

October 19, 2021

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RE: Case No. U-20165 – In the Matter of the Application of Consumers Energy Company for Approval of an Integrated Resource Plan under MCL 460.6t and for other relief.

Dear Ms. Felice:

Lansing, MI 48909

Enclosed for electronic filing in the above-captioned case, please find Consumers Energy Company's Application with Testimony, Affidavit, and Exhibits of Company witness Beth A. Skowronski. This is a paperless filing and is therefore being filed only in PDF. I have included a Proof of Service showing electronic service upon the parties.

Sincerely,

Robert W. Beach

cc: Parties per Attachment 1 to the Proof of Service

#### STATE OF MICHIGAN

#### BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application of	)	
CONSUMERS ENERGY COMPANY	)	Case No. U-20165
for approval of its integrated resource plan	)	
pursuant to MCL 460.6t and for other relief	)	
	)	

#### <u>APPLICATION</u>

Consumers Energy Company ("Consumers Energy" or the "Company") requests the Michigan Public Service Commission ("MPSC" or the "Commission") to grant approval, pursuant to Section 6j of 1982 Public Act ("PA") 304, MCL 460.6j, and other applicable law, of its Power Purchase Agreements ("PPA") with Company and Cereal City Solar, LLC ("Cereal City Solar") and Jackson County Solar, LLC ("Jackson County Solar") for the output of the Cereal City Solar and Jackson County Solar projects. In support of this request, Consumers Energy states as follows:

- 1. Consumers Energy is, among other things, engaged as a public utility in the business of generating, purchasing, distributing, and selling electric energy to approximately 1.9 million retail customers in the state of Michigan. The retail electric system of Consumers Energy is operated as a single utility system, within which uniform rates are charged.
- 2. Consumers Energy's retail electric business is subject to the jurisdiction of the Commission pursuant to certain provisions of 1939 PA 3, as amended by various acts, including 1982 PA 304, 2000 PA 141, and 2016 PA 341, MCL 460.1 *et seq.*; 1909 PA 106, as amended, MCL 460.551 *et seq.*; 1909 PA 300, as amended, MCL 462.2 *et seq.*; and 2008 PA 286, MCL 460.4a *et seq.*

- 3. On June 15, 2018, Consumers Energy filed the first Integrated Resource Plan ("IRP") in Michigan under MCL 460.6t in Case No. U-20165. The Company proposed, among other things, a fundamental shift in the resources which make up the Company's capacity resource portfolio by laying the foundation for the Company's procurement of approximately 6,000 MW of new solar resources by 2040. The acquisition of these new solar resources was a key component of the additional supply in the Company's IRP Proposed Course of Action ("PCA"). In its June 7, 2019 Order Approving Settlement Agreement, the Commission approved a Settlement Agreement which resolved all matters at issue in the Company's 2018 IRP. As part of the approved Settlement Agreement, the parties agreed that the Company would utilize an annual competitive solicitation process to acquire the technology or technologies specified in the Company's PCA (i.e., solar resources). The IRP competitive solicitation process is a robust process which is consistent with the Commission's 2008 Guidelines for Competitive Request for Proposal for Renewable and Advanced Cleaner Energy and the Company's 2019 IRP competitive solicitation and includes extensive stakeholder involvement, independent administration, and regulatory oversight and reviews.
- 4. As detailed in the testimony which has been filed in support of this Application, in 2020, the Company implemented a competitive solicitation which complied with the requirements of the Company's approved IRP. Specifically, the Company utilized an independent administrator, namely, Enel X North America, Inc ("Enel X") and issued a Request for Proposals ("RFP") for new solar resources, in accordance with the Company's IRP PCA, on July 29, 2020. The RFP sought to acquire up to 300 MW of additional aggregate nameplate capacity projects with commercial operation dates on or before May 31, 2023, all located in the state of Michigan's Lower Peninsula. Of the 300 MW solicited, the Company sought to acquire 150 MW through long-term

PPAs and 150 MW through either build transfer agreements ("BTAs") or Company proposed projects.

- 5. Enel X, as the independent administrator for the Company's 2020 competitive solicitation, supported stakeholders through RFP development, independently and without bias administered a fair and transparent solicitation, provided support to respondents, collected and scored proposals, produced scored shortlists and is providing regulatory support post-solicitation, as needed. A total of 23 unique proposals representing nearly 1,700 MW of nameplate capacity, were submitted on a confidential basis in the 2020 competitive solicitation. Of those, 21 proposals were for Company-owned projects and 19 were for long term PPAs. Five projects that participated were Public Utility Regulatory Policy Act of 1978 ("PURPA") Qualifying Facilities up to 20 MW in size, as described in the Report of the Independent Administrator updated October 6, 2021, provided as Exhibit A-1 (BAS-1).
- 6. In its role as independent administrator of the 2020 competitive solicitation, Enel X first performed an initial screening for eligibility regarding proposal/project requirements and respondent participation requirements. After proposals were deemed eligible, Enel X developed ranked lists of each eligible/valid PPA and BTA proposals utilizing the PPA and BTA economic models developed by the Company. Enel X provided two separate blind rankings of proposals, one consisting of PPA proposals and another consisting of BTA proposals.
- 7. Subsequent to receiving the final blind evaluation results from Enel X on November 17, 2020, the Company began an iterative process where it notified Enel X of provisionally selected bids from the final blind evaluation results, conducted due diligence reviews of the provisionally selected bids, and conducted PPA negotiations with the provisionally selected bidders. The Company ultimately selected Cereal City Solar's 100 MW PPA and the Jackson

County Solar's 125 MW PPA from the blind ranking presented by Enel X. The Company decided to proceed with both PPAs, in addition to the 30 MW Heathlands Solar LLC PPA approved in the Commission's September 9, 2021 Order in Case No. U-20165 (total of 255 MW of PPAs procured in the 2020 competitive solicitation), due to the Company's observation of solar project implementation risk and the high quality of the Cereal City Solar and Jackson County Solar PPAs. The proposals for the Cereal City Solar and Jackson County Solar projects passed due diligence review and the Company fully executed PPAs with Cereal City Solar and Jackson County Solar on October 8, 2021 and October 15, 2021, respectively. The PPAs between Consumers Energy and Cereal City Solar and Jackson County Solar for the output of the Cereal City Solar and Jackson County Solar projects are provided as Exhibits A-2 (BAS-2) and A-3 (BAS-3), respectively.

8. The PPAs between the Company and Cereal City Solar and Jackson County Solar are based on the Company's proposed PPA, as presented in the RFP. The PPAs provide for the purchase of capacity from the Cereal City Solar and Jackson County Solar projects based on Zonal Resource Credits ("ZRCs"), the Midcontinent Independent System Operator, Inc. capacity commodity. Payments for capacity are made on a monthly basis at a fixed rate of \$4,308.33/ZRCmonth. This capacity payment was fixed for all proposals in the 2020 competitive solicitation. The Cereal City Solar PPA provides for the purchase of energy at a fixed rate of \$35.26/MWh, as contained in Exhibit E of the PPA. Furthermore, the term of the Cereal City Solar PPA is 25 years, with deliveries expected to commence by May 31, 2023 with an expected PPA termination date of \$34.30/MWh, as contained in Exhibit E of the PPA. Furthermore, the term of the PPA is 20 years, with deliveries expected to commence by December 31, 2023 with an expected PPA termination date of December 31, 2043. The PPAs also include a regulatory disallowance clause

and Purchase Option and, while not a provision of the PPAs, it should be noted that the PPAs are subject to the Financial Compensation Mechanism ("FCM") approved as part of the IRP Settlement Agreement in Case No. U-20165.

9. The new PPA with Cereal City Solar, has an estimated cost to customers of \$236.4 million in PPA supplier payments and \$13.9 million in cost attributable to the FCM for the 25-year term. These costs will result in a total forecast cost of \$250.3 million or \$51.51/MWh levelized cost of energy ("LCOE"). The new PPA has a projected energy and capacity market value of \$272.5 million; a total value of \$282.9 million including Value Added Criteria. Exhibit A-4 (BAS-4) details the forecast cost, market value, and total adjusted value of the new PPA. The new PPA with Jackson County Solar, has an estimated cost to customers of \$226.6 million in PPA supplier payments and \$13.3 million in cost attributable to the FCM for the 20-year term. These costs will result in a total forecast cost of \$239.9 million or \$50.80/MWh LCOE. The new PPA has a projected energy and capacity market value of \$267.2 million; a total value of \$285.0 million including Value Added Criteria. Exhibit A-5 (BAS-5) details the forecast cost, market value, and total adjusted value of the new PPA. Furthermore, the solar resource costs, for a 400 MW solar facility with an asset life of 25 years, incorporated into the Company's approved PCA in the 2018 IRP had an average cost of \$79.17/MWh, or \$3.2 million per installed MW, versus the average cost of the Cereal City Solar PPA of \$51.38/MWh, or \$2.5 million per installed MW, and the average cost of the Jackson County Solar PPA of \$50.81/MWh, or \$1.9 million per installed MW. Exhibit A-6 (BAS-6) shows the revenue requirement and value of the 400 MW 2018 IRP solar resource with a 19.9% capacity factor, 50.0% capacity credit, and 2023 Commercial Operation Date.

- 10. Beyond the above, the new Cereal City Solar and Jackson County Solar PPAs are expected to provide the following benefits to the Company, the Company's customers, and surrounding communities: (i) the PPAs support desired additional capacity needed in accordance with the Company's IRP PCA; (ii) the PPAs were competitively bid ensuring low cost, economic pricing in accordance with the Company's IRP settlement agreement; (iii) the PPA energy and capacity prices are fixed; and (iv) the Company will receive the renewable energy credits produced by the facilities to support its Clean Energy Plan.
- an affidavit from Company witness Beth A. Skowronski, Senior Business Consultant Lead for Electric Contract Supply in the Electric Grid Integration Contracts and Settlements Department. As indicated above, the Company is filing a copy of the recently executed PPAs as Exhibits A-2 (BAS-2) and A-3 (BAS-3). The accompanying testimony and exhibits are an integral part of this Application and are incorporated by reference in this Application as if fully set forth herein. Consumers Energy is requesting Commission approval of the Company's recently executed PPAs with Cereal City Solar and Jackson County Solar for the output of the Cereal City Solar and Jackson County Solar projects, pursuant to Section 6j of 1982 PA 304, MCL 460.6j, and all other applicable law.
- 12. As explained above, and in the testimony filed in support of this Application, the PPAs with Cereal City Solar and Jackson County Solar were acquired in a manner consistent with the requirements set forth in the Settlement Agreement approved by the Commission in its June 7, 2019 Order Approving Settlement Agreement in Case No. U-20165 and is at a cost which is consistent with the modeled solar resource costs in the Company's IRP PCA. Therefore,

Consumers Energy respectfully requests that the Commission approve the relief requested in this Application on an *ex parte* basis without the time and expense of a public hearing.

WHEREFORE, Consumers Energy Company respectfully requests the Michigan Public Service Commission to grant the following relief:

- (A) Grant approval of the Power Purchase Agreements between Consumers Energy Company and Cereal City Solar, LLC and Jackson County Solar, LLC for the output of the Cereal City Solar and Jackson Count Solar projects as provided in Exhibits A-2 (BAS-2) and A-3 (BAS-3), and specifically indicate that the Commission approves the recovery by Consumers Energy Company of all payments under the Power Purchase Agreements for the purposes of Section 6j of 1982 PA 304, MCL 460.6j, and all other applicable law;
- (B) Determine that the relief requested herein should be granted *ex parte* without the time and expense of a public hearing; and

(C) Grant Consumers Energy such other and further relief as may be lawful and appropriate.

Respectfully submitted,

CONSUMERS ENERGY COMPANY

Jim Apple

Dated: October 19, 2021

By:

Timothy J. Sparks

Vice President of Electric Grid Integration

Consumers Energy Company

Robert W. Beach (P73112)

Attorney for Consumers Energy Company

One Energy Plaza

Jackson, Michigan 49201

(517) 788-1846

#### STATE OF MICHIGAN

#### BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

CONSUMERS ENERGY COMPANY for approval of its integrated resource plan	)	Case No. U-20165
pursuant to MCL 460.6t and for other relief	)	
	<u>)</u>	
VERIFI	CATION	
STATE OF MICHIGAN )		

) SS
COUNTY OF JACKSON )

Timothy I. Sporks being f

Timothy J. Sparks, being first duly sworn, deposes and says that he is the Vice President of Electric Grid Integration of Consumers Energy Company; that he has executed the foregoing Application for, and on behalf of, Consumers Energy Company; that he has read the foregoing Application and is familiar with the contents thereof; that the facts contained therein are true, to the best of his knowledge and belief; and that he is duly authorized to execute such Application on behalf of Consumers Energy Company.

Timothy J. Sparks

Vice President of Electric Grid Integration Consumers Energy Company

Subscribed and sworn to before me this 19th day of October, 2021.

Crystal L. Chacon, Notary Public State of Michigan, County of Ingham My Commission Expires: 05/25/24

Crystal J. Chacon

Acting in the County of Jackson

## STATE OF MICHIGAN

#### BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application of	)	
CONSUMERS ENERGY COMPANY	)	Case No. U-20165
for approval of its integrated resource plan	)	
pursuant to MCL 460.6t and for other relief	)	
	)	

**DIRECT TESTIMONY** 

**OF** 

**BETH A. SKOWRONSKI** 

ON BEHALF OF

**CONSUMERS ENERGY COMPANY** 

1	Q.	Please state your name and business address.
2	A.	My name is Beth A. Skowronski, and my business address is 1945 West Parnall Road,
3		Jackson, Michigan 49201.
4	Q.	By whom are you employed?
5	A.	I am employed by Consumers Energy Company ("Consumers Energy" or the "Company").
6	Q.	In what capacity are you employed?
7	A.	I am a Senior Business Consultant Lead for Electric Contract Supply in the Electric Grid
8		Integration – Contracts and Settlements Department.
9		QUALIFICATIONS
10	Q.	Please describe your educational background and work experience.
11	A.	I received a Bachelor's in Business Administration from Siena Heights University in 2013.
12		I also hold a State of Michigan Real Estate Salesperson's license. I started my career at
13		Consumers Energy in 2006 in Customer Service in various roles with increasing
14		responsibilities in Revenue Recovery, Real Estate, and Distribution Operations. In 2015,
15		I accepted a position in Electric Contract Strategies, where my direct responsibilities
16		included administering Power Purchase Agreements ("PPAs") and issuing solicitations for
17		energy and capacity.
18	Q.	What are your responsibilities as Senior Business Consultant Lead?
19	A.	My responsibilities include administering PPAs, issuing solicitations for energy and
20		capacity, and supervising three employees.
21	Q.	Have you previously provided testimony before the Michigan Public Service
22		Commission ("MPSC" or the "Commission")?
23	A.	Yes. I provided testimony in:

MPSC Case No. U-20165 (direct), the Company's 2018 Integrated Resource Plan, 1 2 requesting approval of a new solar PPAs and Build Transfer Agreements ("BTAs") 3 obtained through a competitive solicitations; 4 MPSC Case No. U-20604 (direct), the Company's request for approval of a new PPA 5 with Bay Windpower based on the Company's avoided costs; and 6 MPSC Case No. U-20604 (direct), the Company's request for approval of a new PPA 7 with Dow Silicones Corporation based on the Company's avoided costs. 8 PURPOSE OF DIRECT TESTIMONY 9 Q. What is the purpose of your direct testimony in this proceeding? 10 A. My direct testimony will address the new PPAs between the Company and Cereal City Solar, LLC ("Cereal City Solar") and Jackson County Solar, LLC ("Jackson County Solar") 11 as a result of the 2020 Integrated Resource Plan ("IRP") competitive solicitation. The 12 13 Company seeks approval of the PPAs and all payments made to Cereal City Solar and 14 Jackson County Solar pursuant to Section 6j of 1982 Public Act ("PA") 304 ("Act 304"), MCL 460.6j, and other applicable law, as it was reasonably and prudently selected in 15 16 accordance with the guidelines as established in the Company's 2018 IRP Settlement 17 Agreement approved in Case No. U-20165. Are you sponsoring any exhibits? 18 Q. 19 Yes. I am sponsoring the following exhibits: A. 20 Exhibit A-1 (BAS-1) Report of the Independent Administrator updated 21 October 6, 2021; 22 Exhibit A-2 (BAS-2) Power Purchase Agreement Between The 23 Consumers Energy Company and Cereal City Solar, LLC, dated October 8, 2021; 24 Between 25 Exhibit A-3 (BAS-3) The Power Purchase Agreement Consumers Energy Company and Jackson County 26 27 Solar, LLC, dated October 15, 2021; 28 Exhibit A-4 (BAS-4) Forecast Cost and Market Value of Power Purchase 29 Agreement with Cereal City Solar, LLC;

1 2 3 4 5 6 7 8		Exhibit A-5 (BAS-5)  Forecast Cost and Market Value of Power Purchase Agreement with Jackson County Solar, LLC; and  Exhibit A-6 (BAS-6)  Revenue Requirement and Market Value of 2018 Integrated Resource Plan 400 MW Solar Cost included in the Approved Proposed Course of Action.
9	Q.	Were these exhibits created by you or under your supervision?
10	A.	Yes.
11		2020 IRP Competitive Solicitation
12	Q.	Please provide an overview of the competitive solicitation process approved as part of
13		the Company's 2018 IRP.
14	A.	On June 15, 2018, Consumers Energy filed the first IRP in Michigan under MCL 460.6t in
15		Case No. U-20165 and proposed, among other things, a fundamental shift in the resources
16		which make up the Company's capacity resource portfolio by laying the foundation for
17		Consumers Energy's procurement of approximately 6,000 MW of new solar resources by
18		2040. The acquisition of these new solar resources was a key component of the additional
19		supply in the Company's IRP Proposed Course of Action ("PCA"). In its June 7, 2019
20		Order Approving Settlement Agreement, the Michigan Public Service Commission
21		("MPSC" or the "Commission") approved a Settlement Agreement which resolved all
22		matters at issue in the Company's 2018 IRP. As part of the approved Settlement
23		Agreement, the parties agreed that the Company would utilize an annual competitive
24		solicitation process to acquire the technology or technologies specified in the Company's
25		PCA (i.e., solar resources). The IRP competitive solicitation process is a robust process
26		which is consistent with the Commission's 2008 Guidelines for Competitive Request for
27		Proposal for Renewable and Advanced Cleaner Energy and the Company's 2019 IRP

A.

competitive solicitation and includes extensive stakeholder involvement, independent administration, and regulatory oversight and reviews<sup>1</sup>.

### Q. Please describe the specific requirements of the IRP competitive solicitation process.

As noted above, as part of the Company's approved IRP, the Company is required to conduct annual solicitations for the resources specified in the PCA. At least 50% of the capacity procured through the annual solicitations is required to be acquired from PPAs, with the Company's affiliates being prohibited from participating in the PPA portion of the solicitation, and up to 50% may be owned by the Company. Furthermore, in addition to being consistent with the Commission's 2008 *Guidelines for Competitive Request for Proposal for Renewable and Advanced Cleaner Energy*, the competitive bid process is required to: (i) utilize a public notice; (ii) provide the terms of the proposed contracts in the Request for Proposals ("RFP"); and (iii) be administered by an independent administrator<sup>2</sup>.

In addition to the above, the evaluation criteria and process are required to be made available to all bidders submitting responses for the specific technology requested by the Company, as part of the RFP, to ensure transparency. Qualifying Facilities ("QFs") are also permitted to bid any technology that meets the Company's "must-purchase obligation" under the requirements of the Public Utility Regulatory Policy Act of 1978 ("PURPA"). Moreover, a blind ranking of proposals is required to be determined by the independent administrator and provided to the Company for selection. The cost of the resource, market value of commodities and value-added characteristics that it provides are to be considered

<sup>&</sup>lt;sup>1</sup> See Attachment A to the Settlement Agreement in Case No. U-20165.

<sup>&</sup>lt;sup>2</sup> The term "Independent Evaluator" and "Independent Administrator" have been used to describe the independent third-party that is responsible to support the annual solar solicitations. The roles and responsibilities of this entity are further detailed in Exhibit A-1 (BAS-1).

to determine the net cost of a resource to compare different technologies offered by QFs.

### Q. Please describe the IRP competitive solicitation stakeholder process.

A.

The IRP Settlement Agreement provided that, prior to issuance of the first competitive solicitation, namely the 2019 competitive solicitation, the Company was required to commence a competitive bidding stakeholder workshop. During that workshop, the Company was to provide draft competitive bidding guidelines to stakeholders so that participating stakeholders can provide recommendations to the Company. After receiving recommendations, the Company was required to provide stakeholders with final competitive bidding procedures for the first competitive solicitation to be conducted by September 30, 2019.

In addition to the above, by April 1, 2020, the Company was required to commence a second stakeholder workshop to share, at a minimum, information on bids received and selected, the impact of the Financial Compensation Mechanism ("FCM") on PPA bids, the costs and benefits to ratepayers, the role of the independent administrator, criteria used to rank proposals, and any other criteria deemed to be important. At that stakeholder process, interested parties had the opportunity to discuss the information the Company provides and ask questions.

The reasonableness of the Company's competitive bidding procedures is also required to be evaluated in the Company's ongoing 2021 IRP. That evaluation shall include at least information on bids received and selected, impact of the FCM on PPA bids, costs to ratepayers, role of the independent administrator, criteria used to rank proposals, and any other criteria deemed to be important.

Q.	Did the Company conduct a competitive solicitation in 2020 and follow the guidelines
	and requirements of the IRP Settlement Agreement?

A.

Yes. In accordance with the IRP Settlement Agreement, the Company retained an independent administrator, Enel X North America, Inc ("Enel X"), to support its supply-side resource solicitations. Prior to RFP issuance, the Company and Enel X participated in the stakeholder workshop, on March 20, 2020 to share information on bids received and selected, the impact of the FCM on PPA bids, the costs and benefits to ratepayers, the role of the independent administrator, criteria used to rank proposals, and any other relevant information. As a result of the COVID-19 pandemic, this second stakeholder workshop was hosted virtually by Enel X to ensure the safety and wellbeing of stakeholders. Interested parties had the opportunity to discuss the information that the Company provided and ask questions. Further, the Company and Enel X participated in a meeting with the MPSC Staff ("Staff") held remotely due to impacts of the COVID-19 pandemic, on July 15, 2020 to review the RFP prior to issuance.

Furthermore, Enel X developed and scheduled the publication of a Consumers Energy RFP advertisement, which was run on the public homepage of the Utility Dive website. On July 29, 2020, Enel X issued the 2020 solicitation on behalf of the Company to acquire up to 300 MW of additional aggregate nameplate capacity projects with commercial operation dates ("COD") on or before May 31, 2023, projects may have a commercial date as late as December 31, 2023 for permitted network upgrade extensions as outlined in the RFP, all located in the state of Michigan's Lower Peninsula to support Consumers Energy's IRP. Of the 300 MW solicited, Consumers Energy sought to acquire 150 MW through long-term PPAs and 150 MW through either build transfer agreements

1		("BTAs") or Company proposed projects. Enel X conducted and monitored the Consumers
2		Energy RFP process in its entirety. As demonstrated throughout the publicly available
3		Report of the Independent Administrator updated October 6, 2021, provided as Exhibit A-1
4		(BAS-1), Enel X attests that each element of the RFP process was run in a fair and
5		transparent manner and that RFP results were competitive and reflective of market
6		conditions.
7	Q.	Please explain Enel X's participation in the 2020 competitive solicitation.
8	A.	Enel X, as the independent administrator for the Company's 2020 competitive solicitation,
9		supported the Company through RFP development and stakeholder workshop,
10		independently and without bias administered a fair and transparent solicitation, provided
11		support to respondents, collected and evaluated proposals, produced blind ranked
12		shortlists.
13	Q.	Please provide a participation summary for the 2020 competitive solicitation.
14	A.	A total of 23 unique projects representing nearly 1,700 MW of nameplate capacity, were
15		submitted on a confidential basis in the 2020 competitive solicitation. Of those, 21
16		proposals were for Company-owned projects and 19 projects were for long term PPAs.
17		Five projects that participated were PURPA QFs up to 20 MW in size, as described in the
18		Report of the Independent Administrator updated October 6, 2021, provided as Exhibit A-1
19		(BAS-1).
20	Q.	Please explain the evaluations conducted by Enel X of the submitted proposals in the
21		2020 competitive solicitation.
22	A.	Enel X first performed an initial screening for eligibility regarding proposal/project
	II .	

eligible, Enel X developed two ranked lists of each eligible/valid PPA and Company-owned proposals utilizing the PPA and BTA economic models developed by the Company.<sup>3</sup> In accordance with Section 10.2 of the Consumers Energy RFP, proposals were to be evaluated based on projected costs, projected commodity value, and value-added criteria. The economic evaluation would consist of first calculating the total projected cost of a proposal. Second, the projected value of the commodities provided by the proposed project would be subtracted from the total projected cost to calculate a net cost for the proposal. Lastly, the value-added criteria will be subtracted from the net cost to determine the final, adjusted net cost of the proposal. Projects were then ranked based on their adjusted net cost. Enel X provided two separate blind rankings of proposals, one consisting of PPA proposals and another consisting of Company-owned proposals. Consumers Energy then selected and provisionally awarded proposals from lowest to highest adjusted net costs with regards to both rankings.

#### Q. Please explain the award selections for PPAs in the 2020 competitive solicitation.

A. On November 17, 2020, the Company received the final blind evaluation results from Enel X. Subsequent to receiving the final blind evaluation results from Enel X, the Company began an iterative process where it notified Enel X of provisionally selected bids from the final blind evaluation results, conducted due diligence reviews of the provisionally selected bids, and conducted PPA negotiations with the provisionally selected bidders. The Company's iterative process ultimately resulted in the selection of three solar facilities for 30 MW (Heathlands Solar LLC PPA filed on July 6, 2021 in Case No. U-20165 and approved in the Commission's September 9, 2021 Order), 100 MW (Proposal 17), and a

<sup>&</sup>lt;sup>3</sup> The Company's economic models were shared with stakeholders at the first workshop and with respondents as part of the solicitation package.

1		125 MW (Proposal 14) for a total of 255 MW of PPAs for the 2020 competitive
2		solicitation. <sup>4</sup>
3	Q.	Why did the Company select 255 MW of PPAs if Consumers Energy initially sought
4		to acquire 150 MW through long-term PPAs in the 2020 competitive solicitation?
5	A.	As explained above, the Company first executed the 30 MW PPA with Heathlands Solar
6		LLC and filed that PPA for approval in Case No. U-20165. The Company then continued
7		with negotiations with both the 100 MW PPA proposal (Cereal City Solar) and the 125
8		MW PPA proposal (Jackson County Solar) which were similarly priced. Initially, the
9		Company negotiated both proposals as a means to expedite the 2020 competitive
10		solicitation (i.e. if either negotiation failed, the Company would be in a position to move
11		forward with another viable project); however, during negotiations, it became apparent that
12		both proposals could serve as high quality options to the Company. The Company then
13		made the business decision to award 105 MW more PPAs than initially targeted in the 2020
14		competitive solicitation due to the Company's observation of solar project implementation
15		risk and the high quality of the Cereal City Solar and Jackson County Solar PPAs.
16	Q.	Please explain the above referenced solar project implementation risk.
17	A.	The Company has observed an increase in implementation risk for solar projects in recent
18		months. This implementation risk is apparent for solar generation facilities interconnecting
19		through the Midcontinent Independent System Operator, Inc. ("MISO") and to the
20		Company's distribution system. For example, the Company's PPA with River Fork Solar,

LLC was amended<sup>5</sup> to allow for a 16-month delay in COD as a result of required

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<sup>&</sup>lt;sup>4</sup> Proposal 1b was a proposal submitted for the same project with a 20-year PPA term, as opposed to the 25-year PPA term included with Proposal 1a. During the course of negotiating Proposal 1a, the parties agreed to a 20-year term for Proposal 1a.

<sup>&</sup>lt;sup>5</sup> See Case No. U-15805.

transmission network upgrades. Also, numerous PURPA QF developers that the Company has executed PPAs with in accordance with Case No. U-20615 have been challenged to meet development and/or construction schedules resulting in amendments to the PPAs to delay the Expected Start Dates<sup>6</sup>. The Company has included these solar projects in its short- and long-term capacity planning resulting in an increased risk to the Company's forecast capacity position due to delays in COD. Additionally, through discussions with solar developers, the Company has become aware of trends in the solar supply chain that could lead to increased solar costs or inability to procure equipment such as solar panels. Examples of solar supply chain uncertainties may include potential extension of Section 201 Tariffs by the International Trade Commission on photovoltaic solar panels which are currently set to expire on February 6, 2022, expansion of antidumping/countervailing duties on solar equipment importers, or risk of detention of module shipments related to Withhold/Release Orders imposed on solar equipment importers.

Q. Please explain why the Cereal City Solar and Jackson County Solar PPAs both represent high quality options for the Company.

The Cereal City Solar and Jackson County Solar PPAs are both cost competitive projects with similar cost impacts to the Company and our customers as seen in Exhibits A-4 (BAS-4) and A-5 (BAS-5) which show total average cost of \$51.38/MWh and \$50.81/MWh for Cereal City Solar PPA and Jackson County Solar PPA, respectively. Selecting both projects benefits Michigan by cultivating a strong solar developer base in

<sup>&</sup>lt;sup>6</sup> See Case No. U-20604.

1		the state, while reducing developer specific implementation risk by expanding the number
2		of renewable energy developers building solar to provide supply to the Company.
3	Q.	Did the proposal for the Cereal City PPA and the proposal for the Jackson County
4		Solar PPA pass due diligence and meet the RFP requirements?
5	A.	Yes. The 100 MW Cereal City Solar proposal passed due diligence review and the
6		Company and Cereal City Solar fully executed a PPA on October 8, 2021. The 125 MW
7		Jackson County Solar proposal passed due diligence review and the Company and Jackson
8		County Solar fully executed a PPA on October 15, 2021. These are the PPAs that the
9		Company is seeking approval for in this filing.
10	Q.	Please explain Exhibits A-2 (BAS-2) and A-3 (BAS-3).
11	A.	Exhibit A-2 (BAS-2) is the PPA between Consumers Energy and Cereal City Solar,
12		effective October 8, 2021, for 100 MW of output from Cereal City Solar.
13		Exhibit A-3 (BAS-3) is the PPA between Consumers Energy and Jackson County
14		Solar, effective October 15, 2021, for 125 MW of output from Jackson County Solar.
15	Q.	Please provide an overview of the provisions in the PPAs.
16	A.	The PPAs are based on the Company's proposed template PPA, as presented to potential
17		respondents in the RFP with modifications agreed to between the party through a series of
18		negotiations. The PPA provides for the purchase of capacity based on Zonal Resource
19		Credits ("ZRCs") and MISO capacity commodity. Payments for capacity are made on a
20		monthly basis at a fixed rate of \$4,308.33/ZRC-month. This capacity payment was fixed
21		for all proposals in the 2020 competitive solicitation <sup>7</sup> .

<sup>&</sup>lt;sup>7</sup> Respondents were required to bid a corresponding levelized energy price per MWh in their submitted proposals.

The Cereal City Solar PPA provides for the purchase of energy at a fixed rate of \$35.26/MWh, as contained in Exhibit E of the PPAs. Furthermore, the term of the PPA is 25 years, with deliveries expected to commence by May 31, 2023 with an expected PPA termination date of May 31, 2048.

The Jackson County Solar PPA provides for the purchase of energy at a fixed rate of \$34.30/MWh, as contained in Exhibit E of the PPAs. Furthermore, the term of the PPA is 20 years, with deliveries expected to commence by December 31, 2023 with an expected PPA termination date of December 31, 2043.

The PPAs also include a regulatory disallowance clause and Purchase Option and, while not a provision of the PPAs, it should be noted that the PPAs are subject to the FCM approved as part of the IRP Settlement Agreement in Case No. U-20165.

#### Q. Please explain the PPA Purchase Option provision.

A. The Purchase Option provision gives the Company the right to elect to purchase the plant upon the tenth anniversary of the COD. The purchase price is not defined as a specific dollar amount but is defined as the greater of a series of calculations including fair market value of the plant. There was no additional cost to the Company, or its customers, to include this provision in the PPAs. The Company was able to negotiate this provision without increasing economic cost while increasing customer value by including this future optionality.

#### Q. Have you evaluated the cost and market value of the PPAs?

A. Yes, I have. The new PPA with Cereal City Solar, has an estimated cost to customers of \$236.4 million in PPA supplier payments and \$13.9 million in cost attributable to the FCM for the 25-year term. These costs will result in a total forecast cost of \$250.3 million or

\$51.51/MWh levelized cost of energy ("LCOE"). LCOE is calculated as the total revenue
requirement divided by energy production both discounted over a specified period of time
(e.g., asset life or contract length). The new PPA has a projected energy and capacity
market value of \$272.5 million; a total value of \$282.9 million including Value Added
Criteria. Exhibit A-4 (BAS-4) details the forecast cost, market value, and total adjusted
value of the new PPA

The new PPA with Jackson County Solar, has an estimated cost to customers of \$226.6 million in PPA supplier payments and \$13.3 million in cost attributable to the FCM for the 20-year term. These costs will result in a total forecast cost of \$239.9 million or \$50.80/MWh LCOE. The new PPA has a projected energy and capacity market value of \$267.2 million; a total value of \$285.0 million including Value Added Criteria. Exhibit A-5 (BAS-5) details the forecast cost, market value, and total adjusted value of the new PPA.

- Q. Why is the market value of the PPA an important consideration in the evaluation of new solar assets?
- A. The *cost* of a new supply asset is only part of the rate impact to the Company's customers. The Company must also consider the offsetting value of the asset. The consideration of both cost and value can be achieved through a variety of calculations such as the net cost, net value, or a ratio of cost to value. Such calculations provide a better overall comparison of supply options and are necessary when a solicitation may result in a variety of technologies. Since the Company's RFPs allow for participation by non-solar QFs and the value of a solar asset can vary greatly with changes to capacity factor, it is imperative for the Company to consider the value of the asset.

The forecasted Cereal City Solar PPA cost of \$250.3 million divided by the forecasted value of \$282.9 million results in a cost to value ratio of 0.885 or 88.5% which indicates that the project is economic compared to purchasing an equivalent amount of energy and capacity from the wholesale market. In summary, the cost of the PPA is estimated to be 88.5% of the market value of an equivalent amount of energy or capacity.

The forecasted Jackson County Solar PPA cost of \$239.9 million divided by the

forecast value of \$285.0 million results in a cost to value ratio of 0.842 or 84.2% which indicates that the project is economic compared to purchasing an equivalent amount of energy and capacity from the wholesale market. In summary, the cost of the PPA is estimated to be 84.2% of the market value of an equivalent amount of energy or capacity.

A lower cost-to-value ratio means that a lower cost is incurred for a comparable value, or alternatively, a higher value is realized for a comparable cost. One additional benefit of using a cost-to-value ratio is that it is agnostic to units; meaning the cost-to-value ratio is the same whether comparing total cost, \$/MWh, or \$/MW.

- Q. How does the modeled cost and value of new solar resources in the Company's 2018

  IRP compare to the cost and value of the new Cereal City Solar and Jackson County

  Solar PPAs?
- A. The solar resource costs, for a 400 MW solar facility with an asset life of 25 years and a 2023 COD, incorporated into the Company's approved PCA in the 2018 IRP had an average cost of \$79.17/MWh, or \$3.2 million per installed MW, versus the average cost of the Cereal City Solar PPA of \$51.38/MWh, or \$2.5 million per installed MW, and the average cost of the Jackson County Solar PPA of \$50.81/MWh, or \$1.9 million per installed MW. As previously discussed, it is important to consider both the cost and projected value of

1		new solar resources. Exhibit A-6 (BAS-6) shows the revenue requirement and value of the
2		400 MW 2018 IRP solar resource with a 19.9% capacity factor, 50.0% capacity credit, and
3		2023 COD. The forecast revenue requirements of the 2018 IRP solar resource of
4		\$1.30 billion divided by the forecast value of \$1.35 billion results in a cost-to-value ratio
5		of 0.962 or 96.2%. In summary, the cost-to-value ratio of the Cereal City Solar PPA
6		(88.5%) and the Jackson County Solar PPA (84.2%) are lower than the cost-to-value ratio
7		of the 2018 IRP solar resource, demonstrating that the Cereal City Solar and Jackson
8		County Solar PPAs are more economic than the 2018 IRP solar resource included in the
9		Company's approved IRP.
10	Q.	What benefits can be realized with the new PPAs?
11	A.	The new Cereal City Solar and Jackson County Solar PPAs will provide the following
12		benefits to the Company, the Company's customers, and the surrounding communities:
13 14		<ol> <li>The PPAs support desired additional capacity needed in accordance with the Company's IRP PCA;</li> </ol>
15 16		<ol><li>The PPAs were competitively bid ensuring low cost, economic pricing in accordance with the Company's IRP Settlement Agreement;</li></ol>
17 18		3. The energy and capacity prices in the PPAs are fixed for the term of the agreement; and
19 20		4. The Company will receive the renewable energy credits produced by the facilities to support its Clean Energy Plan.
21	Q.	Please summarize the Company's request with respect to the new Cereal City Solar
22		and Jackson County Solar PPAs.
23	A.	As explained above, the 100 MW Cereal City Solar PPA and 125 MW Jackson County
24		Solar PPA were reasonably and prudently selected as part of the annual competitive
25		solicitation process approved as part of the Settlement Agreement in the Company's 2018
26		IRP. Cereal City Solar and Jackson County Solar represent part of the initial step in the

Company's IRP PCA which proposes to procure approximately 6,000 MW of new solar
resources by 2040. Cereal City Solar and Jackson County Solar, and the other new solar
resources which make up the Company's new solar resource glidepath, will meet the
Company's long-term capacity needs, as presented in the Company's 2018 IRP. Since the
selection of these resources are consistent with the requirements of the approved capacity
acquisition construct and the Company's IRP PCA, the Company is requesting
Commission approval of the Company's PPAs with Cereal City Solar and Jackson County
Solar for the output of the Cereal City Solar and Jackson County Solar projects, pursuant
to Section 6j of Act 304, MCL 460.6j, and all other applicable law.

- Q. Does this complete your direct testimony?
- 11 A. Yes, it does.

#### STATE OF MICHIGAN

#### BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application of	)	
CONSUMERS ENERGY COMPANY	)	Case No. U-20165
for approval of its integrated resource plan	)	
pursuant to MCL 460.6t and for other relief	)	
	)	

#### **AFFIDAVIT OF BETH A. SKOWRONSKI**

Beth A. Skowronski, being first duly sworn, deposes and says as follows:

- I am a Senior Business Consultant Lead for Electric Contract Supply in the Electric
   Grid Integration Contracts and Settlements Department.
- 2. I am the witness who sponsors the accompanying testimony entitled Direct Testimony of Beth A. Skowronski (the "Testimony").
  - 3. The Testimony was prepared by me and under my direction and supervision.
- 4. If inquiries were made as to the facts in the Testimony, I would respond as set forth therein.
- 5. The Testimony is true and correct to the best of my knowledge, information, and belief.

Beth A. Skowronski

Subscribed and sworn to before me this 19th day of October 2021.

Crystal L. Chacon, Notary Public State of Michigan, County of Ingham My Commission Expires: 05/25/24

Crysta J. Chacon

Acting in the County of Jackson

Beth Skowronshi

## STATE OF MICHIGAN

#### BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application of	)	
CONSUMERS ENERGY COMPANY	)	Case No. U-20165
for approval of its integrated resource plan	)	
pursuant to MCL 460.6t and for other relief	)	
	)	

#### **EXHIBITS**

**OF** 

## **BETH A. SKOWRONSKI**

ON BEHALF OF

**CONSUMERS ENERGY COMPANY** 

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 1 of 35 Witness: BASkowronski Date: October 2021



# Report of the Independent Administrator

Consumers Energy Company – 2020 Request for Proposal for Solar Generation Projects

Dated: June 29, 2021

Updated: October 6, 2021

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 2 of 35 Witness: BASkowronski Date: October 2021

# **Independent Administrator Report Contents**

Executive Summary	3
Introduction	3
RFP Purpose, Background	3
RFP Schedule	3
Summary of Findings	5
Preparation Phase	6
Overview	6
RFP Documents	6
Stakeholder Engagement	7
RFP Advertisement	7
Changes to 2020 Solar Solicitation	9
Solicitation Phase	11
RFP Issuance	11
Pre-Bid Conference Call	14
Questions and Answers Log, Process	14
Respondent, Project, and Contract Template Pre-Qualification	15
Proposal Submissions	23
Evaluation Phase	26
Initial Screening for Eligibility	26
Blind Final Evaluation Results	
Selection Phase	29
Consumers Energy Preliminary Provisional Award Selections	29
Enel X Reveal of Preliminary Selected Blind Proposals	29
Preliminary Award Notices	30
Independent Administrator Conclusions	31
Analysis of RFP Process	31
Attestations	31
Conflict of Interest Declarations	32
Recommended RFP Process Improvements	33

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 3 of 35 Witness: BASkowronski Date: October 2021

## **Executive Summary**

## Introduction

Consumers Energy Company ("Consumers Energy" or the "Company") retained Enel X North America, Inc. ("Enel X") through its *Independent Administrator (IA) for Consumers Energy's Integrated Resource Plan (IRP) Program Request for Proposals* ("IA RFP") to serve as an independent third-party administrator in support of its supply-side resource solicitations ("IRP solicitations").

Enel X is based in Boston, MA and has been conducting large-scale energy solicitations on behalf of its utility clients for nearly two decades. Enel X built its proprietary procurement technology and developed robust processes exclusively for energy solicitations. Enel X has continued to invest in technology and has continued to hone its processes with the vision of being the undisputed leader in the high-stakes, high-scrutiny world of large-scale utility energy solicitations.

Enel X has prepared this initial draft Independent Administrator Report ("Initial Draft IA Report") in support of the *Consumers Energy Company Request for Proposals for Solar Generation Projects* ("Consumers Energy RFP" or the "RFP") issued on July 29, 2020.

## RFP Purpose, Background

The purpose of the Consumers Energy RFP was to 1) solicit offers for Consumers Energy to acquire solar generation projects and/or solar power purchase agreements ("PPAs") backed by projects located in that portion of the lower peninsula of the State of Michigan that is serviced by the Midcontinent Independent System Operator (MISO) and 2) solicit offers for PURPA qualifying facilities 20 MW and below located within Consumers Energy's service territory. Proposals located within this region (MISO's Local Resource Zone 7) were requested to support Consumers Energy's IRP. With its RFP, Consumers Energy sought to acquire solar generation projects and PURPA qualifying facilities that provided the lowest net costs to its customers.

Consumers Energy sought to acquire up to 300 MW of additional aggregate nameplate capacity projects with commercial operation dates on or before May 31, 2023, all located in the State of Michigan's Lower Peninsula to support Consumers Energy's IRP. Of the 300 MW solicited, Consumers Energy sought to acquire 150 MW via long-term PPAs and 150 MW via build transfer agreements ("BTAs") or a Company proposed project.

## **RFP Schedule**

The Consumers Energy 2020 Solar Solicitation has followed, and is intended to continue to follow, the schedule detailed below (select dates within the RFP Schedule were/are subject to change as-warranted by Consumers Energy):

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 4 of 35 Witness: BASkowronski Date: October 2021

#	RFP Milestone	Date		
	STAGE 1: RFP RELEASE, RESPONDENT PRE-QUALIFICATION			
1	Notification of Upcoming RFP Issued via Email to Potential Respondents	Thursday, July 9, 2020		
2	RFP Issued, Solicitation Website, Documents Go-Live	Wednesday, July 29, 2020		
3	Questions and Answers Window Opens	Wednesday, July 29, 2020		
4	Respondent Qualification Application Submission Window Opens	Wednesday, July 29, 2020		
5	Pre-Bid Conference Call Held (2:00 PM EPT)	Monday, August 3, 2020		
6	Respondent Qualification Application Submission Window Closes	Wednesday, August 5, 2020		
7	Initial Review of Submitted Respondent Qualification Applications Begins	Wednesday, August 5, 2020		
8	Initial Review of Respondent Qualification Applications Concludes, Remediation Notices/Requests for Clarification Distributed	Friday, August 7, 2020		
9	Respondent Qualification Application Remediation Materials/Responses to Clarifying Requests Due	Tuesday, August 11, 2020		
10	Final Review of Respondent Qualification Applications Completed, Approvals Determined	Wednesday, August 12, 2020		
11	Stage 1 Notices to Proceed Issued to Pre-Qualified Respondents (Respondent Organizations Pre-Qualified)	Wednesday, August 12, 2020		

#	RFP Milestone	Date		
	STAGE 2: PROJECT PRE-QUALIFICATION			
12	Project Qualification Submission Window Opens for Pre-Qualified Respondents	Wednesday, August 12, 2020		
13	Project Qualification Submission Window Closes	Tuesday, August 25, 2020		
14	Initial Review of Submitted Project Qualification Forms, Supporting Documents Begins	Tuesday, August 25, 2020		
15	Initial Review of Project Qualification Forms Concludes, Remediation Notices/Requests for Clarification Distributed	Friday, August 28, 2020		
16	Respondent Project Qualification Form Remediation Materials/Responses to Clarifying Requests Due	Friday, September 4, 2020		
17	Final Review of Respondent Project Qualification Forms Completed, Approvals Determined	Wednesday, September 9, 2020		
18	Stage 2 Notices to Proceed Issued to Pre-Qualified Respondents (Respondent Projects Pre-Qualified)	Wednesday, September 9, 2020		

#	RFP Milestone	Original Date	Revised Date (as of 9/30/2020)	
	STAGE 3: PROJECT APPLICATION FEES AND PRE-BID SECURITY COLLECTED, BINDING BID AGREEMENT AND BINDING AFFIDAVITS DUE			
19	Invoices for RFP Application Fees Issued to Respondents	Wednesday, September 9, 2020	-	
20	Redline Submission Window for Negotiable Contract Items Opens	Wednesday, September 9, 2020	-	
21	Redlines to Negotiable Contract Items Due	Tuesday, September 15, 2020	-	
22	RFP Application Fees Due	Tuesday, September 15, 2020	-	
23	Guidance on Submitted Redlines Provided to Respondents, Contract Templates Updated (if Warranted)	Tuesday, September 29, 2020	Tuesday, October 6, 2020	
24	Wire Transfer Remittance Forms Due	Friday, October 2, 2020	Friday, October 9, 2020	
25	Binding Bid Agreements, Binding Respondent Affidavits, Agreement in Principle to Utilize Contract Templates Due	Wednesday, October 7, 2020	Wednesday, October 14, 2020	
26	Pre-Bid Financial Security (Cash Deposits) Due	Wednesday, October 7, 2020	Wednesday, October 14, 2020	
27	Final Respondent and Project Approvals Determined	Thursday, October 8, 2020	Thursday, October 15, 2020	
28	Stage 3 Notices to Proceed Issued (Non-Negotiable Contract Items Addressed, Bid Security Posted)	Friday, October 9, 2020	Friday, October 16, 2020	

RFP Schedule continued on following page.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 5 of 35 Witness: BASkowronski Date: October 2021

#	RFP Milestone	Date	Revised Date (as of 11/10/2020)	
	PPA AND BTA PROPOSALS DUE, PROPOSALS SCREENED, SHORTLISTS DEVELOPED, PRELIMINARY AWARD DECISIONS CONVEYED, CONTRACTING PHASE BEGINS			
29	Questions and Answers Window Closes	Friday, October 16, 2020	-	
30	PPA Live Reverse Auctions Run on Enel X Solicitation Platform	Tuesday, October 20, 2020	-	
31	BTA Sealed Bid Event Run on Enel X Solicitation Platform	Thursday, October 22, 2020	•	
32	Initial Respondent/Proposal Eligibility Screening Period Concludes	Tuesday, October 27, 2020	-	
33	Respondents Notified of Ineligible Proposals	Tuesday, October 27, 2020	•	
34	PPA, BTA Offer Shortlists, Proposal Rankings Provided to Consumers Energy	Wednesday, October 28, 2020	-	
35	Consumers Energy Provides Enel X with Selected Proposals from PPA, BTA Lists	Thursday, November 12, 2020	Tuesday, November 24, 2020	
36	Preliminary Award Decisions, Statuses Distributed by Enel X	Friday, November 13, 2020	Tuesday, November 24, 2020	
37	Enel X Provides Consumers Energy with Details of Selected Proposals, Respondents	Friday, November 13, 2020	Tuesday, November 24, 2020	
38	Consumers Energy Begins Due Diligence Review of Selected Proposals, Respondents, Initiates Contracting Phase	Monday, November 16, 2020	Monday, November 30, 2020	
39	Consumers Energy Informs Enel X of Need for Alternate Proposals, Respondents	Wednesday, December 16, 2020		
40	If Applicable; Consumers Energy Provides Enel X with Selected Alternate Proposals from PPA, BTA Lists	Wednesday, December 16, 2020		
41	If Applicable, Secondary Award Decisions, Statuses Distributed by Enel X	Thursday, December 17, 2020		
42	If Applicable; Enel X Provides Consumers Energy with Details of Alternate Proposals, Respondents Selected	Thursday, December 17, 2020	-	
43	If Applicable; Consumers Energy Begins Due Diligence Review of Selected Alternate Proposals, Respondents, Initiates Contracting Phase	Friday, December 18, 2020		
44	Pre-Bid Credit for Unawarded Respondents Cancelled, Returned (Valid Proposal Duration Concludes)	Wednesday, June 30, 2021		
45	Agreements, Contracts for Selected Proposals Finalized, Executed	-	-	
46	Pre-Bid Credit for Awarded Respondents Cancelled, Returned	Following Contract Execution	Following Contract Execution	
47	Contracts, Agreements Submitted to MPSC			

# **Summary of Findings**

Enel X conducted and monitored the Consumers Energy 2020 Solar Solicitation in its entirety. As demonstrated throughout this report, Enel X attests that each element of the 2020 Solar Solicitation was run in a fair and transparent manner and that RFP results were competitive and reflective of market conditions.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 6 of 35 Witness: BASkowronski Date: October 2021

## **Preparation Phase**

#### Overview

Enel X's involvement within the Consumers Energy 2020 Solar Solicitation Preparation Phase spanned from the preparation and conduction of a second Stakeholder Workshop on March 20, 2020 to July 29, 2020 (the date of issuance for the 2020 Consumers Energy RFP).

The Preparation Phase covered a number of key tasks associated with the development and finalization of RFP documents and materials, the engagement and support of RFP stakeholders, the development and issuance of RFP advertisements, the development of an RFP listserv containing over 200 organizations, and other pertinent pre-RFP release tasks.

### **RFP Documents**

Enel X reviewed and provided various comments and proposed modifications to a host of Consumers Energy-developed RFP documents and templates. Additionally, Enel X drafted multiple supporting RFP documents and materials for review and approval by Consumers Energy.

The following RFP documents and materials were developed by Consumers Energy:

- 1. Consumers Energy Company 2020 Solar Generation Projects RFP
- 2. Appendix D-1: Build Transfer Agreement Pricing and Technical Bid Form
- 3. Appendix D-2: Power Purchase Agreement Pricing Bid Form
- 4. Appendix E-1: Build Transfer Agreement Term Sheet
- 5. Appendix E-2: Build Transfer Agreement Template
- 6. Appendix F: Power Purchase Agreement (Transmission) Template
- 7. Appendix G: Power Purchase Agreement (Distribution) Template
- 8. Appendix H: Build Transfer Agreement Technical Specifications
- 9. Appendix I: Exceptions to Build Transfer Agreement Technical Specifications
- 10. Appendix J: Value Added Criteria Qualification Form
- 11. Appendix K: Acceptable Manufacturers List Process
- 12. Appendix L: Low Income County List
- 13. Economic Model 2020 IRP RFP Competitive Solicitation Owned
- 14. Economic Model 2020 IRP RFP Competitive Solicitation PPA

The following RFP documents and materials were developed and/or provided by Enel X:

- 1. Utility Dive RFP Advertisement
- 2. RFP Notice Email Templates
- 3. Consumers Energy and Enel X Pre-Bid Conference Call PowerPoint Presentation
- 4. Consumers Energy and Enel X Pre-Bid Conference Call Recording
- 5. Enel X 2020 W9 Form (to support application fee payments and Pre-Bid Security deposits)

Exhibit No.: A-1 (BAS-1) Page: 7 of 35 Witness: BASkowronski Date: October 2021

Case No.: U-20165

- 6. Wire Transfer Remittance Form
- 7. Respondent Bidding Instructions
- 8. Proposed Changes to BTA (Appendix E-1 and E-2) and PPA (Appendix F and G) Contract Templates
- 9. Appendix A: Respondent Qualification Application Due by 5:00 PM EPT on August 5, 2020
- 10. Appendix B-1: Project Qualification Application
- 11. Appendix B-2: Project Qualification Database
- 12. Appendix C: Binding Bid Agreement and Binding Respondent Affidavit
- 13. 2020 IRP RFP Questions and Answers (Q&A) Document

## Stakeholder Engagement

Enel X participated within a second IRP Competitive Solicitation Workshop ("Stakeholder Workshop") held virtually via a WebEx event hosted on March 20, 2020. During the Stakeholder Workshop, representatives from Consumers Energy and Enel X reviewed the 2019 and 2020 Solar Solicitations, the provisional results of the 2019 Solar Solicitation, lessons learned and proposed process improvements stemming from the 2019 Solar Solicitation, and to-be-implemented changes for the 2020 Solar Solicitation.

Consumers Energy and Enel X established two separate windows during the second Stakeholder Workshop to allow participating stakeholders to ask clarifying questions either verbally or by way of the WebEx system. Consumers Energy and Enel X also established a third window towards the end of the second Stakeholder Workshop to allow participating stakeholders to submit general comments and suggestions.

Following the second Stakeholder Workshop, Consumers Energy invited stakeholders to submit comments and suggestions via email to a Consumers Energy managed email account (pwr-rfp@cmsenergy.com).

Further, within 35 calendar days of the second Stakeholder Workshop, both Consumers Energy and stakeholders had an opportunity to file comments about the reasonableness of Consumer Energy's competitive bidding procedures and to recommend changes and additions. Following the filing of comments and recommendations, both Parties would then have 21 calendar days to file responses (within Docket U-20165).

Ample opportunity was afforded to all stakeholders to examine and opine on various Consumers Energy RFP related matters. Throughout the Preparation Phase, stakeholders were kept apprised of the development of the Consumers Energy RFP and solicitation processes.

## **RFP Advertisement**

Enel X developed and scheduled the publication of a Consumers Energy 2020 Solar Solicitation advertisement, utilizing the advertisement template previously approved for publication by Consumers Energy. The RFP advertisement was run on the public homepage of the Utility Dive website.

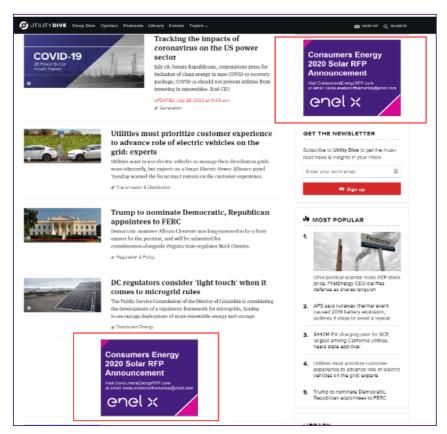
For the 2020 Solar Solicitation, the public advertisement was run for a longer duration of time compared to the 2019 Solar Solicitation advertisement, run within more sections of the public Utility Dive website, and ultimately captured a total of 40,000 unique impressions.

**Utility Dive** 

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 8 of 35 Witness: BASkowronski Date: October 2021

Utility Dive is public energy industry news website and daily newsletter that covers a wide breadth of news and trends of impact within the utility industry. The public Utility Dive website attracts 215,000+ monthly unique visitors, with primary viewership by the following company types: Investor Owned Utilities, Municipalities, Solar/Renewables Contractors, Developers, and Energy Performance Contractors.

A banner advertisement and native advertisement for the Consumers Energy RFP was run at the top of the Utility Dive homepage and two additional advertisements were run in-line with the Utility Dive homepage article listings. All advertisements were run from July 30, 2020 through August 6, 2020 and all contained a link to the public Solicitation Website (https://www.consumersenergyrfp.com) and an email address to the Independent Administrator.



Above: Native Advertisement, Below: Banner Advertisement

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 9 of 35 Witness: BASkowronski Date: October 2021



The publication of RFP advertisements marked the conclusion of the Preparation Phase, at which point the RFP process pivoted into its second stage, the Solicitation Phase.

# **Changes to 2020 Solar Solicitation**

A number of RFP process improvements were proposed and implemented following the 2019 Solar Solicitation. One of the more meaningful changes to the 2020 Solar Solicitation process was in the form of the introduction of a three-stage pre-qualification process as a screening and gatekeeping mechanism prior to the commencement of the PPA and BTA bidding windows. This three-stage qualification process was designed to ensure that 1) Respondent organizations have sufficient technical and financial capabilities to support to-be-proposed projects, 2) proposed projects meet or exceed all minimum requirements outlined within the RFP, and 3) Respondents are able to a) sufficiently cover proposal exposure with adequate pre-bid security, b) attest to having met all Solicitation requirements, and c) honor all non-negotiable sections of the Consumers Energy contract templates.

This three stage pre-qualification process was designed to support the proactive collection of various forms and proposal details earlier in the process than in the 2019 Solar Solicitation ensuring that all would-be Respondents and their proposed projects have been thoroughly reviewed prior to the conduction of the PPA and BTA pricing events.

Respondents that timely and fully satisfy all relevant prerequisite requirements associated with each stage of the qualification process received formal Notices to Proceed within subsequent stages of the Solicitation process leading up to the proposal submittal windows.

Another notable change to the 2020 Solar Solicitation process is the introduction of a Binding Affidavit, one of the required forms within the Appendix C document package associated with Stage 3 pre-qualification. Respondents will be required to submit binding affidavit attesting to, among other statements, the validity of provided project information and agreeing to honor all non-negotiable contract terms and conditions established by Consumers Energy within the RFP and all supporting appendices.

The final primary 2019-to-2020 change in the Solar Solicitation process is the introduction of live auction event in support of PPA proposal collection. Proposals for PPA contracts were to be submitted via a live online

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 10 of 35 Witness: BASkowronski Date: October 2021

reverse auction hosted on the Enel X Solicitation Platform. BTA proposals were still to be collected via a sealed bid event hosted on the Enel X Solicitation Platform.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 11 of 35 Witness: BASkowronski Date: October 2021

# **Solicitation Phase**

The Solicitation Phase of the Consumers Energy 2020 Solar Solicitation process covered a wide range of tasks from the issuance of a preliminary RFP notice on July 9, 2020 through the end of the proposal submission window on October 22, 2020.

During the Solicitation Phase, the Consumers Energy RFP was formally issued, would-be Respondents were engaged by Enel X through various communications channels, Respondent Qualification Applications, Project Qualification Applications, Binding Bid Agreements and Binding Respondent Affidavits and associated Respondent and Project pre-qualification materials were collected, a formal Questions and Answers process was managed, pre-bid credit was collected, proposals were submitted, and an initial IRP solicitation summary was generated, among a host of other support tasks.

# **RFP** Issuance

On July 9, 2020, a preliminary RFP notice was distributed via email by Enel X to the previously developed RFP listserv. The preliminary RFP notice contained general details regarding the soon-to-be-released RFP and associated documents as well as the email address for the Independent Administrator. Enel X made note of undeliverable email notices and worked to obtain substitute email addresses for such organizations with invalid email addresses and/or contacts.

On July 29, 2020, a formal RFP release notice containing Solicitation Website access instructions was distributed via email by Enel X to the RFP listserv, at which point the public Solicitation Website and an initial set of RFP documents and materials were made accessible on the Enel X Solicitation Platform (usernames and passwords were not required to access such content). The following materials were included within the initial set of RFP documents and materials made available on July 29, 2020:

- 1. Consumers Energy Company 2020 Solar Generation Projects RFP
- 2. Appendix A: Respondent Qualification Application Due by 5:00 PM EPT on August 5, 2020
- 3. Appendix C: Binding Bid Agreement and Binding Respondent Affidavit
- 4. Appendix D-1: Build Transfer Agreement Pricing Bid Form
- 5. Appendix D-2: Power Purchase Agreement Pricing Bid Form
- 6. Appendix H: Build Transfer Agreement Technical Specifications
- 7. Appendix I: Exceptions to Build Transfer Agreement Technical Specifications
- 8. Appendix J: Value Added Criteria Qualification Form
- 9. Appendix K: Acceptable Manufacturers List Process
- 10. Appendix L: Low Income County List

On August 12, 2020, the following materials were issued and posted to the Solicitation Website:

- 1. Appendix B-1: Project Qualification Application
- 2. Appendix B-2: Project Qualification Database
- 3. Appendix F: Power Purchase Agreement (Transmission) Template
- 4. Appendix G: Power Purchase Agreement (Distribution) Template

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 12 of 35 Witness: BASkowronski Date: October 2021

On August 17, 2020, the following materials were issued and posted to the Solicitation Website:

- 1. Appendix E-1: Build Transfer Agreement Term Sheet
- 2. Appendix E-2: Build Transfer Agreement Template

All parties could access the initial Solicitation Platform website without restriction and without any prerequisite set up work by Enel X (in the same fashion any public website could be accessed). By hosting and promoting (via advertisement) a public RFP website, Enel X ensured that all potential Respondents and other interested parties could access all RFP materials – even if they were not included on the initial RFP listserv.

### Solicitation Platform

The Solicitation Platform for the 2020 Solar Solicitation is the Enel X Exchange. For the purpose of the 2020 Solar Solicitation, a public Solicitation Website (accessible without a username and password) was hosted on the Solicitation Platform. The Solicitation Website is further described below. Respondents that were prequalified to participate in this RFP received unique usernames and passwords to access the Solicitation Platform. Only pre-qualified Respondents received usernames and passwords to the Solicitation Platform and the required permissions needed to submit proposals. Bidding instructions and demonstration materials were posted on the Solicitation Platform. Multiple demonstrations of the proposal submission process were held for pre-qualified Respondents. Respondents participating in the PPA Live Reverse Auction Event were provided with additional information and training on the use of the Platform prior to participation.

### Solicitation Website

The Enel X public Solicitation Website containing all Consumers Energy RFP information and associated documents, materials was published on July 29, 2020. The Solicitation Website served as a central RFP data repository throughout the Solicitation Phase and provided all Respondents with a single-site resource for accessing all RFP content necessary to participate within the 2020 Solar Solicitation process and submit proposals.

By utilizing a single site to host all relevant RFP information and documents, Enel X was able to ensure that all Respondents received access to the same materials at the same time. Further, any RFP materials that received updates or amendments were uploaded to the Solicitation Website and notice of their upload was published via email from Enel X, ensuring that parties did not work off of stale versions of amended documents.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 13 of 35 Witness: BASkowronski Date: October 2021

# enel x

ANNOUNCEMENT VIEW: 15863 - CONSUMERS ENERGY COMPANY - 2020 REQUEST FOR PROPOSALS FOR SOLAR GENERATION PROJECTS - AWARD SELECTIONS TO BE CONVEYED TUESDAY, NOVEMBER 24, 2020

### Introduction





### RFP Overview:

Consumers Energy Company ("Consumers Energy" or the "Company") will seek competitive bids in response its Request for Proposals ("RFP") from participants in the MISO Energy Market in accordance with the Company's Proposed Course of Action in its Integrated Resource Plan. Enel X North America, Inc. ("Enel X") will administer the solicitation through this Solicitation Website on Consumers Energy's behalf in accordance with the RFP, currently hosted in the 'Documents' section of this website. With this RFP, Consumers Energy will solicit proposals for solar generation projects as described within the posted RFP. Responses to the upcoming RFP will only be accepted through the Enel X Solicitation Website.

### Company Background:

Consumers Energy is the principal subsidiary of Jackson-based CMS Energy Corporation and is Michigan's largest energy provider, providing electricity and/or gas to almost 7 million of the state's 10 million residents in all 68 counties in the Lower Peninsula. Consumers Energy provides electric service to 1.8 million customers and serves 275 cities and villages in 61 counties. The Company operates 5 coal-fueled generating units, two oil/gas-fueled and two gas-fueled generating units, 13 hydroelectric plants, a pumped storage electric generating plant, two wind-powered energy parks, three solar photovoltaic generation systems and several combustion-turbine plants that produce electricity when needed during peak demand periods. The Company also purchases power from several independent power producers through long term power purchase agreements.

### RFP Purpose and Background:

The purpose of this Consumers Energy RFP is to 1) solicit offers for Consumers Energy to acquire solar generation projects and/or solar power purchase agreements ("PPAs") backed by projects located in that portion of the lower peninsula of the State of Michigan that is serviced by the Midcontinent Independent System Operator (MISO) and 2) solicit offers for PPAs with PURPA qualifying facilities 20MW and below located within Consumers Energy's service territory. Proposals located within this region (MISO's Local Resource Zone 7) are requested to support Consumers Energy's IRP. With this RFP, Consumers Energy is seeking to acquire solar generation projects and PURPA qualifying facilities that provide the lowest net costs to its customers. The structures that Consumers Energy will consider to accomplish the foregoing objectives are described in more detail in Section 6 of the RFP document.

### Requested Proposals, Projects:

Consumers Energy seeks to acquire up to 300 MW of additional aggregate nameplate capacity projects with commercial operation dates on or before May 31, 2023, all located in the State of Michigan's Lower Peninsula to support Consumers Energy's IRP. Of the 300 MW solicited, at least 150 MW will be acquired through long-term PPAs.

The Solicitation Website remained publicly accessible through the duration of the Respondent Pre-Qualification window. Following the Respondent Pre-Qualification window and the issuance of Stage 1 Notices to Proceed, the Solicitation Website became private (accessible behind-the-password) and Respondents in receipt of Stage 1 Notices to Proceed received user accounts to access the private version of the Solicitation Website.

# Respondent Engagement

Enel X made best efforts to engage every invited Respondent individually to ensure receipt of the RFP notice, confirm that they were able to access the Solicitation Website and RFP materials, provide platform training sessions, ensure Respondents were aware of the RFP schedule and milestones, and encourage any open/outstanding questions to be submitted for inclusion within the Questions and Answers log. Enel X also distributed numerous email reminders to all invited Respondents to provide alerts regarding upcoming scheduling milestones and approaching 2020 Solar Solicitation events.

The Enel X Independent Administrator team was accessible to Respondents throughout the 2020 Solar Solicitation process through a variety of communications channels to provide Respondents with any level of required support and guidance.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 14 of 35 Witness: BASkowronski Date: October 2021

# **Pre-Bid Conference Call**

On August 3, 2020, Enel X and Consumers Energy hosted a publicly accessible pre-bid conference call for all interested parties. A recording of the pre-bid conference call was posted on the Solicitation Website the following day, August 4, 2020, for those that were unable to attend the call live. Nearly 70 individuals attended the pre-bid conference call live and numerous other individuals downloaded a recording of the call afterwards.

During the Pre-Bid Conference Call, Consumers Energy and Enel X reviewed pertinent details regarding Consumers Energy RFP for Solar Generation Projects and discussed various RFP participation requirements. While some questions were submitted during the pre-bid conference call, such questions were added to the central Questions and Answers log and not addressed live during the call.



# **Questions and Answers Log, Process**

A formal Questions and Answers process was launched alongside the issuance of the Consumers Energy RFP on July 29, 2020. All parties were able to submit questions to the central Independent Administrator email account.

Enel X fielded, collated, anonymized, and provided answers to questions on Consumers Energy's behalf whenable within a centrally hosted Questions and Answers document. In the event that Enel X was unable to answer a question, such questions were provided to Consumers Energy for guidance while masking any identifying characteristics of the question submitter. All questions submitted and answers provided were approved by Consumers Energy prior to posting.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 15 of 35 Witness: BASkowronski Date: October 2021

\*\* QUESTIONS ADDED UNDER VERSION 4 OF THE Q&A LOG \*\*

G43: If a project currently has a queue position in OPP1 moving to DPP 2, and the project is expecting to obtain a second queue position for additional capacity at the same POI with a future DPP entry that has not occurred due to Queue delays, is the second position disqualified under the last sentence of the second paragraph, of Section 6.4?

A43: The capacity associated with the second position is not eligible to participate because it has not met the interconnection screening criteria. The capacity associated with the current OPP1 queue position is eligible to participate as long as the project is not withdrawn from the interconnection process and continues to move forward through the interconnection process.

Q44: Does Consumers plan to have full approval at the time of FPA execution—June 30, 2021? Can Consumers provide insight regarding this timeline for execution?

A44: No, Consumers Energy cannot guarantee the timing of the approval of the PPA, as it is subject to regulatory review by the MPSC. Following execution of the PPA, the Company will file for approval of the PPA with the MPSC.

Q45: Would Consumers consider purchasing the pro-rata output of a project under a PPA versus 100% of the output (i.e. output from 50 MIW125 MIW or 40% of total project output)?

A46: Yes. Consumers Energy would consider purchasing from a partial facility under a PPA, but not under a BTA. The template PPAs provided as Appendices F and G are intended to accommodate this type of pro-rata arrangement.

Q48: Does Consumers Energy have any preference for COOs earlier than the 9/31/2023 deadline? If so, it san earlier COO only preferred if it can participate in that year's MISO capacity period from June through August? In other words, is a 2022 (or 2021) COO only preferable if by 5/31/2022 (or 2021) and not 12/31/2022 (or 2021)?

A48: Consumers Energy is willing to accept proposals with a COD earlier than the 5/31/2023 deadline. The evaluation tool is set up to address an earlier start date for the ranking of proposals. However, there are no additional VAC or other preference taken into account for proposals that can achieve an earlier start date.

Q47: Does Consumers Energy require that a projectifacility has already obtained its QF status?

A47: No, however, the facility will need to achieve QF stalus prior to COD and maintain QF status through the term of the agreement. Proposals will not be accepted from facilities less than 20 MM that cannot reasonably be expected to obtain QF status in accordance with the applicable Federal Energy Regulatory Commission rules, procedures, and requirements for QF certification.

Q48: Can a project be submitted that is in development which meets the requirements of a QF but has not submitted the Forms and Fees to register that facility as a QF through FERC?

A48: Please see the response to Q47.

Q49: If a facility would be connected to the local distribution lines and not MISO, do you require the Ostegory 5 interconnection study with Consumers to be completed in order to submit the project?

A48: To meet the screening criteria for proposal eligibility, the project needs to have a completed Engineering Review, which is the first stage of the Company's distribution interconnection study process. The Distribution Study, which is the second stage of the study process, may still be outstanding.

Q50: The RFP states that a Completed Engineering Review is required, is that PE stamped engineering documents of the development side or is that a fully completed interconnection Study?

A60: The project one-line diagram must be sealed by a professional engineer licensed in the State of Michigan. This is confirmed during the application review process that precedes the Engineering Review size. Please also see the response to Q49.

Q51: "Section 1.5.3.1.4 of the Technical Specifications (Appendix H) requires only the use of SolarAnywhere 3.4 data in PvByst modeling." Can other data sets be used as long as SA v3.4 data is addressed in the analysis?

A61: The SolarAnywhere V3.4 solar resource data must be selected as the input to the PVSyst model. Alternative data sources or modified data sets shall not be permitted as the basis for the energy production estimate.

Q62: Section 8.3.5 of the RFP Document states that projects that have COD dates delayed due to transmission system network upgrades may still be acceptable for this RFP. Could that mean that a project that was submitted into the MSO 2020 study queue and hypothetically lendered a GIA with an online date later than 9/31/20 society due to transmission network upgrades could be considered? If so, are projects that do meet the mid-year COO timeline granted any special or favorable evaluation borrus?

AB2: All proposals are required to meet the interconnection status screening criteria regardless of the projected COO. Proposals will be accepted for projects that have CODs later than May 31, 2023 if the dealy in COO is due solely to delays caused by the correlation of network upgrades. Proposals will not be accepted for projects with projected CODs that cour inter than December 31, 2023 regardless of the cause of the delay in COO. Projects that meet mid-year COD are not granted any special bonus or consideration, however the evaluation to will not recognize capacity revenue for MISO Planning Year 2023 for proposals with CODs that are expected to occur after May 31, 2023 which will have an impact to the final ranking of the

QBS: How much flexibility does one have on the information submitted within the Project Qualification Application? Can output information be updated? Do we have the ability to submit additional projects after the August 29° deadline?

A88: There is limited flexibility on information submitted within the Project Qualification Application post submission of the information. The permissibility to update information will be determined on a case by case basts. Respondents must inform Enel X of any anticipated changes to the project as soon as possible to determine if the proposate significant affected and, if applicatioe, what adoltional information is required to be provided by the

A total of 53 unique questions (many parties submitted substantively the same question/questions) were received and addressed across three different issuances of the Questions and Answers log. Each time an updated Questions and Answers log was made available on the Solicitation website a correspondent email notice was issued to the RFP listserv to ensure all parties were aware of its publication.

# Respondent, Project, and Contract Template Pre-Qualification

In order to achieve pre-qualification status and obtain permission to submit proposals, RFP Respondents were required to meet a number of participation prerequisites and partake in a multi-stage qualification process consisting of a Respondent Qualification Stage (Stage 1), a Project Qualification Stage (Stage 2), and a Contracts and Bid Security Qualification Stage (Stage 3).

The three-stage qualification process was designed to ensure that 1) Respondent organizations have sufficient technical and financial capabilities to support to-be-proposed projects, 2) proposed projects will be able to meet or exceed all minimum requirements outlined within the 2020 Solar Solicitation, and 3) Respondents are able to a) sufficiently cover proposal exposure with adequate pre-bid security, b) attest to having met all

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 16 of 35 Witness: BASkowronski Date: October 2021

Solicitation requirements, and c) honor all non-negotiable sections of the Consumers Energy contract templates.

Respondents that timely and fully satisfied all relevant prerequisite requirements associated with each stage of the qualification process received formal Notices to Proceed within subsequent stages of the Solicitation process leading up to the proposal submittal windows. Respondents that ultimately received Stage 3 Notices to Proceed were granted permissions to submit executable proposals for award consideration.

# Respondent Qualification Stage (Stage 1)

Respondents interested in participating within the 2020 Solar Solicitation were required to be pre-qualified and meet all relevant participation pre-requisites outlined within the RFP and communicated by Enel X. Respondent organizations were required to complete and submit a Respondent Qualification Application, including Forms 1 through 5 by August 5, 2020.

The Respondent Qualification Application included a Credit Pre-Qualification Application, a non-binding form that Respondents must complete and submit to provide pertinent details of their organization that could be used by Consumers Energy to conduct credit evaluations.



The following five forms were contained within the Respondent Qualification Application document package:

### Form 1 – General Information

 Within Form 1 of the Respondent Qualification Application, Respondents are asked to provide general information about their organization. Respondents were able to attach additional sheets and materials if-needed.

### • Form 2 – Contact Information

 Within Form 2 of the Respondent Qualification Application, Respondents are asked to provide complete contact information of the primary and secondary RFP representatives within their organization. Assigned Representatives received all communications and were granted permissions to act on the entity's behalf.

### Form 3 – Financial Information

 Form 3 of the Respondent Qualification Application captured financial and credit related information regarding each Respondent organization. Additionally, Respondents were asked to

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 17 of 35 Witness: BASkowronski Date: October 2021

provide details regarding their technical experience in developing utility scale solar projects. Respondents were able to attach additional relevant materials if-needed to cover all requested content outlined within Form 3.

### • Form 4 – Respondent Organization Affiliations

 Form 4 of the Respondent Qualification Application provided a means for Respondents to disclose any direct or indirect affiliations held with other prospective Respondents. If affiliations were identified, Respondents were required to provide further detail in the comments section at the bottom of Form 4 to describe the nature of said affiliations.

### Form 5 – Attestations

 Within the final form of the Respondent Qualification Application, Form 5, Respondents must review and agree to four attestations before printing, signing, scanning, and sending their completed Respondent Qualification Application.

Enel X reviewed the information provided by Respondents within submitted Respondent Qualification Applications and worked with select Respondents to clarify various Notice of Intent form contents as-needed, if-needed.

Following the Respondent Qualification Application submission deadline, a formal remediation period began. Within the remediation period, Enel X provided Respondents with a list of both requests for clarifications and any open remediation needs. Respondents had an opportunity to provide clarifying guidance and/or cures to any identified remediation need(s) prior to the determination and ultimate issuance of Stage 1 Notices to Proceed.

Respondents that met all relevant requirements of the Respondent Qualification Stage received a Stage 1 Notice to Proceed and were provided with detailed information regarding the next steps within the Solicitation Process, including a formal invitation to participate within the Project Qualification Stage (Stage 2).

# Respondent Qualification Applications Submitted

The following table details a summary of the submitted Respondent Qualification Applications received by Enel X in advance of the August 5, 2020 submission deadline. No Respondent Qualification Applications were received by Enel X after August 5, 2020 nor were any Respondents denied permission to participate within the RFP process due to inability to meet the Respondent Qualification Application submission deadline (given that all interested parties submitted required forms by August 5, 2020).

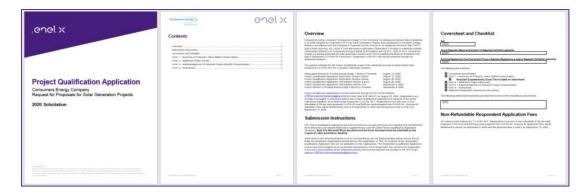
Criteria	Value
Total Number of Pre-Qualified Respondents	30

Respondents that submitted Respondent Qualification Applications received receipt confirmation notices from Enel X, which contained a summary of next-steps within the RFP process.

# Project Qualification Stage (Stage 2)

Qualified Respondents were required to complete and submit a Project Qualification Application, including Forms 1 through 4 and a Project Qualification Database by August 25, 2020.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 18 of 35 Witness: BASkowronski Date: October 2021



The following four forms were contained within the Project Qualification Application:

# • Form 1 – Summary of Project(s), Value Added Criteria

 Within Form 1 of the Project Qualification Application, Respondents are asked to provide detailed information about their proposed projects and applicable Value Added Criteria within the Appendix B-2 Project Qualification Database.

# • Form 2 - Additional Project Details

 Within Form 2 of the Project Qualification Application, Respondents were asked to provide specific details regarding their Organization's experience in developing similar projects and any potential impediments that could have prevented specific projects from being qualified to bid in the RFP.

### • Form 3 – Acknowledgement of Required Project-Specific Documentation

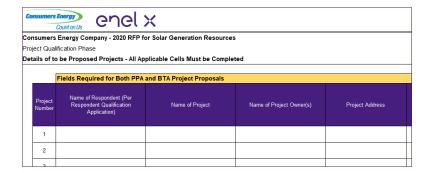
 Form 3 of the Project Qualification Application provided a check list of Required Project Documents each Respondent was responsible to provide in separate files.

### Form 4 – Attestations

Within the final form of the Project Qualification Application, Form 4, Respondents were required to review and agree to four attestations before printing, signing, scanning, and sending their completed Project Qualification Application to Enel X.

The Project Qualification Application also included a supplementary Excel database (Appendix B-2) used to gather pertinent project-specific details of Respondent-proposed projects and intended Value Added Criteria claims.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 19 of 35 Witness: BASkowronski Date: October 2021



# **Project Qualification Applications Submitted**

The following table details a summary of the submitted Project Qualification Applications received by Enel X in advance of the August 25, 2020 submission deadline. No Project Qualification Applications were received by Enel X after August 25, 2020 nor were any Respondents denied permission to participate within the RFP process due to inability to meet the Project Qualification Application submission deadline (given that all interested parties submitted required forms by August 25, 2020).

Criteria	Value
Total Number of Pre-Qualified Respondents	30
Total Number of Submitted Project Qualification Applications	19
Total Number of Proposed Projects	43
Number of PURPA QF (Up to 20 MW)	13
Number of Solar Generation Facilities (Greater than 20 MW)	30
Total Amount of Proposed Capacity (MW)	2,456.01
PURPA QF Capacity (MW)	65.51
Solar Generation Facilities (Greater than 20 MW) Capacity (MW)	2,390.50

Of the 30 pre-qualified Respondents, 11 elected not to proceed forward within the 2020 Solar Solicitation and, by-choice, did not submit Project Qualification Applications. The 11 Respondents that declined to submit Project Qualification Applications noted a variety of reasons for their decisions – ranging from realization that their proposals did not conform to RFP requirements, language in finalized PPA and BTA contract templates, to simply deciding to pursue other transactional opportunities. Enel X requested additional detail from every Respondent that initially expressed interest in participating within the RFP and later declined, although Respondents often did not provide detailed reasoning(s) behind their withdrawal decisions.

# Contracts and Bid Security Qualification (Stage 3)

Qualified Respondents with Qualified Projects were required to complete and submit an Appendix C document package containing both a Binding Bid Agreement and Binding Respondent Affidavit by October 14, 2020.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 20 of 35 Witness: BASkowronski Date: October 2021



The following two forms were contained within the Appendix C document package:

### Form 1 – Binding Bid Agreement

 Within Form 1 of the Binding Bid Agreement and Binding Respondent Affidavit, Respondents attested to the terms, conditions and requirements of the provisions defined in the Consumers Energy RFP document and that the Bids submitted will be bound until June 30, 2021.

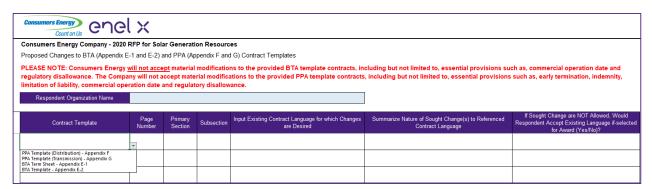
# Form 2 – Binding Respondent Affidavit

 Within Form 2 of the Binding Bid Agreement and Binding Respondent Affidavit, Respondents attested to the terms, conditions and requirements of the provisions defined in the Consumers Energy contract templates.

# Redlines to BTA and PPA Agreements

Qualified Respondents with Qualified Projects were able to submit/propose redlines to certain components of the Consumers Energy contract template for consideration. Consumers Energy reviewed proposed contract template modifications and provided clarifying guidance to Respondents in the form of updated contract templates prior to requiring Respondents to submit their agreement to honor such contract templates (contained within the Binding Respondent Affidavits).

Respondents submitting/proposing redlines to the Consumers Energy PPA and/or BTA contract template were required to submit an Excel file summarizing the nature of their sought contract template changes.



Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 21 of 35 Witness: BASkowronski Date: October 2021

Proposed modifications to the Consumers Energy contract templates were due September 15, 2020. Of the 19 Respondents that could have submitted proposed modifications (Respondents having at least one pre-qualified project), nine Respondents submitted multiple changes for the PPA contract language and eight Respondents submitted multiple changes for the BTA contract language.

While the Consumers Energy RFP provided examples of material modifications that would not be considered, a comprehensive list of unacceptable contractual changes was not provided. Further, Enel X elected not to qualify or determine the acceptability of redlined contract changes on behalf of Consumers Energy or pursue contractual discussions related to certain redlined changes.

Enel X compiled an anonymized summary of Respondent-proposed changes to the Consumers Energy contract templates and provided its prepared summary to Consumers Energy on September 17, 2020. Consumers Energy reviewed Respondent-proposed changes to its contract templates and elected to update its PPA contract templates in response to Respondent-proposed changes.

Updated PPA contract templates were circulated to Respondents by Enel X on October 6, 2020. All PPA proposal pricing was required to be based on the updated PPA contract templates and any Respondents selected for PPA contract awards were required to honor said templates (as stated in Sections 7.4 and 6.9 of the Consumers Energy RFP). The BTA Term Sheet and BTA Template were not updated. Following distribution of contract template guidance on October 6, 2020, Respondents had until October 14, 2020 to agree to honor the material terms contained within the contract templates by way of attestation via the Binding Respondent Affidavit (Form 2 of the Appendix C document package).

As stated in Section 9.3 of the Consumers Energy RFP, Consumers Energy's commencement of and participation in negotiations with Respondents selected for preliminary award shall not be construed as a commitment to execute a contract. Only execution of a definitive agreement by both Consumers Energy and the Respondent on mutually acceptable terms will constitute a "winning proposal". As such, Respondents and Consumers Energy are afforded opportunity to establish mutually acceptable forms of contract during due diligence discussions.

### **RFP Application Fees**

Respondents submitting proposals for solar generation facilities with capacities greater than 20 MW were required to pay a non-refundable RFP application fee of \$300.00 for each project that it intended to offer through the 2020 Solar Solicitation. Respondents submitting proposals for PURPA qualifying facilities with capacities less than 20 MW were required to pay a non-refundable application fee of \$150.00 for each project that it intended to offer through the 2020 Solar Solicitation.

Respondents that did not submit owed application fees in-full prior to the remittance deadline outlined within the Enel X invoice (September 15, 2020) were to be disqualified from submitting proposals through the 2020 Solar Solicitation. Out of the 19 Qualified Respondents that submitted Project Qualification Applications, one declined to continue forward in the RFP process and did not ultimately submit RFP application fees. In total, 18 Respondents submitted RFP application fees for to Enel X. No Respondents were denied permission to participate further within the RFP process due to inability to post RFP application fees in a timely manner.

# Appendix C Document Packages Submitted

Exhibit No.: A-1 (BAS-1) Page: 22 of 35 Witness: BASkowronski Date: October 2021

Case No.: U-20165

The following table details a summary of the submitted Appendix C document packages received by Enel X in advance of the October 14, 2020 submission deadline. No Appendix C document packages were received by Enel X after October 14, 2020 nor were any Respondents denied permission to participate within the RFP process due to inability to meet the Appendix C document package submission deadline (given that all interested parties submitted required forms by October 14, 2020).

Criteria	Value
Total Number of Qualified Respondents with Qualified Projects	19
Total Number of Respondents Submitted Application Fees	18
Total Number of Respondents Submitted an Appendix C	12

Of the 18 pre-qualified Respondents with pre-qualified projects that had submitted RFP application fees, six elected not to proceed forward within the 2020 Solar Solicitation and by-choice did not submit Appendix C document packages. The six Respondents that declined to submit Appendix C document packages noted that the requirement to agree to honor the material terms contained with the Consumers Energy contract templates as a primary reason for their withdrawals.

# **Pre-Bid Security Collection**

All Respondents were required to post pre-bid credit in United States Dollars ("USD"). Respondents were only given the option to remit cash collateral to satisfy pre-bid credit requirements.

The pre-bid credit posting requirement for all Respondents was set at \$1,500 per MW proposed. As an example, a Respondent submitting multiple proposals with a cumulative offer capacity of 200 MW would be required to post \$300,000 in pre-bid security. Pre-bid credit posting amounts are unique to the projects being proposed – i.e. a Respondent proposing the same project via PPA and BTA arrangements did not need to post double the amount of pre-bid security.

All Qualified Respondents with Qualified Projects were required to post Pre-Bid Security credit posting cash deposits were detailed within the RFP document and posted on the Solicitation Website. Interest was not to be paid on any pre-bid credit provided.

Failure to provide a Pre-Bid cash deposit would have resulted in Respondent's disqualification from further participation within the RFP. Pre-bid credit for parties selected for provisional award is to be held through the execution of definitive agreements. Pre-bid credit for parties not selected for award will be returned following the conclusion of the Valid Proposal Duration (June 30, 2021).

All 12 of the Respondents that submitted Appendix C Document packages continued forward in the 2020 Solar Solicitation and posted required pre-bid security.

No Respondents were denied permission to participate further within the RFP process due to inability to post required pre-bid security in a timely manner. Further, Respondents were able to make adjustments if needed to pre-bid security in advance of pre-qualification determinations should their intended offer plan within their Intent to Bid package change.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 23 of 35 Witness: BASkowronski Date: October 2021

### Final Pre-Qualification Statuses

A total of 12 Respondents were eligible to receive Stage 3 Notices to Proceed and permission to offer proposals within the Consumers Energy RFP. All 12 Respondents received Stage 3 Notices to Proceed and permissions to submit proposals in either the PPA Live Reverse Auction Run on the Enel X Solicitation Platform on October 20, 2020 and/or the BTA Sealed Bid Event Run on the Enel X Solicitation Platform on October 22, 2020.

Criteria	Value
Total Number of Respondents Receiving Stage 3 Notices to Proceed	12
Number of Respondents Qualified for PPA Submission	10
Number of Respondents Qualified for BTA Submission	10

Within the Stage 3 Notice to Proceed status emails from Enel X, Respondents were provided with a summary of the pre-bid security they posted, a maximum allowed aggregate offer capacity, an Enel X Solicitation Platform username and password, and a detailed Enel X Solicitation Platform user guide (proposal submittal guide).

# **Proposal Submissions**

# **PPA Proposals**

All PPA proposals were required to be submitted through a live auction process in order to remain in consideration within the Consumers Energy 2020 Solar Solicitation. The PPA live auction event opened at 10:00 AM EPT on October 20, 2020 and concluded at 11:00 AM EPT on October 20, 2020. Within the PPA live auction event, Respondents were required to submit pricing in the form of a net levelized energy price in dollars per megawatt hour (\$/MWh) for each submitted project proposal.

After submitting initial bids within the PPA auction event, Respondents were provided with visibility to the prevailing best bid amount within the PPA auction event and were able to monitor movements to the prevailing best bid amount and respond accordingly during the bidding window.

Additionally, all supporting PPA bid forms and required proposal contents were due by 5:00 PM EPT on October 20, 2020. Respondents were able to either attach proposal files and contents to an email or provide a link to a shared filed site within an email directly to Enel X via cecia.enelxnorthamerica@enel.com.

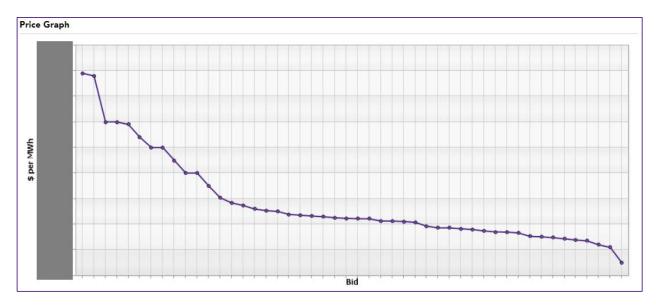
Enel X contacted all participating PPA auction bidders to ensure readiness on the day of the auction event and all Respondents intending to submit PPA proposals were able to successfully submit their proposals within the auction event. A total of nine Respondents submitted PPA proposals for 19 unique projects within the PPA auction event. A total of 48 bids were placed within the hour long PPA auction event.

Representatives from Consumers Energy were able to observe anonymous bidding activity within the PPA auction event and monitor the auction event during the hour long bidding window. Feedback conveyed to Consumers Energy during the live auction event was limited to the prevailing best bid (net levelized energy price), a graphical representation of submitted bids as shown below, and a live clock showing the time

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 24 of 35 Witness: BASkowronski Date: October 2021

remaining within the auction event. Consumers Energy was not able to observe any data regarding the identities of participating Respondents.

A redacted PPA auction price graph showing the total number of bids placed within the 2020 Solar Solicitation PPA auction event is detailed below.



# **BTA Proposals**

All BTA proposals were required to be submitted through a sealed bid process in order to remain in consideration within the Consumers Energy 2020 Solar Solicitation. The BTA sealed event remained open from 10:00 AM EPT until 5:00 PM EPT on October 22, 2020. Within the BTA sealed event, Respondents were required to upload all relevant proposal documents within the Solicitation Platform.

A total of ten Respondents submitted BTA proposals for 21 unique projects within the sealed BTA event.

# **Preliminary Solicitation Summary**

On October 19, 2020, Enel X distributed a preliminary, blind (all Respondent-identifying data removed) 2020 IRP Solicitation Summary containing the aggregate number of projects offered, the aggregate number of Respondents, aggregate MW totals, and a summary of deltas between the 2019 and 2020 Solar Solicitations.

The following bulleted list and summary points detail key components of the Preliminary Solicitation Summary prepared/provided to Consumers Energy on October 26, 2020:

- Total Number of Unique Respondents: 12 (compared to 13 in 2019 Solar RFP)
- Total Number of Unique Projects: 23 (compared to 34 in 2019 Solar RFP)
  - o Total Number of PURPA QFs: 5 (compared to 15 in 2019 Solar RFP)
  - o Total Number of Projects to be Offered via PPA: 19

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 25 of 35 Witness: BASkowronski Date: October 2021

- o Total Number of Projects to be Offered via BTA: 21
- Total Amount of Qualified Capacity (MW): 1,683.10 (compared to 1,883.33 in 2019 Solar RFP)

Enel X noted small year-over-year decline in total numbers of Respondents, projects, and cumulative project capacity, although the caliber and maturity of proposed projects submitted within the 2020 Solar Solicitation was stronger. Declines in total project count were driven near solely by reduced quantities of PURPA QFs being offered through the 2020 Solar Solicitation, with 10 fewer PURPA QFs offered via the 2020 Solar Solicitation versus the 2019 Solar Solicitation. The decline in offered PURPA QFs is not as notable when considering the one-to-many relationship typically seen with Respondents offering PURPA QFs (as an example, it is not uncommon to see the same Respondent propose five to seven PURPA QFs).

### Conclusion of Solicitation Phase

Enel X affirms that all Respondents in receipt of Stage 3 Notices to Proceed, apart from Respondents withdrawing from the solicitation process voluntarily, were able to successfully submit proposals within the Enel X Solicitation Platform. No Respondents were denied the ability to submit proposals or otherwise limited in their ability to submit proposals, apart from self-derived constraints (posted bid security, application fees, etc.).

Enel X also affirms that throughout the Solicitation Phase, no detail was provided or shared with Consumers Energy containing any Respondent-identifying information that could create any selection bias.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 26 of 35 Witness: BASkowronski Date: October 2021

# **Evaluation Phase**

The Evaluation Phase of the Consumers Energy RFP process spanned from October 22, 2020 through November 24, 2020, with primary components of the Evaluation Phase encompassing the initial screening of submitted proposals and the preparation and delivery of blind final evaluation results to Consumers Energy.

# **Initial Screening for Eligibility**

Given the level of detail provided within the Consumers Energy RFP materials regarding proposal/project requirements and the full slate of Respondent prerequisite participation requirements, Enel X observed that Respondent proposals were naturally 'self-screened' through the 2020 Solar Solicitation process. As highlighted by Respondent and project attrition seen through various RFP stages (Respondent Qualification Application submissions, Project Qualification Application submissions, Appendix C document set submissions, RFP application fee posting, pre-bid credit posting, etc.), numerous Respondents removed numerous projects from the RFP process that did not meet various requirements or had been deemed infeasible.

# **PPA Proposal Screening**

Upon conducting its initial screening to determine proposal eligibility, Enel X noted that one submitted PPA proposal was invalid due to failure of the submitting Respondent to provide required proposal materials. The Respondent that submitted the invalid PPA proposal did not provide any of the required final bid forms or supporting documents to go alongside their proposal.

Enel X informed the submitting Respondent of the ineligibility of their submitted PPA proposal and provided the Respondent with an opportunity to provide missing materials per the Clarification of Proposals section within the RFP (Section 10.1.1). The Respondent in-question did not provide missing proposal materials within the allotted response window and later confirmed intent to Enel X of their desire to withdraw from the solicitation process.

Additionally, another Respondent submitted its two projects with multiple different pricing structures, including structures with pricing escalators and hub settlements (versus project busbar). Per the RFP, Respondents were to provide fixed pricing and, per the PPA Contract Templates, settlement is to occur at the busbar. The Respondent's pricing proposals with escalators and/or hub settlement were deemed ineligible and removed from consideration.

No points of contention or arguments were raised regarding the determination of proposal validity.

# **BTA Proposal Screening**

Upon conducting its initial screening to determine proposal eligibility, Enel X determined that no submitted BTA proposals were ineligible.

Requests for Clarification, Additional Proposal Details

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 27 of 35 Witness: BASkowronski Date: October 2021

Enel X issued multiple requests for clarification and/or additional proposal details from Respondents that submitted appropriate proposal forms with select fields denoted as either "TBD", "Confidential", or fields that were not entirely clear upon review. Additionally, Enel X issued clarification requests to Respondents that did not furnish all required supporting proposal documentation.

All requests for clarification and/or additional proposal details were related to proposal contents not including bid price (either Net Levelized Energy Payment for PPA proposals or Total Build Transfer Pricing for BTA proposals). At no point were any Respondents allowed to change and/or modify their bid price (in the event a Respondent would attempt to do so while providing clarifying proposal data).

Additionally, Respondents were not allowed to modify any proposal terms that would alter the conforming nature of their proposals. Respondents were not given any advantage or disadvantage as a result of the request for clarification process.

Upon consultation with Consumers Energy, Enel X elected to extend the window of time during which Respondents could satisfy requests for clarification to remain eligible within the 2020 Solar Solicitation and revised select dates within the RFP Schedule accordingly.

The selection by Consumers Energy of PPA and BTA Proposals for provisional award, the Distribution of Award Statuses, and the Provision of Selected Proposal Details to Consumers Energy were moved to occur on November 24, 2020. The commencement of Consumers Energy's Due Diligence Review of Selected Proposals was also moved to occur on November 30, 2020.

The RFP Schedule changes were made in accordance with Section 3.6 (Schedule) and Section 11 (Reservation of Rights) of the RFP to extend the proposal evaluation period to afford Respondents with additional time to satisfy requests stemming from Section 10.1.1 (Clarification of Proposals). Respondents having received requests to provide additional information about technical items within their proposals would now have until 4:00 PM EPT on Tuesday, November 17, 2020 to respond to and satisfy such requests to remain in consideration within the RFP. As stated in Section 10.1 (Initial Proposal Review), Enel X did not accept updated pricing or other material changes from Respondents during this evaluation period.

# **Blind Final Evaluation Results**

During the Final Evaluation Results phase of the Consumers Energy RFP process, Enel X developed ranked lists of each eligible/valid PPA and BTA proposals utilizing the PPA and BTA Economic Models developed by Consumers Energy.

Within the blind Evaluation Results ranking sheets, Enel X included an individual proposal line item for each valid proposal variant. As an example, if a Respondent submitted the same project and proposal format with an offered cost for a 20-yr term and an offered cost for a 25-yr term, each offered variant would be evaluated and each would receive its own proposal identifier and line item within the ranked list. Enel X would make note of proposals bearing mutually-exclusive award consideration under such scenarios.

Through the conclusion of the Solicitation Phase and during both the Evaluation and Selection Phases, Respondents did not have any insight into the total number of Respondents that had submitted proposals into the RFP, the total number, quantity, or type of projects offered, or the ranking of their submitted proposals

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 28 of 35 Witness: BASkowronski Date: October 2021

against others. As detailed within Section 10.2 of the Consumers Energy RFP, Respondents were aware of the method of which proposals would be evaluated.

Per Section 10.2 of the Consumers Energy RFP; Proposals were to be evaluated based on projected costs, projected commodity value, value added criteria. The economic evaluation would consist of first calculating the total projected cost of a proposal. Second, the projected value of the commodities provided by the proposed project would be subtracted from the total projected cost to calculate a net cost for the proposal. Lastly, the value-added criteria will be subtracted from the net cost to determine the final, adjusted net cost of the proposal. Projects were then be ranked based on their adjusted net cost.

Enel X was to provide two separate blind rankings of proposals, one consisting of PPA proposals and another consisting of BTA proposals. Consumers Energy intended to make its selections based on the blind ranking. Consumers Energy would then select winning proposals in order of lowest to highest adjusted net costs with regards to both blind rankings.

### Distribution of Blind Final Evaluation Results

After obtaining responses to the last remaining requests for clarification and additional information by November 17, 2020, a final version of the Blind Evaluation Results file was developed and circulated by Enel X to the Consumers Energy team.

Within the email message to which the final iteration of the blind Evaluation Results file was attached, Enel X detailed the nature of the requests for clarification and additional proposal detail received and the proposals to which such information were attributed. No Respondent-specific data was conveyed nor were any details provided that would reveal any Respondent-identifying data. Enel X also made note of any mutually-exclusive proposal variants.

The final Evaluation Results file distributed on November 17, 2020 served as the basis for ultimate selections.

Within the initial BTA Proposal Evaluation Results, Respondent-provided end of project life assumptions (expected operating life) we taken into consideration while evaluation proposals.

Upon further review and discussion with the Consumers Energy team, the BTA Proposal Evaluation Results were updated to apply the same uniform 25-year operating life and five year salvage value to all project proposals to be able to more uniformly assess project proposals based on Consumer Energy's standard operating life forecasts.

# **Evaluation Phase Conclusion**

Enel X affirms that throughout the Evaluation Phase, no detail was provided or shared with Consumers Energy containing any Respondent-identifying information that could create any selection bias.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 29 of 35 Witness: BASkowronski Date: October 2021

# **Selection Phase**

The Selection Phase of the Consumers Energy RFP process primarily consisted of an independent, internal, review of the Final Evaluation Results conducted by Consumers Energy, which culminated in Consumer Energy's conveyance to Enel X of proposals selected from the Final Evaluation Results for preliminary award.

Consumers Energy utilized the final version of the PPA and BTA Proposal Rankings distributed by Enel X on November 17, 2020 to make its preliminary award selections.

# PPA Proposal Preliminary Section Methodology

As described in Section 10.3 of the Consumers Energy RFP, Consumers Energy sought to provisionally select PPA proposals for more capacity than it will ultimately execute definitive agreements for in an effort to ensure a timely, successful conclusion to the 2020 Solar Solicitation.

# BTA Proposal Preliminary Section Methodology

Consumers Energy ultimately elected to serially select, or select as needed, BTA proposals for provisional award rather than provisionally over-awarding BTA proposals as done with PPA proposals.

# **Consumers Energy Preliminary Provisional Award Selections**

On November 23, 2020, Consumers Energy informed Enel X via email of the proposal(s) it had selected for preliminary award.

All preliminary provisionally awarded proposals represented unique and distinct projects.

Within email notices to Respondents selected for preliminary provisional awards, Respondents were reminded that selection for a "preliminary award" does not mean that the Respondent is guaranteed a contract, as Consumers Energy may preliminarily award more capacity than it ultimately contracts for to expedite the negotiation and due diligence processes.

# **Enel X Reveal of Preliminary Selected Blind Proposals**

On November 23, 2020, Enel X provided Consumers Energy with details of the proposals it selected from the Final Evaluation Results, including the identities of submitting Respondents and associated projects.

Summary tables were provided via email to Consumers Energy on November 23, 2020 for both PPA and BTA preliminary award selections (marking the first time that Consumers Energy has been made privy to proposal details).

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 30 of 35 Witness: BASkowronski Date: October 2021

Enel X provided Consumers Energy with a cataloged inventory of all relevant proposal materials submitted by the Respondents associated with each selected proposal. Enel X provided such information by way of a secured file sharing site and redacted/withheld any information regarding other projects/proposals submitted by selected Respondents that are not being chosen for preliminary award.

Enel X did not provide Consumers Energy with a complete catalog of all Respondent proposals, as Consumers Energy should remain effectively blind to the proposals not selected for preliminary award (should secondary selections be made).

# **Preliminary Award Notices**

On November 24, 2020, Enel X distributed preliminary award status notices via email to each of the 12 Respondents that submitted proposals into the 2020 Solar Solicitation. The preliminary award status notices for each Respondent contained a listing of the proposals they submitted and a notation regarding whether or not the corresponding proposal had been selected for a preliminary award. Respondents were not able to see any proposal data associated with other Respondents, any detail regarding the ranking of their submitted proposals against selected proposals, or any details regarding number of proposals awarded or the detail of such.

Respondents were advised that, pursuant to Subsection 10.2 of the Consumers Energy RFP; Consumers Energy has made preliminary award selections and will soon initiate a due diligence review of selected proposals and Respondents.

Included within the preliminary award status notifications was language that affirmed that a Respondent's selection for a "preliminary award" does not mean that the Respondent is guaranteed a contract with Consumers Energy. Furthermore, Consumers Energy's commencement of, and participation in, due diligence reviews and contract negotiations shall not be construed as a commitment to execute a contract with a Respondent. Only execution of a definitive agreement by both Consumers Energy and the Respondent on mutually acceptable terms will constitute a "winning proposal". Additionally, Respondents not selected for preliminary awards were reminded that they must hold proposal terms, and pricing, valid until June 30, 2021 in the event Consumers Energy elects to pursue alternate proposals.

Enel X affirms that throughout the Selection Phase, no detail was provided or shared with Consumers Energy containing any Respondent-identifying information that could create any selection bias.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 31 of 35 Witness: BASkowronski Date: October 2021

# **Independent Administrator Conclusions**

# **Analysis of RFP Process**

From the onset of the Consumers Energy RFP process, sharp focus was placed on ensuring the fairness and transparency of the RFP process – across all of its primary phases. Enel X was involved in all primary facets of the RFP process from the Preparation Phase onward and concludes that each primary facet of the RFP process was conducted and managed professionally, fairly, and without bias.

During the Preparation Phase, great efforts were made to engage RFP stakeholders and ensure that stakeholder feedback, comments, questions, and concerns were addressed as much as able.

During the Solicitation Phase, a very wide net, via public advertisement and email notices, was cast to ensure a broad market canvasing of the RFP and open-access to all RFP materials by all parties. Across a number of participation prerequisites, all Respondents were held to a uniform standard and provided support to ensure that they could meet such standards. Through the proposal submittal process, all Respondents submitted proposals through the same, central, location on the Enel X Solicitation Platform.

During the Evaluation Phase, Respondents were contacted to clarify proposal attributes and all Respondent proposals were evaluated and scored utilizing the same tools, which had been made available to all parties during the RFP process so that they could see exactly how their proposals would be assessed. During the development of blind Evaluation Results files, Consumers Energy was restricted from accessing any Respondent or project identifying data to ensure that selections could be made in a completely blind environment with no Respondent bias.

During the Selection Phase, Consumers Energy followed a formal process to convey its blind selections prior to receipt of details regarding selected proposals from Enel X. Enel X notified all Respondents of their preliminary award statuses in a uniform fashion while providing clear detail and guidance regarding the nature of preliminary awards.

Throughout the RFP process, Consumers Energy was effectively limited in its involvement and Enel X, as the Independent Administrator, was able to manage the RFP process without undue influence.

# **Attestations**

Enel X attests that the following conditions were satisfied:

- The solicitation process was fair:
- The screening factors and weights were applied consistently and comparably to all bids;
- All reasonably available data and information necessary in order for a potential bidder to submit a bid was provided;
- The IA was provided with or given access to all data, information and models relevant to the solicitation process in order to permit full and timely scoring, testing and verification of assumptions, models, inputs, outputs, and results;

Exhibit No.: A-1 (BAS-1) Page: 32 of 35 Witness: BASkowronski Date: October 2021

Case No.: U-20165

- The confidentiality claims and concerns between the IA and the Owner were resolved in a manner that
  preserved confidentiality as necessary, yet permitted dissemination and consideration of all information
  reasonably necessary for the bidding process to be conducted fairly and thoroughly; and
- Evaluations were performed consistent with criteria and methods stated under the solicitation protocol document.

# **Conflict of Interest Declarations**

Enel X contends that there were not real conflicts of interest present with the solicitation Respondents. Consumers Energy and Enel X did, however, receive concerns from a Respondent regarding the Respondent's perceived conflict of interest in having Enel X serve as the Independent Administrator given the presence of other Enel Group entities within the renewable energy development community.

Enel X affirmed to all Respondents that it is a distinct and independent operating company from Enel Green Power (a renewable energy developer). Further, Enel X stated that it does not have a renewable energy development arm or ability/intent to participate within the Consumers Energy RFP process. While both separate Enel entities share part of a common name and holding company, there are no overlapping components between each entity and absolutely no preferential treatment(s), reciprocal or otherwise, given between Enel X and Enel Green Power.

Enel X, as the Independent Administrator, does not, did not, and will not share the sensitive information provided by Respondents with affiliates of Enel or other Enel Group companies. Further, Enel X has conducted and managed all facets of the Consumers Energy RFP process with the utmost transparency while ensuring that all Respondents are treated fairly, equitably, and without bias (real or perceived).

Enel X takes both our partners' and Respondents' confidentiality and the establishment of a level playing field for all Respondents seriously and has detailed protocols to ensure that all confidential information remains confidential and that all administered RFPs afford equal opportunity to every Respondent.

Enel X employees must observe an obligation of confidentiality and neutrality while performing Independent Administrator services, and may not disclose confidential information outside of Enel X (including employees of other companies of the Enel Group, respondents, other customers, etc.) or provide preferential treatment to any respondent. For this purpose, Enel X has established:

- Physical separation of databases belonging to different companies within the Enel group;
- Regulation of access to the Enel X Solicitation Website; and
- Signature of a specific confidentiality and neutrality declaration by each Enel X employee providing
  these services in order to define a general duty of confidentiality and neutrality in the performance of
  their activities.

To further enforce such positions, Enel X also offered all Respondents the opportunity to establish a non-disclosure agreements ("NDAs"). Ultimately, only one Respondent established an NDA with Enel X to alleviate

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 33 of 35 Witness: BASkowronski Date: October 2021

perceived concerns and no Respondents declined to participate due to any noted conflict of interest (be it with Enel X or other perceived Respondents).

# **Recommended RFP Process Improvements**

Enel X recommends that Consumers Energy considers the following potential RFP and Solar Solicitation improvements and enhancements:

- 1. Modify title of each Respondent form/document package to reference the Appendix letter associated (as stated within the RFP document).
- 2. Add additional definitions to various topics within the RFP document, including the following:
  - a. Capacity Credit Factor
  - b. Capacity Value
  - c. Proposals including Escalators
  - d. Change in project ownership prior to proposal submission, specifically if it remains under the same parent company (in terms of implication to previous granted qualification status)
- 3. Remove in-line key dates and RFP schedule from the RFP document and only host a complete schedule centrally on the Solicitation Website. Due to RFP schedule changes, the dates listed within the original RFP document and associated forms were not always accurate, which led to some Respondent confusion.
- 4. Shift forms to Excel format to enable IA to more efficiently combine Appendices.
- 5. Update BTA Economic Model to remove input fields for end of project life assumptions for new solar resources and create dynamic toggle for resource type ("new" or "existing") with selection of "existing" creating end of life fields.
- 6. Establish locked, forced-response, proposal documents. Enel X recommends that proposal documents be revised and that select fields within proposal documents contain logic that would require Respondents to enter certain values in order to complete. Host any proposal documents requiring signature/execution on Docusign (or equivalent) platform to ensure agreements are executed with no changes.
- 7. Consider limited Respondent indemnification within Binding Bid Agreement to value of posted pre-bid security (currently uncapped).
- 8. Consider modifying pre-bid security return language for parties having executed agreements with Consumers Energy to have pre-bid security withheld through to the provision of contract security.
- 9. Revisit contract templates and determine whether or not additional procedural steps could be established to enforce use of final contract templates.
- 10. Afford additional time to the Independent Administrator to conduct final proposal screenings following the tendering of final proposals.

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 34 of 35 Witness: BASkowronski Date: October 2021

Pre-existing recommendations stemming from the 2019 Solar Solicitation:

- Establishment of a formal process for managing award selections when top ranked proposals are for fractional quantities of sought totals. In the event a top ranked proposal is not for the full quantity solicited by Consumers Energy, Enel X recommends that a process be developed that would afford Consumers Energy with greater flexibility to select proposals that would afford desired quantities.
- Determine whether or not a standard process for which macro-level aggregate proposal details may be shared with Respondents should be established. Following the conveyance of preliminary awards, many Respondents have requested insight into the level of response seen within the RFP, detail regarding the rank of their proposals, and information relative to the range of pricing seen across BTA proposals submitted.
- 3. Continue to evaluate ways in which Evaluation Models may be modified with additional fixed/default calculation/ranking mechanisms. Given the bespoke nature of long term renewable contracts, both PPAs and BTAs, Enel X recommends that the Consumers Energy Evaluation Models be revised to further limit the amount of Respondent-provided costs, particularly those that are ultimately accounted for outside of proposal prices that are captured within the models.

# **Virtual MPSC Staff Audit**

On September 1, 2021, Enel X and Consumers Energy hosted a virtual MPSC Staff audit within two distinct Microsoft Teams virtual meeting rooms, one meeting room managed and hosted by Consumers Energy and a separate meeting room managed and hosted by Enel X. The purpose of the audit was to provide MPSC Staff with full visibility into all facets of the RFP, allow MPSC staff to conduct an independent review of RFP processes, the competitive bidding dynamic, proposal rankings, and selections/results while making both the Enel X and Consumers Energy RFP teams accessible for any questions. All supporting audit materials, including confidential materials, were only accessible by MPSC Staff within a private Enel X SharePoint site within which materials were not available for download or exportation.

The virtual audit followed the following Run of Show on September 1, 2021:

- 9:00 AM EPT 9:30 AM EPT Consumers Energy, Enel X, and MPSC Staff Convened in Consumers Energy Microsoft Teams Room, Consumers Energy and Enel X Presented Overview of 2020 Solar Solicitation
- 9:30 AM EPT 12:00 PM EPT Enel X and MPSC Convened in Enel X Virtual Audit Microsoft Teams Room, MPSC Staff Conducted Review of 2020 Solar Solicitation
- 12:00 PM 1:00 PM EPT Session Break
- 1:00 PM 1:30 PM EPT Consumers Energy, Enel X, and MPSC Staff Convened in Consumers Energy Microsoft Teams Room, MPSC Staff Addressed Open Questions for Consumers Energy
- 1:30 PM EPT 2:45 PM EPT Enel X and MPSC Convened in Enel X Virtual Audit Microsoft Teams Room, MPSC Staff Continued Review of 2020 Solar Solicitation
- 2:30 PM EPT 3:10 PM EPT Consumers Energy, Enel X, and MPSC Staff Convened in Consumers Energy Microsoft Teams Room, MPSC Staff Addressed Additional Questions for Consumers Energy and Consumers Energy Reviewed Closing Remarks, Detailed Next-Steps

Case No.: U-20165 Exhibit No.: A-1 (BAS-1) Page: 35 of 35 Witness: BASkowronski Date: October 2021

The audit session began at 9:00 AM EPT on September 1, 2021 within the Consumers Energy hosted Microsoft Teams meeting room with Consumers Energy, Enel X, and MPSC Staff present. Consumers Energy and Enel X provided MPSC Staff with an overview of its RFP and supporting processes, a summary of proposals and capacities submitted, and a summary of near term milestones relating to the current RFP and future IRP solicitations.

At 9:30 AM EPT, the audit session transitioned from the Consumers Energy hosted Microsoft Teams meeting room to the Enel X hosted virtual audit Microsoft Teams meeting room with only Enel X and MPSC Staff present. Once in its virtual audit Microsoft Teams meeting room, Enel X provided all members of MPSC Staff in attendance with access permissions to a private online SharePoint file directory containing all RFP materials and process documents.

Within its private online SharePoint file directory, Enel X made available to MPSC Staff electronic copies of all RFP materials, process documents, response summaries, proposal submissions, proposal evaluations, proposal scoresheets/rankings, and its IA Report. Only Restricted Access permissions were provided to MPSC Staff within the online SharePoint file directory, which only allowed for the viewing of materials within SharePoint and did not allow for the download or printing of any hosted materials.

Enel X answered any MPSC Staff questions related to RFP processes and procedures and provided guidance on the materials it made available in support of the audit. In the event questions arose regarding Consumers Energy-developed RFP templates, models, or methodologies, Enel X cataloged these questions and tabled them for addressing upon return to the Consumers Energy hosted Microsoft Teams room.

At 12:00 PM EPT, the virtual audit session entered a one hour recess and at 1:00 PM EPT, Consumers Energy, Enel X, and MPSC Staff reconvened within the Consumers Energy hosted Microsoft Teams room. Upon reconvening, questions raised earlier by MPSC staff that required guidance and/or input from the Consumers Energy team were addressed. Following a brief discussion within the Consumers Energy Microsoft Teams meeting room, Enel X and MPSC Staff regrouped within the Enel X hosted virtual audit Microsoft Teams meeting room.

From approximately 1:30 PM EPT to approximately 2:45 PM EPT MPSC Staff continued its review of RFP materials with Enel X. At approximately 2:45 PM EPT, Consumers Energy, Enel X, and MPSC Staff reconvened within the Consumers Energy hosted Microsoft Teams room. Consumers Energy addressed remaining questions held by MPSC Staff, provided closing remarks regarding the next-steps within the RFP process, and then adjourned the audit session. Enel X then disabled all access permissions to its private online SharePoint file directory. The virtual audit itself ran from approximately 9:00 AM EPT to approximately 3:10 PM EPT on September 1, 2021.

Enel X affirms that during the MPSC Staff Audit no materials were provided to or shared with Consumers Energy containing any Respondent-identifying information. Further, Enel X affirms that no sensitive RFP materials or proposal documents were ever removed from the private online SharePoint file directory by parties in attendance.

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 1 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Execution Version

# RENEWABLE ENERGY PURCHASE AGREEMENT BETWEEN CONSUMERS ENERGY COMPANY AND CEREAL CITY SOLAR, LLC

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 2 of 76 Witness: BASkowronski Date: October 2021

### RENEWABLE ENERGY PURCHASE AGREEMENT

# PART I COVERSHEET

This Renewable Energy Purchase Agreement is made as of the following date: October 8, 2021. This Renewable Energy Purchase Agreement, together with the exhibits, schedules and any written supplements hereto, any designated collateral, credit support or margin agreement or similar arrangement between the Parties shall be referred to as the "Agreement." The Parties to this Agreement are the following:

Consumers Energy Company or ("Buyer") Cereal City Solar, LLC ("Seller")

All Notices: Consumers Energy Company

Street: 1945 W Parnall Road

City: <u>Jackson</u> State: <u>MI</u> Zip:49201

Attn: Electric Contract Strategies

Emily M. Walainis, Manager Supply

Contracts

Phone: <u>517-788-0217</u>

Email: energypurchase@cmsenergy.com

Invoices:

Attn: Jenny Rickard Phone: 517-788-0091

Email: jenny.rickard@cmsenergy.com

Scheduling:

Attn: Real-Time Operations
Phone: 517-788-1117

Email: N/A

**Contract Characteristics** 

Plant Name: <u>Cereal City Solar</u>
Plant Type: Solar Photovoltaic

Installed Capacity (MW<sub>AC</sub>: 100

Plant Location: <u>Calhoun County, Michigan</u>

Target Contract Capacity (MW<sub>AC</sub>): 100 207,612 Earnest Money Deposit: \$6,000,000

Form of Earnest Money Deposit: X Letter of Credit

\_\_ Interest Bearing Account

Early Termination Security Amount: See Exhibit A

, , ,

All Notices: Cereal City Solar, LLC

Street: 700 Universe Boulevard

City: Juno Beach

State: <u>FL</u> Zip: <u>33408</u>

Attn: Tori Hurner, Business Manager

Phone: <u>561-694-4242</u>

Email: <u>dl-nextera-north-region@nexteraenegy.com</u>

Invoices:

Attn: Melanie Powers, Sr. Accounting Mgr.

Phone: <u>561-304-5731</u> Email: neer-revenue-

team.sharedmailbox@nexteraenergy.com

Scheduling:

Attn: NextEra Energy Marketing Real-Time Desk

Phone: 561-625-7100

Email: nepm.realtimedesk@nee.com

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 3 of 76 Witness: BASkowronski Date: October 2021

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Target COD: May 31, 2023

Early COD: December 31, 2022

Expected Termination Date: May 31, 2048

Contract Term: <u>25</u> Years

Energy Purchase Price: See Exhibit E

Capacity Purchase Price: \$4,308.33/ZRC-month

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 4 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Other Contract Changes:

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 5 of 76 Witness: BASkowronski Date: October 2021

Terms and Conditions attached, and all Exhibits are part of this Agreement. BUYER AND SELLER EACH ACKNOWLEDGE HAVING READ SAID DEFINITIONS AND TERMS AND CONDITIONS AND AGREE TO SAID TERMS AND CONDITIONS.

Consumers Energy Company	Cereal City Solar, LLC
1945 W. Parnall Road	700 Universe Blvd
Jackson, MI 49201	Juno Beach, FL 33408
(Buyer)	(Seller)
By:(Signature)	By: (Signature)
Printed Name:	Printed Name: Matthew S. Handel
Title:	Title: Vice President
Date:	Date: 10/8/2021

Review and Approvals			
Contracts			
Risk			
Legal			

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 6 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Terms and Conditions attached, and all Exhibits are part of this Agreement. BUYER AND SELLER EACH ACKNOWLEDGE HAVING READ SAID DEFINITIONS AND TERMS AND CONDITIONS AND AGREE TO SAID TERMS AND CONDITIONS.

Consumers Energy Company	
1945 W. Parnall Road	
Jackson, MI 49201	
(Buyer)	(Seller)
By: ObcuSigned by: (Signature)  (Signature)	By:(Signature)
Printed Name: Garrick J. Rochow	Printed Name:
Title: President and CEO	Title:
Date: 10/12/2021   8:20 AM EDT	Date:

Revie				
Contracts	EMW <sub>Ds</sub>		10/8/2021   2:4	9 PM EDT
Risk	CBP	—ps	10/8/2021   4:5	4 PM EDT
Legal		als	10/8/2021   3:0	4 PM EDT

Tech. Accounting



10/8/2021 | 5:56 PM EDT

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 7 of 76 Witness: BASkowronski Date: October 2021

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# RENEWABLE ENERGY PURCHASE AGREEMENT BETWEEN CONSUMERS ENERGY COMPANY AND CEREAL CITY SOLAR, LLC

# Part II Table of Contents

PART	I —	Cover	sheet
PART	II -	Table	of Contents

# **PART III - Terms and Conditions**

1.	DEFI	NITIONS	1				
2.	GENI	GENERAL PROVISIONS					
	2.1.	Effective Date and Term	13				
	2.2.	Security for Performance	14				
	2.2.5	. Surety Bond	16				
3.	PRO	PRODUCT TO BE SUPPLIED					
	3.1.	Permits and Laws	18				
	3.2.	Emission Allowances/Environmental Attributes	18				
	3.3.	Renewable Energy Registration	19				
4.	MET	ERING	20				
5.	CON	STRUCTION OF PLANT AND COMMERCIAL OPERATION DATE	20				
	5.1.	Seller's Responsibility	20				
	5.2.	Seller's Obligation With Respect to Construction Start	20				
	5.3.	Commercial Operation Date	21				
	5.4	Test Energy	23				
6.	OPE	OPERATION OF PLANT					
	6.1.	Seller's Operating Obligations	24				
	6.2.	Outages of Generating Equipment	24				
	6.3.	Capacity Data	25				
	6.4.	Obligations to MISO	25				
	6.5.	Communications	25				
	6.6.	Uncompensated Curtailments	26				
7.	СОМ	COMPENSATION					
	7.1.	Energy Payment	27				
	7.2.	Capacity Payment	29				
	7.3.	No Incidental Energy or Test Energy Payment					
	7.4.	Regulatory Disallowance					
8.	EVEN	NTS OF DEFAULT					

# DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

9.	BILLIN	IG	32			
	9.1.	Billing Procedure	32			
	9.2.	Disputes	33			
10.	EARL'	Y TERMINATION	33			
	10.1.	Early Termination	33			
	10.2.	Early Termination Payment	34			
	10.3.	Duty to Mitigate	. 3			
11.	ADMIN	NISTRATIVE COMMITTEE	3			
	11.1.	Purpose	. 3			
	11.2.	Membership	3			
	11.3.	Meetings	. 36			
	11.4.	Functions	. 36			
	11.5.	Expenses	. 36			
12.	FORC	E MAJEURE	. 36			
	12.1.	Definition	. 36			
	12.2.	Obligations Under Force Majeure	37			
13.	INDEN	INITY	. 38			
14.	DISAG	REEMENTS	. 39			
	14.1.	Administrative Committee Procedure	. 39			
	14.2	Obligations to Continue	.4(			
15.	CHAN	GES CONCERNING APPLICABLE LAW	4(			
16.	SUCC	ESSORS AND ASSIGNS; OPTION	4(			
16.1	Succe	ssors and Assigns	4(			
16.2	Purch	ase Option	41			
17.	GOVE	RNING LAW; WAIVER OF JURY TRIAL	43			
18.	HEAD	INGS	43			
19.	NOTIC	E TO PARTIES	43			
20.	WAIVE	ER	43			
21.	NONSEVERABILITY4					
22.	MISCE	ELLANEOUS	44			
	22.1	No Third-Party Beneficiaries	44			
	22.2	Disclaimer of Joint Venture, Partnership and Agency	44			
23.	ENTIR	E AGREEMENT AND AMENDMENTS	4			
24.	ELIGIE	BLE CONTRACT PARTICIPANT	4			
25.	COUNTERPARTS AND ELECTRONIC DOCUMENTS45					
26.	LIMITATION OF LIABILITY45					

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 9 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

27. REPRESENTATIONS	46
Exhibit A Early Termination Security Amount Schedule	1
Exhibit B Form of Guaranty	1
Exhibit C Form of Collateral Assignment	1
Exhibit D Form of Estoppel Certificate	1
Exhibit E Energy Purchase Price Schedule	1
Exhibit F Monthly Escrow Payment	1
Exhibit G Legal Description of Plant Site	1
Exhibit H Form of Construction Report	1
Exhibit I Value Added Criteria Guarantees	1

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 10 of 76

Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

RENEWABLE ENERGY PURCHASE AGREEMENT

BETWEEN

CONSUMERS ENERGY COMPANY

AND

CEREAL CITY SOLAR, LLC

PART III
TERMS AND CONDITIONS

This Agreement is made and entered into as of the Effective Date (defined below), between "Buyer," and "Seller", both identified in Part I. Buyer and Seller are herein sometimes referred to individually as "Party" and collectively as "Parties" where appropriate.

WITNESSETH:

WHEREAS, this Agreement has been prepared pursuant to MCLA 460.1 and all other applicable law; and

WHEREAS, Buyer anticipates that the electric energy, electric capacity, and Renewable Energy Credits ("RECs") (defined below) shall be sold by Seller to Buyer under this Agreement pursuant to the Buyer's Integrated Resource Plan as approved in MPSC Case No. U-20165; and

WHEREAS, Buyer owns electric facilities and is engaged in the generation, purchase, distribution and sale of electric energy in the State of Michigan; and

WHEREAS, Seller owns and operates, or intends to build the generating plant identified in Part I; and

WHEREAS, Seller wishes to deliver and sell and Buyer wishes to receive and purchase all or a portion of electric capacity, electric energy, RECs (defined below) and all other emission allowances and/or environmental attributes from and associated with the Plant (defined below) in the quantities specified herein on and after its Commercial Operation Date (defined below) for the term of this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein set forth, the Parties hereto agree as follows:

1. <u>DEFINITIONS</u>

As used in this Agreement, the following terms shall have the following meanings

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 11 of 76 Witness: BASkowronski

Date: October 2021

unless specifically stated otherwise in this Agreement:

"Act 295" – Means Michigan Public Act 295 of 2008 (as amended and as in effect on the Effective Date of this Agreement).

"Act 304" – Means Michigan Public Act 304 of 1982 (as amended and as in effect on the Effective Date of this Agreement).

"Act 341" – Means Michigan Public Act 341 of 2016 (as amended and as in effect on the Effective Date of this Agreement).

"Act 342" – Means Michigan Public Act 342 of 2016 (as amended and as in effect on the Effective Date of this Agreement).

"Actual Availability" means, for any Planning Year, the percentage calculated as (a) 100, multiplied by (b) the result of (i) the sum of all Available Hours for each Inverter installed and commissioned at the Plant at the beginning of the relevant Planning Year, divided by (ii) the total number of Period Hours during such Planning Year for each Inverter that is installed and commissioned at the Plant at the beginning of the Planning Year.

"Administrative Committee" - The committee established pursuant to Section 11, Administrative Committee.

"Affiliate" – Means, with respect to any Person, any other Person (other than an individual) that, directly or indirectly, through one or more intermediaries, controls, or is controlled by, or is under common control with, such Person. For this purpose, "control" means the direct or indirect ownership of fifty percent (50%) or more of the outstanding capital stock or other equity interests having ordinary voting power.

"Agreement" - Is defined in Part I.

"Approval Date" - Is defined in Subsection 2.1, Effective Date and Term.

"Availability Damage Payment" – Is defined in Subsection 7.1, Energy Payment.

"Availability Shortfall MWhs" – means with respect to a Planning Year, the positive amount of MWhs, if any, equal to (i) the total Delivered Energy generated over the Planning Year, multiplied by (ii) Availability Standard divided by Actual Availability, minus (iii) the total Delivered Energy generated over the Planning Year.

"Availability Standard" - Is defined in Subsection 7.1, Energy Payment.

"Available Hours" - means with respect to any Inverter for any period, the sum of

Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 12 of 76

Witness: BASkowronski Date: October 2021

(i) the number of Period Hours in which such Inverter was electrically interconnected to the

Interconnection Facilities during such period, as counted by an Inverter's programmable logic

controller, and (ii) all Excused Hours for such period.

"Bankrupt" – Means with respect to either Party, such Party (i) files a petition or

otherwise commences, authorizes or acquiesces in the commencement of a proceeding or cause of action under any bankruptcy, insolvency, reorganization or similar law, or has any such petition filed

or commenced against it and such petition remains undismissed for a period of sixty (60) Days, (ii)

makes an assignment or any general arrangement for the benefit of creditors, (iii) otherwise becomes

bankrupt or insolvent (however evidenced), (iv) has a liquidator, administrator, receiver, trustee,

conservator or similar official appointed with respect to it or any substantial portion of its property or

assets, or (v) in a writing or other documentation demonstrates that it is generally unable to pay its

debts as they fall due.

"Billing Month" – Means the Calendar Month during which Product was delivered.

The first Billing Month with respect to Delivered Energy and Delivered RECs shall commence with

the Commercial Operation Date and end on the last day of the Calendar Month in which the

Commercial Operation Date occurs.

"Business Day" – Means a Calendar Day other than Saturday, Sunday or a Holiday.

"Buyer" - Means the Party so specified in Part I.

"Buyer's Share" - Means, from and after the Commercial Operation Date, the

amount, expressed as a percentage equal to, (i) the Contract Capacity divided by (ii) the Installed

Capacity.

"Calendar Day" or "Day" – Means the twenty-four (24) hour period beginning at 12:00

a.m. midnight Eastern Standard Time and ending at 11:59:59 p.m. Eastern Standard Time. The

terms Day and Calendar Day may be used interchangeably and shall have the same meaning.

"Calendar Month" or "Month" – Means the 28, 29, 30, or 31 Day period (as applicable)

that begins on the first Day of a calendar month and ends on the last Day of the calendar month.

The terms Month and Calendar Month may be used interchangeably and shall have the same

meaning.

"Calendar Year" or "Year" – Means the twelve (12) Month period beginning January

1 and ending the next subsequent December 31. The terms Year and Calendar Year may be used

interchangeably and shall have the same meaning.

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 13 of 76

Witness: BASkowronski Date: October 2021

"Capacity" – Means the instantaneous rate measured in MW at which energy can be

generated, delivered, received or transferred from the Plant.

"Capacity Purchase Price" - Means the price shown in \$/ZRC-month, for the

applicable Planning Year, as indicated in Part I.

"Commercial Operation Date" — Means the date established pursuant to

Subsection 5.3., Commercial Operation Date.

"Commissioned" – Means, with respect to any Plant solar array, that such solar array

has been installed and that Seller has taken all action necessary to enable the solar array to

commence extended and automated operation to deliver energy to the Point of Delivery.

"Compensated Capacity" - Means the average of (i) the Initial Resource Adequacy

Capacity and (ii) the actual Resource Adequacy Capacity awarded to Seller's Plant, as those

amounts are calculated for each applicable Planning Period, rounded to the nearest thousandth

of a ZRC. For the avoidance of doubt, Compensated Capacity is not necessarily equal to the

actual capacity delivered by Seller, and to which Buyer is entitled under this Agreement, for any

applicable Planning Period.

"Compensated Curtailment" - Means any curtailment of Buyer's Share of energy

from Seller's Plant that is not an Uncompensated Curtailment. Seller is entitled to payment for Lost

Production for a Compensated Curtailment, which includes an economic curtailment of the Plant's

output under order or instruction from MISO or Buyer to cease or modify operations at Seller's Plant

when hourly day ahead or real-time LMPs for the Plant's CPNode are less than \$0/MWh.

"Contract Capacity" – Means the Capacity of the Plant allocated by Seller to Buyer

that is utilized to supply this Agreement and will be determined as follows: (i) on the Commercial

Operation Date, the Contract Capacity shall mean the Capacity of the Plant allocated by Seller to

Buyer hereunder that has been Commissioned, and (ii) thereafter, to the extent additional Capacity

of the Plant is Commissioned and allocated by Seller to Buyer hereunder at any time within ninety

(90) days after the Commercial Operation Date, the Contract Capacity shall be increased by such

additional Commissioned amount; provided that in no event may the Contract Capacity exceed the

Target Contract Capacity.

"Contract Costs" – Means Seller's fees, legal expenses and other transaction costs

and expenses incurred by Seller in entering into an arrangement that replaces this Agreement and

are incurred in connection with the termination of this Agreement.

"Contract Energy" – Means the MWh/yr identified in Part I.

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 14 of 76 Witness: BASkowronski

Date: October 2021

"Contract Term" – Means the period of time specified in Part I, subject to the provisions in Subsection 2.1, Effective Date and Term, regarding any additional days required to complete a Planning Period.

"CPNode" - Has the meaning ascribed to such terms in the MISO Rules.

"Delay Damages" - Defined in Subsection 5.3, Commercial Operation Date.

"<u>Delivered Energy</u>" – Means Buyer's Share of the energy, expressed in MWh, produced by the Plant and delivered by Seller to the Point of Delivery as such amount of electric energy delivered is determined on an hourly basis pursuant to Section 4, <u>Metering</u>, but not to exceed Contract Capacity during any hour.

"<u>Delivered RECs</u>" – Means all RECs granted to Seller pursuant to Act 295 associated with Delivered Energy, including any Michigan incentive RECs, as such RECs are delivered to Buyer via the receipt by Buyer of such RECs in Buyer's MIRECS account.

"<u>Early Termination Payment</u>" – Defined in Subsection 10.2, <u>Early Termination</u> Payment.

"Early Termination Security" - Defined in Subsection 2.2, Security for Performance.

"<u>Early Termination Security Amount</u>" – Means the amount shown on the Early Termination Security Amount Schedule set forth in Exhibit A.

"Earnest Money Deposit" - Defined in Subsection 5.3, Commercial Operation Date.

"Effective Date" – Is defined in Subsection 2.1, Effective Date and Term.

"Emergencies" – A condition or conditions on the transmission system which the transmission owner and/or operator determined either has, or is likely to, result in significant imminent disruption of service to Seller, or imminent endangerment to life or property.

"Energy Purchase Price" – Means the price shown in \$/MWh, for the applicable Planning Year, on the Product Purchase Price Schedule set forth in Exhibit E as may be modified in accordance with Exhibit I.

"Environmental Attribute(s)" – Means an environmental benefit that is capable of being measured, verified or calculated associated with a fixed amount of electricity generation, usually from a specific generating plant, and is a separate product from the energy produced. Environmental Attributes represent the general environmental benefits of renewable generation such as air pollution avoidance. The exact quantity of the environmental benefit (e.g. pounds of emission reductions of a given pollutant) may not be indicated by an Environmental Attribute, though it may

Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2)

Page: 15 of 76 Witness: BASkowronski

Date: October 2021

be quantified separately in pollution trading markets and through engineering estimates. An

Environmental Attribute represents an environmental benefit, whether or not trading markets for such

pollutants or benefits exist. For the avoidance of doubt, Environmental Attributes excludes (i) any

local, state or federal depreciation deductions or, Federal Tax Benefits, other tax credits or cash

grants providing a tax or cash benefit to Seller or its owners based on ownership of, or energy production from, any portion of the Plant that may be available to Seller or its owners with respect to

the Plant under applicable laws, and (ii) depreciation and other tax benefits arising from ownership

or operation of the Plant.

"Escrow Account" - Means an account used to retain the monthly or one-time

payment as described in Subsection 2.2, Security for Performance.

"Exempt Operational Periods" – Those periods described in 18 CFR § 292.304(f) as

in effect as of the Effective Date of this Agreement, wherein Buyer has notified Seller in a timely manner to cease delivery of electric energy hereunder during a specified period in which Seller would

otherwise have electric energy available for delivery but, due to operational circumstances,

purchases from Seller would in Buyer's reasonable judgment result in costs greater than those that

would result if Buyer generated an equivalent amount of energy through its own facilities. This period

is used only in the event that this Agreement was entered into between the Parties for the purposes

of satisfying the Buyer's must purchase obligation in accordance with "Qualifying Facilities" under the Public Utility Regulatory Policies Act of 1978, Public Law 95-617, 92 Stat 3117 and the

implementing Federal Regulations promulgated thereunder as such are amended to the Effective

Date of this Agreement and appear at 18 CFR §§ 292.101 through 292.602, throughout the term of

this Agreement.

"Excused Hours" - Means, with respect to any Inverter, those hours during which

such Inverter is not electrically interconnected to the Interconnection Facilities during such period, as

counted by an Inverter's programmable logic controller, and it is not so interconnected or is unable

to schedule or deliver all or a portion of generated Energy that it would otherwise be physically

available to deliver to the Point of Delivery as a result of (i) Force Majeure, (ii) a Buyer default which,

if not cured, would constitute an Event of Default, (iii) Compensated Curtailments, (iv)

Uncompensated Curtailments, or (v) planned outages communicated by Seller to Buyer in

accordance with the third paragraph of Subsection 6.2, Outages of Generating Equipment .

"Federal Funds Effective Rate" - Means, for any Day, the interest rate per annum

equal to the rate published as the Federal Funds Effective Rate by the Federal Reserve Bank in its

release H.15 (519) (or, if such Day is not a Business Day, for the preceding Business Day).

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 16 of 76

Witness: BASkowronski Date: October 2021

"Federal Tax Benefits" – Means: (i) renewable electricity production tax credits under

Internal Revenue Code Section 45 or its successor, or (ii) investment tax credits under Internal

Revenue Code Section 48 or its successor.

"Force Majeure" - Is defined in Subsection 12.1, Definition, of Section 12, Force

Majeure.

"Gains" - Defined in Subsection 10.2, Early Termination Payment.

"Holiday" - Means the holidays observed by MISO. As of the Effective Date of this

Agreement, such holidays include New Year's Day, Memorial Day, Independence Day, Labor Day,

Thanksgiving Day and Christmas Day, or if the Holiday occurs on a Sunday, the Monday immediately

following the Holiday.

"Incidental Energy" – Means both (i) Buyer's Share of any electric energy delivered

hourly in excess of Delivered Energy, and (ii) Buyer's Share of any electric energy delivered when

the hourly day ahead LMP for the Plant's CPNode is negative, as such amount of electric energy

delivered is determined on an hourly basis pursuant to Section 4, Metering.

"Initial Resource Adequacy Capacity" — Means the Resource Adequacy Capacity of

Seller's Plant, in ZRCs, determined for each applicable Planning Period in accordance with MISO's

methodology for calculating Resource Adequacy Capacity as of the Effective Date of this Agreement.

The Parties acknowledge and agree that as of the Effective Date, in the absence of sufficient actual

historical data, MISO uses a class average pursuant to MISO Rules until sufficient actual data exists

to satisfy MISO's criteria. Thereafter, use of such actual historical data pursuant to MISO's

methodology for calculating Resource Adequacy Capacity in effect as of the Effective Date of this

Agreement for the Plant will determine the Initial Resource Adequacy Capacity of Seller's Plant, in

ZRCs.

"Installed Capacity" - Means the total nameplate capacity of the Plant as identified in

Part I expressed in MW, that has been Commissioned.

"Interconnection Agreement(s)" – Means the agreement(s) between Seller and the

applicable electric transmission system owner and/or operator which describes the terms and

conditions regarding the connection of the Plant to such electric transmission system.

"Interconnection Delay" – Means any delay that both (i) is unknown to Seller on the

Effective Date and (ii) occurs substantially due to causes outside of Seller's control, in the occurrence

of the Commercial Operation Date attributable to the applicable electric transmission or electric

distribution system owner and/or operator, provided that Seller shall use commercially reasonable

Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 17 of 76

Witness: BASkowronski Date: October 2021

efforts to avoid any such delay and limit the impact and resolve issues associated with any such

delay.

"Interconnection Facilities" means all the facilities installed for the purpose of

interconnecting the Plant to the electric transmission system, including, but not limited to, all

transformers and associated equipment, relay and switching equipment, and safety equipment.

"Interest Rate" - Means the Federal Funds Effective Rate.

"Inverter" – Means electrical equipment used to convert direct electrical current as

received from the solar photovoltaic modules to three phase alternating current.

"Joint Banking Day" - Means a Calendar Day on which the banks used by both

Parties for financial settlement hereunder are open for business.

"Late Payment Interest Rate" – Means the lesser of (a) the per annum rate of interest

equal to the prime lending rate as may be from time to time published in The Wall Street Journal

under Money Rates on such Day (or if not published on such Day on the most recent preceding Day

on which published), plus two (2%) percent or (b) the maximum rate permitted by applicable law.

"Letter of Credit" – Means an irrevocable, transferable, standby letter of credit, issued

by a major U.S. commercial bank or the U.S. branch office of a foreign bank with, in either case, a

credit rating of at least (a) "A-" by S&P and "A3" by Moody's, if such entity is rated by both S&P and

Moody's or (b) "A-" by S&P or "A3" by Moody's, if such entity is rated by either S&P or Moody's but

not both, in a form reasonably acceptable to Buyer, with such changes to the terms in that form as

the issuing bank may require and as may be acceptable to the Buyer.

"Locational Marginal Price" or "LMP" - Has the meaning ascribed to such term in the

MISO Rules.

"LMP Payment" - Means the Monthly payment, expressed in U.S. dollars, paid by

Seller to Buyer in accordance with Subsection 7.1, Energy Payment, which is equal to the sum of

the products of (i) hourly Delivered Energy for the applicable Billing Month and (ii) the hourly day-

ahead LMP for the CPNode associated with Seller's Plant for the applicable Billing Month.

"Losses" – Defined in Subsection 10.2, Early Termination Payment.

"Lost Production" – Means for any applicable period the quantity, if any, of Delivered

Energy Seller could have produced and delivered at the Point of Delivery during such period but that

was not produced and delivered as a result of a Compensated Curtailment, as determined based on

the Real-Time Generation Capability of the Plant.

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 18 of 76 Witness: BASkowronski

Date: October 2021

"Lost Production Damages" - Means the amount of compensation, if any, Seller is

entitled to receive as a result of a Compensated Curtailment, calculated as follows:

LPD = LP \* EPP

Where "LPD" means the Lost Production Damages in respect to any

applicable Calendar Month (expressed in dollars);

"LP" means the aggregate quantity of Lost Production during such Month

(expressed in MWh) and

"EPP" means the Energy Purchase Price applicable during such Month

(expressed in \$/MWh).

"Market Participant" - Has the meaning ascribed to such term in the MISO Rules.

"MECT" - Defined in Section 3, Product To Be Supplied.

"MDMA" – Means the MISO Meter Data Management Agent, as such term is defined

by MISO.

"MIRECS" - Means the Michigan Renewable Energy Certification System, including

any successor thereto.

"MISO" - Means Midcontinent Independent System Operator, Inc. including any

successor thereto and subdivisions thereof.

"MISO Rules" - Means the Open Access Transmission, Energy and Operating

Reserve Markets Tariff, including all schedules or attachments thereto, of MISO, as amended from

time to time, including any successor tariff or rate schedule approved by the Federal Energy

Regulatory Commission, together with any applicable MISO Business Practice Manual as amended

from time to time.

"MPSC" – Means the Michigan Public Service Commission.

"MPSC Approval Deadline" - Means the date established pursuant to Subsection 2.1,

Effective Date and Term.

"MW" – Means a megawatt of alternating current electrical Capacity.

"MWh" – Means a megawatt-hour of alternating current electrical energy.

"NERC" – Means the North American Electric Reliability Corporation, including any

successor thereto and subdivisions thereof.

Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 19 of 76

Witness: BASkowronski

Date: October 2021

"Period Hours" means, with respect to any Inverter, the period at the Plant expressed

in hours (or five minute increments, if available) where planes of array irradiance conditions are at or

above 200 watts per meter squared for the solar photovoltaic modules associated with such Inverter

to produce energy, as determined by solar irradiance data from Seller's onsite solar meteorological

measurement station at the Plant.

"Permitted Extensions" means, collectively, all extensions due to (a) Force Majeure

pursuant to Section 12, Force Majeure, but in no event shall such extension exceed one hundred

eighty (180) Days from the aforesaid date, (b) a breach of this Agreement by Buyer, (c)

Interconnection Delays and (d) if applicable, an extension in the MPSC Approval Deadline pursuant

to Subsection 2.1, Effective Date and Term.

"Person" – Means an individual, a corporation, partnership, limited liability

company, association, trust, unincorporated organization, or other legal entity or organization, or

any federal, state or local governmental body, agency, commission or authority.

"Planning Period" - Means the applicable resource planning period utilized by

MISO for capacity resource planning and/or assignment of Resource Adequacy Capacity to

Seller's Plant.

"Planning Year" - Means the 12 Month period beginning June 1 of a Year and ending

on May 31 of the immediately following Year as used in the MISO Rules.

"Plant" – Means the solar-power electric generating facility identified in Part I, having

an initial expected nameplate Capacity that equals or exceeds the Target Contract Capacity and

located at the Plant Site which shall include, but not be limited to: generating equipment, including

auxiliary and back-up; electric delivery facilities; administrative structures; meteorological

measurement stations; and such other necessary and related facilities, equipment and structures

associated with the generation of electricity.

"Plant Site" – Means the site upon which the Plant will be located as identified in Part

I and further described in Exhibit G. Such site shall be located in an electric service area of the state

of Michigan serviced by MISO and be of sufficient area to include the Plant and shall comply with all

laws, regulations and/or requirements imposed by any law, governmental agency or authority. The

Plant Site may include additional solar generation facilities that are not associated with either the

Plant or this Agreement.

"Point of Delivery" - Means the location at which Seller shall deliver energy from the

Plant to MISO at the applicable electric transmission system as established in the Interconnection

Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 20 of 76

Witness: BASkowronski

Date: October 2021

Agreement, which shall be the same point as the point of interconnection of the Plant as set forth

therein.

"Product" - Means Buyer's Share of (a) all Delivered Energy produced by and

associated with the Plant; (b) all Capacity and associated Resource Adequacy Capacity supplied by

and associated with the Contract Capacity; and (c) all Environmental Attributes (including emission

allowances and Delivered RECs) associated with Delivered Energy produced by and associated with

the Plant.

<u>"Prudent Utility Practices"</u> – Means the practices generally followed by the electric

utility industry, with respect to the solar generation facilities as changed from time to time, which

generally include, but are not limited to, engineering, operating, safety, reliability, equipment, and

adherence to applicable industry codes, standards, regulations and laws. Prudent Utility Practices

are not intended to be limited to the optimum practices, methods or acts to the exclusion of others,

but rather are intended to include acceptable practices, methods and acts generally accepted in the

solar energy generation industry in the Midwestern United States.

"Real-Time Generation Capability" – Means with respect to any period, the amount

of Buyer's Share of energy that could have been generated by the Plant and delivered to the Point

of Delivery during such period, calculated by the Seller in a commercially reasonable manner, taking

into account (i) the actual power curve as tested by a third party prior to the Commercial Operation

Date of the solar photovoltaic modules and Inverters installed at the Plant reflecting the quantity of

energy that would be generated by such modules and Inverters, adjusted to reflect the most recent

power curve test, if any, (ii) weather conditions at the Plant during such period, including

measurements of solar insolation and temperature, as measured by the weather monitoring

equipment at the Plant, or if such equipment is unavailable, using other available data reasonably

acceptable to the Parties, and (iii) relevant line and step-up transformer losses to the Point of

Delivery.

"Reliability Authority" – Means MISO, International Transmission Company, Michigan

Electric Transmission Company, NERC, ReliabilityFirst Corporation, and any successor entity to the

foregoing entities, and any other regional reliability council and any other regional transmission

organization, in each case having jurisdiction over either or both of the Parties, the Plant, or MISO's

transmission system, whether acting under express or delegated authority.

"Renewable Energy Credit(s)" or "REC(s)" - Has the meaning specified for the term

"Renewable energy credit" in MCL 460.1011(c), and as may be amended in the future.

Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 21 of 76

Witness: BASkowronski Date: October 2021

"Resource Adequacy Capacity" – Means the contribution of the Buyer's Share to the Unforced Capacity value for the Plant for each Planning Period as determined by MISO under the

MISO Rules as converted to ZRCs by Seller.

"Seller" - Means the party so specified in Part I.

"Special Land Use Permit" - Means a validly executed document meeting the

requirements of the Marshall Township, Michigan zoning ordinance and other applicable laws, which entitles Seller to construct, operate, maintain, repair, improve or remove the Plant or take any other

actions with respect to the Plant under this Agreement.

"Statement" – Is defined in Subsection 9.1, Billing Procedure.

"Surety Bond" – means a bond that is issued by a surety or insurance company with,

in either case, a credit rating of at least (a) "A-" by S&P and "A3" by Moody's, if such entity is rated

either by both S&P or Moody's or (b) "A-" by S&P or "A3" by Moody's, if such entity is rated by either

S&P or Moody's but not both, in a form reasonably acceptable to Buyer.

"Target Contract Capacity" – Means the total amount of capacity expressed in MW

as identified in Part I.

"Target COD" – Is defined in Subsection 5.3, Commercial Operation Date, as may be

extended as provided herein.

"Termination Deadline COD" – Means the Day that is one hundred-eighty (180) Days

after the Target COD.

"Test Energy" - Means that energy which is produced by the Plant prior to the

Commercial Operation Date, delivered from Seller at the Point of Delivery, which is necessary in

order to perform all testing of the Plant or otherwise produced by the Plant and delivered to the Point

of Delivery prior to the Commercial Operation Date.

"Uncompensated Curtailment" - Defined in Section 6.6, Uncompensated

Curtailments.

"Unforced Capacity" – Has the meaning ascribed to such term in the MISO Rules.

"Zonal Resource Credits" or "ZRCs" - Has the meaning ascribed to such term in the

MISO Rules.

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 22 of 76 Witness: BASkowronski Date: October 2021

## 2. **GENERAL PROVISIONS**

### 2.1. Effective Date and Term

This Agreement shall be effective as of the date specified in Part I (the "Effective Date") upon execution by both Parties; provided, however that the Parties' rights and obligations under this Agreement shall be contingent upon the approval of: (a) this Agreement by the MPSC, and (b) the Plant's Special Land Use Permit by the Marshall Township Planning Commission in Marshall, Michigan. This Agreement shall be submitted by Buyer to the MPSC for approval of the payments set out herein for the purposes of Act 304, Act 295, Act 341, Act 342 and all other applicable law. The foregoing submission shall specifically request MPSC approval of cost recovery of all payments set forth in this Agreement, as well as approval of the portion of such payments that is recovered as a booked cost of purchased and net interchanged power pursuant to Act 304, and any financial recovery available to Buyer under MCL 460.6s or MCL 460.6t. Buyer shall (i) make such requests and file this Agreement with the MPSC as soon as reasonably practicable but in no event later than sixty (60) Days following the date this Agreement is executed by both Parties and (ii) use good faith, commercially reasonable efforts to obtain the approvals described above, and Seller shall cooperate reasonably with Buyer's efforts to make such requests and seek such approvals.

In the event that the MPSC does not approve this Agreement (the date of such approval, the "Approval Date") as described herein within one-hundred eighty (180) Days following the date this Agreement is submitted to the MPSC for approval ("MPSC Approval Deadline"), then the MPSC Approval Deadline shall be extended on a day-to-day basis for a period of up to an additional one hundred eighty days (180) Days, provided that such extension past the MPSC Approval Deadline shall also extend the Target COD pursuant to Subsection 5.3, Commercial Operation Date, of this Agreement on a day-to-day basis until MPSC approval is received. In the event that (i) the MPSC does not approve this Agreement as described herein within three hundred sixty (360) Days following the date this Agreement is submitted to the MPSC for approval, (ii) denies Buyer's application for MPSC approval as described herein, or (iii) the Plant's Special Land Use Permit is not approved by the Marshall Township Planning Commission in Marshall, Michigan within one-hundred eighty (180) Days after the Effective Date, then, in each case, this Agreement shall be void ab initio and neither party shall have any further liability hereunder. Once effective, unless terminated as provided in this Agreement, this Agreement shall commence on the Commercial Operation Date and continue in effect for the amount of years identified in Part I, plus any additional days that may be necessary to complete a Planning Period (such number of years and days is herein

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 23 of 76 Witness: BASkowronski Date: October 2021

called the "Contract Term").

### 2.2. Security for Performance

From and after thirty (30) Calendar Days after the Commercial Operation Date, Seller shall provide and maintain, as described herein, security in one of the forms described below for an amount equal to the Early Termination Security Amount specified in Exhibit A, Early Termination Security Amount Schedule (such security, the "Early Termination Security") for compliance with its payment obligations, during the term of the Agreement. Within five (5) Days after the Commercial Operation Date, Seller shall notify Buyer of the initial form of payment security that Seller has elected to use for the Early Termination Security. The Early Termination Security shall be provided via one of the forms and consistent with the timing provided for in this Subsection 2.2. Any portion of the Early Termination Security, including accumulated interest above the Early Termination Security Amount, remaining upon expiration or termination of this Agreement, after deduction for any payment obligations still owing to Buyer, shall be returned to Seller by Buyer within sixty (60) Days of such expiration or termination. Seller may change the form of such security at any time and from time to time upon reasonable prior notice to Buyer provided that (i) such security is at all times consistent with this Subsection 2.2 and (ii) Seller provides the replacement security instrument prior to terminating or withdrawing the then existing security instrument. In the event that (a) a replacement security is provided in accordance with the preceding sentence or (b) at any time Buyer holds Early Termination Security in more than the amount then required to be provided by Seller hereunder (excluding accumulated interest in excess of the Early Termination Security Amount), in each case, Buyer shall promptly return or release such prior and/or excess security to Seller and shall take such other action as Seller may reasonably request to evidence a return or release of such prior and/or excess security. The Early Termination Security Amount is intended to safeguard Buyer against undue financial risk, applicable to this Agreement, associated with the loss of Seller-provided Product during the term of this Agreement as a result of the termination of this Agreement by Buyer. Notwithstanding the aforementioned referenced safeguard for financial risk associated with loss of Product provided by Seller, a Party shall also be responsible for other damages it may cause the other Party, such as those specified in Subsection 10.2, Early Termination Payment, and Section 26, Limitation of Liability.

# 2.2.1. Letters of Credit

If Seller selects the Letter of Credit as its form of providing Early Termination Security, such Letter of Credit shall be in a form reasonably acceptable to Buyer and Seller shall provide and maintain a Letter of Credit to Buyer, in the amount set forth in Exhibit A either

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 24 of 76

Witness: BASkowronski

Date: October 2021

(a) if selected as the initial Early Termination Security, within thirty (30) Days after the Commercial

Operation Date or (b) if selected as replacement Early Termination Security, in accordance with

Subsection 2.2. All Letters of Credit provided in accordance with this Agreement shall be subject to

the following provisions:

Unless otherwise agreed in writing by the Parties, each Letter of

Credit shall be maintained for the benefit of the Buyer. The Seller shall (i) if necessary to maintain a

Letter of Credit throughout the term of this Agreement, renew or cause the renewal of each

outstanding Letter of Credit on a timely basis as provided in the relevant Letter of Credit, (ii) if the

bank that issued an outstanding Letter of Credit has indicated its intent not to renew such Letter of

Credit, provide either a substitute Letter of Credit or a different form of security in accordance with

Subsection 2.2, in each case at least twenty (20) Business Days prior to the expiration of the

outstanding Letter of Credit, and (iii) if a bank issuing a Letter of Credit shall fail to honor the Buyer's

properly documented request to draw on an outstanding Letter of Credit, provide an alternative form of security instrument meeting the criteria set forth in Subsection 2.2 within two (2) Business Days

after such refusal.

2.2.2. Interest Bearing Account

If Seller selects the one-time escrow payment as its form of Early

Termination Security, Seller shall provide a cash payment to Buyer in the amount set forth in Exhibit

A. Such cash shall be the property of Seller and held by Buyer as cash collateral for the performance

of Seller's obligations hereunder. Buyer shall establish an interest-bearing account with the

administrative costs incurred by that account to be borne by the account with the cash payment

provided by Seller. Interest on cash provided in accordance with this Subsection 2.2.2 shall accrue

at a rate per annum equal to the Interest Rate.

2.2.3. Monthly Escrow Payment

If Seller selects the monthly escrow payment as its form of Early

Termination Security, Buyer will retain during each Billing Month a portion of the energy payment

equal to the monthly escrow payment determined in Exhibit F, which retained portion shall be the

property of Seller and held by Buyer as cash collateral for the performance of Seller's obligations

hereunder. Buyer shall establish an interest-bearing account with the administrative costs incurred

by that account to be borne by the account with the monthly escrow payments provided by Seller.

Interest on cash provided in accordance with this Subsection 2.2.3 shall accrue at a rate per annum

equal to the Interest Rate.

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 25 of 76

Witness: BASkowronski Date: October 2021

2.2.4. Guaranty

If Seller selects the guaranty form of Early Termination Security, such

guaranty shall be substantially in the form of Exhibit B hereto or such other form as is reasonably

acceptable to Buyer, from a guarantor, with a credit rating of at least BBB- or Baa3 either (a) if Seller

selects the guaranty as its initial form of Early Termination Security, Seller shall provide such

guaranty within thirty (30) Days after the Commercial Operation Date or (b) if Seller selects the

guaranty as replacement Early Termination Security, in accordance with Subsection 2.2. If the credit

rating of the guarantor is downgraded below BBB- by S&P or below Baa3 by Moody's, then Seller

shall be required to convert the guarantee provided to an alternative form of security instrument

meeting the criteria set forth in Subsection 2.2 no later than thirty (30) Days after receiving notice

from Buyer that such conversion is required pursuant to this paragraph.

2.2.5. Surety Bond

If Seller selects the Surety Bond as its form of Early Termination

Security, Seller shall provide a Surety Bond to Buyer in the amount set forth in Exhibit A either (a) if

selected as the initial form of Early Termination Security, by the date that is thirty (30) Days after the

Commercial Operation Date or (b) if selected as replacement Early Termination Security, in

accordance with Subsection 2.2. All Surety Bonds provided in accordance with this Agreement shall

be subject to the following provisions:

Unless otherwise agreed to in writing by the Parties, each Surety

Bond shall be maintained for the benefit of Buyer. Seller shall (i) if necessary to maintain a Surety

Bond throughout the term of this Agreement, renew or cause the renewal of each outstanding Surety

Bond on a timely basis as provided in the relevant Surety Bond, (ii) if the institution that issued an

outstanding Surety Bond has indicated its intent not to renew such Surety Bond, provide a substitute

Surety Bond or another form of security in accordance with Subsection 2.2 at least twenty (20)

Business Days prior to the expiration of the outstanding Surety Bond, and (iii) if an institution issuing

a Surety Bond shall fail to honor Buyer's properly documented request to draw on an outstanding

Surety Bond, provide an alternative form of security instrument meeting the criteria set forth in

Subsection 2.2 within two (2) Business Days after such refusal.

3. PRODUCT TO BE SUPPLIED

Subject to the terms and conditions of this Agreement, beginning on the Commercial

Operation Date, and continuing until the termination of this Agreement, Seller agrees to sell and

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 26 of 76

Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

supply to Buyer, and Buyer agrees to accept and purchase from Seller, all Product that Seller supplies and/or delivers to Buyer under this Agreement. Compensation for such Product shall be paid in accordance with Section 7, Compensation.

Seller shall accomplish delivery of Delivered Energy hereunder by delivering energy from the Plant to the Point of Delivery for settlement in the MISO market and performing the obligations and responsibilities in accordance with Section 4, <a href="Metering">Metering</a>. Seller shall be responsible for all interconnection, electric losses, transmission and ancillary service arrangements and costs required to deliver energy from the Plant to the Point of Delivery for settlement in the MISO market.

Subject to the terms and conditions of this Agreement, beginning on the Commercial Operation Date and continuing until the termination of this Agreement, Buyer agrees to provide fixed energy pricing to Seller for all Delivered Energy that Seller supplies from the Plant to MISO on a Monthly basis. The provision of such fixed energy pricing shall be accomplished in accordance with Section 7, Compensation. Notwithstanding the foregoing, Buyer shall not be entitled to any Incidental Energy or Test Energy delivered to MISO, and Seller may sell such Incidental Energy or Test Energy to any third party through any means Seller deems appropriate.

Seller shall accomplish delivery of Resource Adequacy Capacity hereunder by submitting the appropriate transactions in MISO's Module E Capacity Tracking tool, or any successor system ("MECT") to electronically assign such Resource Adequacy Capacity to Buyer. Buyer shall accomplish receipt of Resource Adequacy Capacity by confirming the appropriate transaction(s) submitted by Seller in the MECT. Seller and Buyer shall accomplish delivery and receipt of Resource Adequacy Capacity by submitting and confirming the appropriate transaction(s) in the MECT ten (10) Business Days prior to the annual Fixed Resource Adequacy Plan deadline, as such term is defined by MISO. The submitting and confirming of the appropriate transaction(s) in the MECT shall be conducted by the Parties in accordance with the requirements of MISO Rules and other applicable rules adopted by the MISO regarding the MECT. Failure by Buyer to receive Resource Adequacy Capacity after Seller's delivery of such Resource Adequacy Capacity has been completed shall not excuse Buyer's obligation to pay for such Resource Adequacy Capacity and Seller will be deemed to have delivered such Resource Adequacy Capacity for all purposes hereunder, including for determining Compensated Capacity hereunder. Seller's delivery of Resource Adequacy Capacity shall satisfy Seller's obligation to deliver any items listed in clause (b) of the definition of Product. Notwithstanding the remainder of this paragraph, if any Resource Adequacy Capacity is not ultimately delivered to Buyer then title to such Resource Adequacy Capacity shall be deemed to have remained with Seller at all times regardless of any underlying Delivered Energy and/or

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 27 of 76

Witness: BASkowronski Date: October 2021

Incidental Energy that was delivered to Buyer. Title to all Resource Adequacy Capacity (including

all costs and liability with respect thereto arising after the Point of Delivery) transfers to Buyer

concurrently with the delivery of Resource Adequacy Capacity from Seller to Buyer in the MECT,

or any successor system.

Seller shall use commercially reasonable efforts to ensure the receipt of Delivered

RECs by Buyer within one hundred twenty (120) Days after the end of each applicable Billing Month.

Seller shall register the Plant with MIRECS as soon as practical following the Commercial Operation

Date. Within thirty (30) Days following the Commercial Operation Date, Buyer shall register, establish

and maintain an account with MIRECS and provide information regarding such account to Seller,

such that Seller may utilize a forward transfer or transfer-redirect process to allow Delivered RECs

to be directly deposited into Buyer's MIRECS account. Seller shall use commercially reasonable

efforts to ensure that the Plant will maintain status as a "Renewable Energy Resource" under Act 295. Notwithstanding the remainder of this paragraph, if any Environmental Attributes are not

ultimately delivered to Buyer then title to such Environmental Attributes shall be deemed to have

remained with Seller at all times regardless of any underlying Delivered Energy and/or Incidental

Energy that was delivered to Buyer. Title to all Environmental Attributes associated with the

Delivered Energy transfers to Buyer concurrently with the delivery of the Delivered RECS from

Seller to Buyer in MIRECS, or any successor system.

Permits and Laws 3.1.

Seller shall be responsible to (i) secure all applicable licenses and permits

required by law, regulation or ordinance as necessary to perform its obligations under this

Agreement, including, but not limited to, those pertaining to the generation of electric energy and the

sale of electric capacity from the Plant and (ii) maintain all such licenses and permits necessary to

perform its obligations under this Agreement throughout the term of this Agreement. In addition,

Seller shall comply with all applicable ordinances, laws, orders, rules and regulations, including, but

not limited to, those pertaining to the above licenses and permits made by any governmental

authority or public regulatory body having jurisdiction over Seller or Seller's Plant. At any time during

the term of this Agreement, Buyer may request that Seller provide copies of any such licenses and

permits, and Seller shall so provide them within five (5) Business Days.

3.2. Emission Allowances/Environmental Attributes

All emission allowances and other Environmental Attributes, including any

greenhouse gas emission reductions, at any time allocated to Seller's Plant and associated with

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 28 of 76

Witness: BASkowronski Date: October 2021

Delivered Energy, shall from and after the delivery of such Delivered Energy, be the property of

Buyer. Seller shall, at no cost to Seller, assign and/or execute any documents necessary to either

(i) transfer ownership (to the extent owned by Seller; provided, however, that Seller shall take no action to circumvent Buyer's acquisition of such allowances pursuant to this Subsection 3.2), or

(ii) designate Buyer as Seller's agent to acquire ownership, of any and all emission allowances

and/or other Environmental Attributes (such as Renewable Energy Credits) associated with

Delivered Energy for Buyer up to the amount specified in this Subsection 3.2 in each case, to the

extent not accomplished through delivery of Delivered RECs in accordance with Section 3.

Notwithstanding the foregoing, all Federal Tax Benefits and other state and local tax benefits shall

remain the property of the Seller. The foregoing emission allowances and other Environmental

Attributes may be used by Buyer to satisfy the requirements of Act 295 and any other applicable

ordinances, laws, orders, rules or regulations pertaining to emission allowances and other

Environmental Attributes (including, but not limited to, requirements for renewable energy production) made by any governmental authority or public regulatory body; provided that Seller

has no obligation to ensure that any such emission allowances or other Environmental Attributes

satisfy any such future ordinances, laws, orders, rules or regulations that are not in effect as of

the execution of this Agreement.

3.3. Renewable Energy Registration

Seller represents and warrants as of the Effective Date of this Agreement

that the Plant from which Delivered RECs are to be purchased by Buyer hereunder will qualify as

a "renewable energy resource" or "renewable energy system," as applicable, pursuant to Act 295 and Act 342. Seller shall, to the extent such qualification requirements are still in effect under

Michigan law, (i) promptly after the Commercial Operation Date, register the Plant as such

"renewable energy resource" or "renewable energy system" in MIRECS and maintain such

registration for the duration of this Agreement. Seller shall be responsible for any costs associated

with such registration for the term of this Agreement.

Seller shall cooperate with Buyer, at Buyer's expense, to certify the Plant

as a renewable energy resource under any other renewable energy standard for which the Plant

may qualify in order that Buyer may sell Delivered RECs which Buyer deems to be surplus to its

requirements under Act 295 and Act 342. Seller shall cooperate with Buyer, at Buyer's expense,

to enable Buyer to obtain the benefits associated with Buyer's Environmental Attributes for purposes other than renewable energy standards, including, but not limited to, new classes or

types of Environmental Attributes created following the Effective Date.

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 29 of 76

Witness: BASkowronski Date: October 2021

4. METERING

All Delivered Energy that is delivered by Seller to the Point of Delivery shall be

metered at the billing meter installation(s) for the Plant provided pursuant to the Interconnection

Agreement and shall be separately metered from energy generated by generating facilities that are

not located at the Plant Site. To determine the amount of Delivered Energy, the metered values shall

be the values used by MISO for financial settlement at the CPNode, as defined and assigned by

MISO, for the Plant. Seller shall be responsible for providing meter data associated with the Plant to

MISO and shall also provide all such meter data (in the same format and at the same time) to Buyer.

The Delivered Energy allocated to this Agreement shall be determined on a pro rata

basis in accordance with Buyer's Share.

Seller shall provide Buyer six (6) months' written notice prior to the expected initial

operation of either (i) any additional solar generation facilities at the Plant Site, or (ii) a change in the

Installed Capacity of the Plant.

5. CONSTRUCTION OF PLANT AND COMMERCIAL OPERATION DATE

5.1. Seller's Responsibility

Seller shall have sole responsibility for the planning, design, procurement,

construction, start-up, testing, and licensing of the Plant subject to: (1) meeting all appropriate civil,

environmental, electrical and other applicable codes and regulations required by federal, state,

municipal, or any other governmental agencies; and (2) obtaining all necessary authorizations and

permits.

Seller shall have sole responsibility for the acquisition of sufficient real

property interests in the Plant Site to permit the construction and operation of the Plant for the

expected duration of the Plant's operation at the Plant Site.

5.2. Seller's Obligation With Respect to Construction Start

Seller shall provide Buyer with written confirmation of the construction start

date and written confirmation from the contractor that work on the Plant construction has begun

including the initial installation of a portion of the Plant racking foundations and delivery of a portion of

the Plant modules to the construction site. After the construction start date and until the

Commercial Operation Date, Seller shall submit to Buyer, prior to the tenth (10th) Business Day

of each Month, construction progress reports substantially in the form attached hereto as Exhibit H

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 30 of 76

Witness: BASkowronski Date: October 2021

or otherwise in a form satisfactory to Buyer. If the construction start date fails to occur on or

before the Target COD (as may be adjusted with day-for-day extensions for Permitted Extensions),

Buyer may, at its option, terminate this Agreement by giving Seller written notice within thirty (30)

Business Days after such date, unless Seller has commenced construction prior to the issuance by

Buyer of such notice.

5.3. **Commercial Operation Date** 

The Commercial Operation Date will be the first date on or after the Early

COD as identified in Part I and on or before the Termination Deadline COD upon which all of the

following conditions precedent have been satisfied:

(a) Seller shall have provided to Buyer an officer's certificate from an officer

of Seller stating that it has obtained all necessary licenses, permits,

certificates and approvals required under Subsection 3.1, Permits and

Laws;

(b) Seller shall have provided proof reasonably acceptable to Buyer that it

has an executed Interconnection Agreement for the Plant and that Seller

has been authorized under the terms of such agreement to begin parallel

operation;

(c) Seller shall have provided proof reasonably acceptable to Buyer that at

least 85% of Target Contract Capacity has been Commissioned and

allocated to Buyer under this Agreement. A certificate from an

independent, licensed professional engineer will be deemed to be

acceptable proof for purposes of the foregoing; and

(d) Seller has confirmed to Buyer in writing that the Plant is capable of

commencing delivery of energy

Seller shall request Buyer to confirm the Commercial Operation Date by

providing Buyer with a written notice indicating that Seller believes the Plant has satisfied the above

conditions as of a date specified in such notice. Buyer shall provide written notice to Seller within

fifteen (15) Business Days of receipt of Seller's notice stating that either Seller has satisfied all of the

above conditions precedent or providing reasons why Seller has not satisfied all of the above

conditions precedent; provided that failure of Buyer to provide such notice within fifteen (15) Business

Days shall be deemed to be Buyer's acceptance and agreement that such conditions have been

satisfied.

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 31 of 76 Witness: BASkowronski Date: October 2021

To ensure that the Seller will perform all of its obligations under this Agreement and that the Plant will be complete and ready to operate by the Termination Deadline COD, Seller shall provide Buyer either (i) an earnest money cash deposit, or (ii) an unconditional and irrevocable direct pay Letter of Credit in Buyer's name, in an amount equal to sixty thousand dollars (\$60,000.00) per MW times the Target Contract Capacity, or (iii) a guaranty meeting the requirements of Section 2.2.4 (the "Earnest Money Deposit"), on or before the date that is thirty (30) Days after the Approval Date through such time as the Early Termination Security is provided pursuant to Subsection 2.2. Seller shall earn interest on any Earnest Money Deposit it provides to Buyer in the form of a cash deposit from and including the date of such deposit to but excluding the date such cash is returned at a rate per annum equal to the Interest Rate. If the Seller fails to provide such the Earnest Money Deposit by the date specified herein, Buyer shall have the right to terminate this Agreement by providing written notice to Seller of its election to terminate within sixty (60) Days following the Approval Date.

If the Commercial Operation Date fails to occur on or before the Target COD, as identified in Part I (which Target COD shall be subject to a day-for-day extension for Permitted Extensions), for each Day that Seller fails to reach a Commercial Operation Date after the Target COD (subject to Permitted Extensions), Seller shall pay Buyer an amount equal to the product of \$333.34 per MW times the Target Contract Capacity as identified in Part I, as liquidated damages ("Delay Damages") until the earlier to occur of (i) the Commercial Operation Date, and (ii) the effective date of any termination of this Agreement. If Seller fails to pay Daily Delay Damages within ten (10) Business Days of Seller's receipt of an invoice for such payment, Buyer may obtain Delay Damages by withdrawing cash from the cash deposit, drawing on the Letter of Credit or making a demand against the guaranty, as applicable, provided by Seller as the Earnest Money Deposit. If Seller fails to achieve the Commercial Operation Date by the Termination Deadline COD, Buyer shall have the right to both (i) terminate this Agreement upon written notice to Seller, provided that such notice is given by Buyer prior to the Commercial Operation Date, to be effective as of the date specified in such notice and (ii) retain the Earnest Money Deposit (less any Delay Damages owed that were not deducted from the Earnest Money Deposit). Termination of this Agreement and retention of the Earnest Money Deposit as described in the preceding sentence shall be Buyer's sole and exclusive remedy pertaining solely to this Agreement for Seller's failure to achieve a timely Commercial Operation Date. Notwithstanding anything in this Agreement to the contrary, Seller's aggregate liability (excluding obligations of Seller under Section 13, Indemnity) solely under this Agreement prior to the occurrence of the Commercial Operation Date (including with respect to an Event of Default set forth in Subsection 8, Events of Default, and with respect to payment of Delay

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 32 of 76 Witness: BASkowronski

Date: October 2021

Damages) may not exceed the amount of the Earnest Money Deposit.

Any portion of the Earnest Money Deposit, including accumulated interest above the Earnest Money Deposit, remaining upon expiration or termination of this Agreement, after deduction for any payment obligations still owing to Buyer, shall be returned to Seller by Buyer within thirty (30) Days of such expiration or termination or by such earlier date as is otherwise required hereunder. Seller may change the form of Earnest Money Deposit at any time and from time to time upon reasonable prior notice to Buyer provided that (i) such security constitutes an acceptable form of Earnest Money Deposit and (ii) Seller delivers to Buyer the replacement security instrument prior to terminating or withdrawing the then existing security instrument. If at any time the Earnest Money Deposit held by Buyer, excluding any accumulated interest for cash deposits, is in an amount more than the amount then required to be provided by Seller hereunder, whether due to Seller providing replacement security, a reduction to the Earnest Money Deposit or otherwise, Buyer shall promptly return such excess to Seller. If a cash deposit is used as the Earnest Money Deposit, Seller shall be entitled to receive from Buyer the balance of the cash Earnest Money Deposit, including any accumulated interest, less any Delay Damages as described in the preceding paragraph. If a Letter of Credit is used as the Earnest Money Deposit, Buyer will not draw against the Letter of Credit to recover liquidated damages for any Day that is on or after the Commercial Operation Date. Any remaining balance in the Earnest Money Deposit of any form, including any Letters of Credit associated therewith, will be returned or released to Seller, as applicable, by Buyer upon Seller's provision of Early Termination Security in accordance with Subsection 2.2, Security for Performance, provided that any provision of Early Termination Security will not impair Buyer's right to access the Earnest Money Deposit for purposes of collecting damages accrued or otherwise owed under this Subsection 5.3 related to the period prior to the Commercial Operation Date. Seller may, in its sole discretion apply any balance remaining in the Earnest Money Deposit, including any Letters of Credit associated therewith, towards the Early Termination Security Amount then required under this Agreement, by providing Buyer with at least ten (10) Days' notice prior to the Commercial Operation Date.

#### 5.4 Test Energy

Seller shall have the right to provide MISO with Test Energy prior to the Commercial Operation Date. Seller may sell such Test Energy to any third party or MISO through any means Seller deems appropriate.

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 33 of 76

Witness: BASkowronski Date: October 2021

6. OPERATION OF PLANT

> 6.1. Seller's Operating Obligations

Seller shall operate and maintain the Plant in accordance with Prudent Utility

Practices, the Interconnection Agreement, and MISO (or any successor thereto) standards and

MISO Rules which apply to generating units such as Seller's Plant.

Seller shall promptly inform Buyer as to material changes in the operating

status of the Plant, including, but not limited to, Plant outages pursuant to Subsection 6.2, Outages

of Generating Equipment.

6.2. Outages of Generating Equipment

Seller shall promptly provide to Buyer all material information relating to Plant

outages and derates of more than 10% (as such percentage may be amended by the written mutual

agreement of the Parties from time to time) of Plant generating Capacity which would materially

affect Seller's ability to deliver electric energy from the Plant to the Point of Delivery. Such material

information shall be sufficient for Buyer to reasonably determine and verify the severity and extent of

such outages and derates, including at a minimum, the date and time when the outage or derate began, the cause of the outage or derate, and the anticipated date and time the outage or derate will

end, if known or as estimated.

Seller shall provide to Buyer, as soon as reasonably possible thereafter, an

oral report of any outages of more than 10% of Plant electric generating Capacity as a result of (1)

Seller's compliance with the provisions of Subsection 3.1, Permits and Laws, (2) interruptions or

other transmission limitations from the Plant to the Point of Delivery which would materially restrict

the flow of energy from the Plant to the Point of Delivery, or (3) any other circumstance or event that

would prevent energy from the Plant from being delivered to the Point of Delivery, and their

anticipated duration.

Seller shall plan and implement scheduled outages and/or planned outages

of generating Capacity in accordance with the requirements of the MISO Rules and the

Interconnection Agreement. Seller shall confirm with Buyer in writing its schedule of generating

Capacity outages planned by Seller for a Calendar Year by August 1st (as such date may be

amended by the written mutual agreement of the Parties from time to time) of the prior Calendar

Year. At least one (1) week prior to any scheduled outage and/or planned outage, Seller shall

confirm with Buyer the expected start date of such outage and the expected completion date of such

outage. Seller shall notify Buyer of any subsequent changes to the outage. As soon as practicable,

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 34 of 76

Witness: BASkowronski Date: October 2021

any oral notifications shall be confirmed in writing.

6.3. Capacity Data

Seller shall use its commercially reasonable best efforts to maximize the amount of Resource Adequacy Capacity available from the Plant, including (i) ensuring that the

Interconnection Agreement provides for a minimum of Network Resource Interconnection Service

(defined in the MISO Rules) equal to the nameplate Capacity of all generating facilities covered by such agreement, and (ii) minimizing the amount of scheduled maintenance during such times as are

applicable for the determination of the Plant's Resource Adequacy Capacity to the extent consistent

with Prudent Utility Practices.

Seller shall comply with all requirements established by (a) any regulatory

agency and/or (b) any electric power reliability organization (including, but not limited to, MISO,

ReliabilityFirst Corporation, or NERC), that has jurisdiction over Buyer to enable the Buyer to receive

the Plant's Resource Adequacy Capacity from Seller in the MECT. Seller shall submit, if necessary, applicable data to Buyer by the dates established by the Parties, but in no event shall any such dates

be later than one (1) week prior to the deadlines established by MISO for such data.

6.4. Obligations to MISO

Seller shall be responsible for registering the Plant's CPNode (as such term

is defined by MISO) with MISO. All MISO charges and payments associated with such CPNode

are the responsibility and property, as applicable, of Seller. Throughout the term of this Agreement, Seller shall either be a member of MISO and be gualified as a Market Participant

under MISO Rules, or shall have entered into an agreement(s), at Seller's cost, with a Market

Participant(s) that will perform all of Seller's MISO-related obligations, including MDMA

responsibilities, in connection with the Plant and this Agreement. For the avoidance of doubt,

Seller or its agent as Market Participant for the Plant, will, at its sole discretion control the

operation of the Plant, including any and all scheduling, dispatch and bidding into the relevant

MISO markets, and any revenues derived from such activities.

6.5. <u>Communications</u>

Seller shall cooperate with Buyer to enable Buyer to monitor, in real time,

all energy generated by the Plant. Seller shall only be responsible for expenses related to the installation and maintenance of such equipment that is necessary to be installed at the Plant Site

as required (as of the Commercial Operation Date) by the Interconnection Agreement, MISO,

Federal Energy Regulatory Commission, NERC, MPSC, ReliabilityFirst Corporation, or any other

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 35 of 76

Witness: BASkowronski Date: October 2021

governmental or regulatory authority having jurisdiction over the Plant. If any additional real-time meter and related communications equipment is required to enable such monitoring by Buyer, Buyer shall pay for such equipment. If the applicable electric transmission system owner or operator requires a release by Seller or permission from Seller to disclose such real-time information or to install real-time meter and related communications equipment, Seller shall provide such release or grant such permission.

### 6.6. **Uncompensated Curtailments**

Buyer shall not be obligated to accept electric energy or make payments based on electric energy delivered pursuant to Section 7, Compensation, for any electric energy which Seller may have available at the Plant during any of the following events which in each case shall be deemed to constitute an Uncompensated Curtailment: (i) Emergencies that limit Seller's ability to deliver energy from the Plant, or the transmission owner's or transmission operator's ability to accept, energy from the Plant, (ii) events of Force Majeure, (iii) Exempt Operational Periods, (iv) planned or unplanned transmission system outages that limit Seller's ability to deliver, or the distribution or transmission operator's ability to accept, energy from the Plant, (v) planned or unplanned outages of the Plant, or (vi) any other curtailment or order from any Reliability Authority, regulator, or other lawful authority with respect to which Seller is required to comply (whether received directly by Seller or communicated from Buyer to Seller) to cease or modify operation of Seller's Plant for reasons other than uneconomic market conditions (but excluding any economic curtailment of the Plant's output under instruction from MISO, Buyer or any other Person to cease operations at Seller's Plant when hourly day-ahead LMPs for the Plant's CPNode are less than \$0/MWh which shall constitute a Compensated Curtailment). Notwithstanding the above, should Buyer fail to receive verification of its determination of an Exempt Operational Period from the MPSC as described in 18 CFR § 292.304(f)(4), if applicable, then such determination shall be deemed to be a Compensated Curtailment and Buyer shall be obligated to make such payments for all electric energy which Seller had available at the Plant, whether or not delivery of such electric energy was suspended due to Buyer's notification to Seller under 18 CFR § 292.304(f)(4). Notwithstanding anything to the contrary in this Agreement, the Parties agree that this Agreement was not entered into between the Parties for the purposes of satisfying the Buyer's must purchase obligation in accordance with "Qualifying Facilities" under the Public Utility Regulatory Policies Act of 1978, Public Law 95-617, 92 Stat 3117 and the implementing Federal Regulations promulgated thereunder as such are amended to the Effective Date of this Agreement and appear at 18 CFR §§ 292.101 through 292.602, throughout the term of this

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 36 of 76

Witness: BASkowronski

Date: October 2021

Agreement; and therefore both of the following apply: (i) all provisions regarding Exempt

Operational Periods herein shall be disregarded, and (ii) any event that would otherwise be

classified as an Exempt Operational Period shall not constitute an Uncompensated Curtailment.

6.7. **Contract Termination Requirements** 

If required by the MISO Rules or the Interconnection Agreement, Seller

shall inform Buyer via written notice if Seller plans, upon expiration of this Agreement, to (i)

register the Plant with MISO or (ii) mothball or retire the Plant. Such notice shall be provided

by Seller to Buyer on or before the end of October in the year prior to the termination of this

Agreement, or within twenty (20) Days of any notice provided in accordance with Section 10,

Early Termination. The Parties shall cooperate with each other to undertake the activities

necessary to register, mothball, or retire the Plant in accordance with the MISO Rules. Seller

shall indemnify Buyer against any costs, charges or penalties imposed on Buyer as a result

of Seller's failure to comply or to cooperate with Buyer to comply with the MISO Rules as

described in this Subsection 6.7.

6.8. New Regulations

In the event that the United States government, including, but not limited

to the Environmental Protection Agency, and/or any other governmental entity, implements

regulations during the term of this Agreement and such regulations make continued operation of

the Plant materially and substantially uneconomical such that continued operation is no longer

feasible, prudent and/or sustainable and Seller wishes to terminate this Agreement as a result,

Seller shall provide twelve (12) months' written notice to Buyer of such fact, and provide

sufficient supporting information to evaluate this claim (unless twelve (12) months' notice is

not commercially and/or legally feasible under the circumstances, in which case Seller shall

provide such notice as is commercially and/or legally feasible under the circumstances). This

Agreement will terminate at the time specified in such notice and neither Party shall have

any further obligations hereunder except for those obligations which survive such termination,

including, but not limited to, the indemnity provided in Subsection 6.7, Contract Termination

Requirements.

7. COMPENSATION

> 7.1. **Energy Payment**

> > Commencing with the Commercial Operation Date and continuing for the

Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2)

Page: 37 of 76 Witness: BASkowronski

Date: October 2021

term of this Agreement, Seller shall pay to Buyer the LMP Payment associated with Delivered Energy

which Buyer is entitled to hereunder. Such payments shall be made on a Monthly basis.

Commencing with the Commercial Operation Date and continuing for the term of this Agreement, Buyer shall pay Seller the Energy Purchase Price, as shown in Exhibit E, for Delivered Energy

delivered by Seller for the applicable Billing Month. Payments shall be reduced by the Monthly

Escrow Payment in accordance with Subsection 2.2, Security for Performance, if applicable. Such

payments shall be made on a Monthly basis, pursuant to Subsection 9.1, Billing Procedure.

Seller shall maintain an Actual Availability equal to or greater than (i) ninety

percent (90%) for the first full Planning Year after the Commercial Operation Date and (ii) ninety five

percent (95%) for each Planning Year thereafter, during the Contract Term (collectively, the

"Availability Standard"). For any Planning Year during which Seller fails to achieve Availability

Standard, Seller will pay Buyer \$7.50 for each Availability Shortfall MWh (the "Availability Damage

Payment"); provided, however, that in no event shall the Availability Damage Payment owed by

Seller for any Contract Year exceed an amount equal to the Early Termination Security Amount for

such Contract Year divided by 5.0, subject to Section 26, Limitation of Liability

Within thirty (30) days of the commencement of (a) the second full Planning

Year and (b) each Planning Year thereafter, Seller shall deliver to Buyer a calculation showing

Seller's computation of the Actual Availability of the Plant for the previous Planning Year and the

Availability Damage Payment, if any, due to Buyer (the "Annual Availability Report"). If an Availability

Damage Payment is due from Seller, Seller will pay such Availability Damage Payment no later than

twenty (20) days after providing the Annual Availability Report.

Seller's payment of the Availability Damage Payment is Buyer's sole and

exclusive remedy and the sole liability of Seller to Buyer for Seller's failure to satisfy the Availability

Standard for any given Planning Year.

In the event the delivery of energy is curtailed due to a reason that qualifies

as a Compensated Curtailment, and such curtailment results in Lost Production, Seller shall be

entitled to Lost Production Damages on a monthly basis as its sole and exclusive remedy and

Buyer's sole and exclusive liability. Seller shall provide to Buyer relevant data and supporting

documentation so that Buyer can verify the calculation of Lost Production. Lost Production must

be calculated using data from Seller's Supervisory Control and Data Acquisition system and

based on actual measurements during the applicable time as recorded by the Plant's

measurement instrumentation. In the event that Lost Production cannot be calculated based upon

actual measurements during the applicable time, Buyer shall calculate Lost Production using

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 38 of 76

Witness: BASkowronski Date: October 2021

Buyer's production modeling software considering weather conditions prevalent during the

applicable time. Buyer is not obligated to arrange alternative transmission services during any

such event. Seller is not entitled to compensation for Lost Production if energy is curtailed due to

any reason that qualifies as an Uncompensated Curtailment.

7.2. Capacity Payment

Commencing with the Commercial Operation Date and continuing for the

term of this Agreement, Buyer shall pay Seller the Capacity Purchase Price, as indicated in Part I,

for Compensated Capacity up to the Contract Capacity delivered by Seller for the applicable Billing

Month. Such payments shall be made on a Monthly basis.

For the avoidance of doubt, Compensated Capacity shall be determined by

first calculating, for the applicable Planning Period, (i) the Initial Resource Adequacy Capacity of the

Plant, and (ii) the actual Resource Adequacy Capacity awarded to the Plant by MISO and to which

Buyer is entitled under this Agreement. Compensated Capacity shall be the average of the Initial

Resource Adequacy Capacity and the actual Resource Adequacy Capacity awarded, as determined

on a monthly basis. For example, if the Initial Resource Adequacy Capacity is 10 ZRCs and the

actual Resource Adequacy Capacity awarded to Seller's Plant is 5 ZRCs for a Planning Period, the

Compensated Capacity for the Planning Period will be 7.5 ZRCs. Also, for example, if the Initial

Resource Adequacy Capacity is 10 ZRCs and the actual Resource Adequacy Capacity awarded to

Seller's Plant is 15 ZRCs for a Planning Period, the Compensated Capacity for the Planning Period

will be 12.5 ZRCs.

Seller shall receive a monthly capacity payment based on the Capacity

Purchase Price as indicated in Part I, multiplied by the amount of Compensated Capacity, in ZRCs,

calculated according to the methodology described in the preceding paragraph. The current resource

Planning Period is the Planning Year which runs from June 1st of each year through May 31st of the

following year. Payments shall be reduced by any applicable monthly interconnection cost owed by

Seller to Buyer. The Capacity Purchase Price identified in Part I, will be applicable for the term of this

Agreement.

7.3. No Incidental Energy or Test Energy Payment

Neither Party shall owe the other Party compensation for any Incidental Energy or Test Energy

produced by the Plant and delivered to the Point of Delivery.

7.4. Regulatory Disallowance

If the MPSC has ruled in an order that Buyer will not be permitted complete

Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2)

Page: 39 of 76 Witness: BASkowronski

Date: October 2021

recovery from its customers of the capacity and energy charges to be paid pursuant to Section 7,

Compensation, (a "Disallowance Order") then Buyer shall have the right to require that the charges

to be paid by Buyer under Section 7 be adjusted to the charges which the MPSC allows Buyer to

recover from its customers. Any such adjustment shall be effective no earlier than the date of such Disallowance Order. Pending appellate review of such order and final determination of the charges

that may be recovered by Buyer pursuant to this Agreement, the amounts not paid to the Seller due

to any such adjustment shall be placed by Buyer in an interest-bearing separate account with the

administrative costs incurred by that account to be borne by the account. The balance in the separate

account, less administrative costs, shall be paid to the appropriate Party upon the completion of

appellate review which establishes the charges that Buyer will be permitted to recover from its

customers. Future capacity and energy charges to be paid by Buyer shall be no greater than will be

recoverable from Buyer's customers pursuant to such final appellate determination.

Seller shall refund to Buyer any portions of the capacity and energy charges

paid by Buyer to Seller under this Agreement which Buyer is not permitted, for any reason, to recover

from its customers through its electric rates, or at Buyer's sole option, Buyer shall offset said amounts

against amounts owed Seller by Buyer as provided in Section 9, Billing.

Buyer shall not seek a Disallowance Order and shall use good faith,

commercially reasonable efforts to oppose any proposal to disallow costs included in the Agreement.

Nothing in the Agreement shall constitute a waiver of any rights Seller may have to appeal or

collaterally challenge a Disallowance Order as a violation of Seller's rights or as otherwise unlawful,

including any rights or benefits under MCL 460.6j(13)(b).

Notwithstanding the foregoing, Seller shall have the right to terminate this

Agreement without further liability at any time following a Disallowance Order up to sixty (60) Days

following final resolution of any appeal of or collateral challenge to such order by giving Buyer thirty (30) Days' notice of such termination.

The provisions of this Subsection 7.4 shall govern over any conflicting

provisions of this Agreement.

8. **EVENTS OF DEFAULT** 

An "Event of Default" shall mean, with respect to a Party (a "Defaulting Party"), the

occurrence of any of the following:

(a) the failure to make, when due, any payment required pursuant to this

Agreement if such failure is not remedied within five (5) Business Days after written notice;

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 40 of 76 Witness: BASkowronski

Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

(b) such Party becomes Bankrupt (whether voluntarily or involuntarily);

(c) such Party consolidates or amalgamates with, or merges with or into, or transfers all or substantially all of its assets to, another entity and, at the time of such consolidation, amalgamation, merger or transfer, the resulting, surviving or transferee entity fails to assume all the obligations of such Party under this Agreement to which it or its predecessor was a party by operation of law or pursuant to an agreement reasonably satisfactory to the other Party;

- (d) The failure of Seller, after the year in which the Commercial Operation Date occurs, to supply any Delivered Energy to the Buyer hereunder for any period of seven hundred thirty (730) consecutive Days;
- (e) The making of a representation or warranty that is false or misleading in any material respect when made or when deemed or repeated that is not cured within thirty (30) Calendar Days after written notice;
- (f) The failure by Seller to achieve a Commercial Operation Date on or before the one-hundred-eightieth (180<sup>th</sup>) day following the Target COD (subject to a day-for-day extension for Permitted Extensions).
- (g) In the event that (i) this Agreement was entered into between the Parties for the purposes of satisfying the Buyer's must purchase obligation in accordance with "Qualifying Facilities" under the Public Utility Regulatory Policies Act of 1978, Public Law 95-617, 92 Stat 3117 and the implementing Federal Regulations promulgated thereunder as such are amended to the Effective Date of this Agreement and appear at 18 CFR §§ 292.101 through 292.602, throughout the term of this Agreement; and (ii) Seller fails to maintain such "Qualifying Facility" status, Buyer shall have the option of terminating this Agreement by giving Seller one hundred eighty (180) Days written notice.
- (h) More than six (6) occurrences in any Year after the Commercial Operation Date of Delivered Energy and Incidental Energy exceeding the Installed Capacity (MW<sub>AC</sub>) as identified in Part I during any one-hour period in such Year after the Commercial Operation Date (any seventh (7<sup>th</sup>) occurrence of such an exceedance in the same Year after the Commercial Operation Date in which six (6) occurrences of such an exceedance previously occurred will be an Event of Default upon such seventh (7<sup>th</sup>) occurrence); provided that in no event shall Buyer be obligated to pay for any such excess Delivered Energy and Incidental Energy.
- (i) The failure of a Party to perform, observe, or comply with any material term or condition of the Agreement (except to the extent constituting a separate Event of Default) which

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 41 of 76

Witness: BASkowronski Date: October 2021

is not cured within thirty (30) Calendar Days of written notification thereof by the other Party, except

that if such failure is not capable of being remedied within such period, then for such longer period

as is reasonably needed to effect the remedy, not to exceed a total period of sixty (60) Days from

the date of initial written notification by the other Party, on the condition that the failing Party

diligently pursues such remedy including, but not limited to:

Failure of either Party to comply with the terms and conditions of this (i)

Agreement;

(ii) An attempted assignment of the Agreement by either Party if done so

in violation of Section 16.1, Successors and Assigns;

(iii) Failure of Seller to provide Buyer commercially reasonable access

rights to the Plant necessary for either Party to perform its obligations

under this Agreement, or Seller's attempt to revoke or terminate such

access rights;

(iv) Failure of either Party to provide information or data to the other Party

as required under this Agreement;

Material modification of the Plant equipment which changes the (v)

Plant's maximum electric output after the Commercial Operation

Date, if done so in violation of Section 4, Metering

With respect to subpart (g) above only, the Seller shall be entitled to a period

of one-hundred eighty (180) Days, from the occurrence of such an Event of Default to cure such

Event of Default.

9. **BILLING** 

> 9.1. Billing Procedure

As soon as practicable after the end of each Billing Month, but in no event

later than the twenty-eighth (28th) Day of the Month following the Billing Month, Seller shall submit

to Buyer a statement ("Statement") which shall identify any amounts owed by Buyer or Seller

pursuant to Section 7, Compensation, during such Billing Month and any other amounts owed

between the Parties with respect to such Billing Month. Such Statement shall use data obtained in

accordance with Section 4, Metering. At least three (3) Days prior to the payment due date, the Parties will review the final billing data and confirm the final amount owed by Buyer or Seller, as

applicable. If necessary, Seller shall submit a revised Statement to Buyer.

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 42 of 76

Witness: BASkowronski

Date: October 2021

The net amount due shall be paid by the owing Party via electronic funds

transfer of said amount by the last Joint Banking Day of the Calendar Month following the Billing

Month. Any amounts not paid when due shall bear interest until paid at the Late Payment Interest

Rate. Notwithstanding the previous sentence, in no event will either Party be required to pay interest

on any amounts owed to the other Party as a result of adjustments made pursuant to the following

paragraph.

In the unlikely event that metering equipment data is unavailable or MISO and

Seller's financial settlement for the Plant is performed using data estimated by MISO, Seller may

render a Statement based on its best estimate (using MISO estimated data, if applicable) of the

amount owed by Buyer or Seller in order to meet the payment deadline in the second paragraph of

this Subsection 9.1. Such a Statement shall indicate that it represents a best estimate of the amount

owed. Such an estimate may utilize Buyer's metered data, if available. If such an estimate is used,

an adjustment shall be made, if necessary, to the next Billing Month Statement issued after the date

upon which actual data is determined to correct the prior Billing Month estimate.

9.2. **Disputes** 

Each Party may, in good faith, dispute the correctness of any Statement or

any adjustment to a Statement, rendered under this Agreement and the other Party may adjust any

Statement for any arithmetic or computational error within three hundred sixty-five (365) Days of the

date the Statement, or adjustment to a Statement, was rendered. Any Statement dispute or

Statement adjustment shall be in writing and shall state the basis for the dispute or adjustment.

Payment of the disputed amount shall not be required until the dispute is fully resolved, including any

associated appeals. Upon resolution of the dispute, any required payment shall be made within two

(2) Business Days of such resolution along with interest accrued at the Late Payment Interest Rate

from and including the due date to but excluding the date paid. Inadvertent overpayments where

one Party pays the other Party an amount greater than the Statement amount shall be returned

within two (2) Business Days upon request or deducted by the affected Party. Any dispute with respect to a Statement is waived unless the other Party is notified in accordance with this Subsection

9.2 within three hundred sixty-five (365) Days after the Statement is rendered or any specific

33

adjustment to the Statement is made.

10. **EARLY TERMINATION** 

10.1. Early Termination

If an Event of Default with respect to a Party (the "Defaulting Party" shall have

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 43 of 76

Witness: BASkowronski Date: October 2021

occurred, and not be cured pursuant to Section 8, Events of Default, (if applicable), the other Party

(the "Non-Defaulting Party") shall have the right to terminate this Agreement upon thirty (30)

Business Days' written notice to the Defaulting Party, as provided herein. In the event of the failure by the Defaulting Party to make timely payment due under this Agreement, the Non-Defaulting Party

shall have the right, as an alternative or in addition to early termination, to recover from the Defaulting

Party all amounts due, plus interest.

10.2. Early Termination Payment

Upon termination by Buyer pursuant to this Section 10, (other than with

respect to an Event of Default associated with Subsection 8(f), the exclusive remedy for which is set

forth in Subsection 5.3), Seller shall owe Buyer the Early Termination Security Amount. The Early

Termination Security established in accordance with Subsection 2.2, Security for Performance,

shall be applied toward satisfying such amount and within twenty (20) Days after Buyer has

provided notice of termination to Seller pursuant to this Section 10, Buyer shall draw upon or withdraw the funds from, the applicable Early Termination Security and apply such funds toward the

satisfaction of Seller's obligation to pay the Early Termination Security Amount. The provisions of

this Section 10 regarding payments shall survive any termination of this Agreement pursuant to

this Section 10.

Upon termination by Seller pursuant to this Section 10, Buyer shall owe

Seller an "Early Termination Payment" equal to the lesser of (i) the Early Termination Security

Amount, and (ii) (a) an amount equal to the present value of the economic loss, if any (excluding

Contract Costs), to Seller resulting from such termination for the remainder of the Contract Term,

determined by Seller in a commercially reasonable manner (the "Losses"), minus (b) an amount equal to the present value of the economic benefit to Seller, if any, resulting from such termination

for the remainder of the Contract Term, determined by Seller in a commercially reasonable manner (the "Gains"), plus (c) any amounts owed by Buyer to Seller arising prior to such termination, net of

any amounts owed by Seller to Buyer arising prior to such termination. If Seller's Gains exceed its

Losses, then clause (ii) shall be equal to zero dollars (\$0).

The Parties confirm that the express remedies and measures of damages provided

in this Agreement satisfy the essential purposes hereof. If no remedy or measure of damages is

expressly herein provided, the obligor's liability shall be limited to direct, actual damages and such

other remedies as are available at law or in equity.

Buyer shall have no obligation to enter into any subsequent Power Purchase

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2)

Page: 44 of 76 Witness: BASkowronski

Date: October 2021

Agreement(s) with Seller until such time that any and all amounts owed to Buyer, including any

applicable early termination payment, are paid. Unless this Agreement is either (i) terminated or, (ii) amended, in each case by mutual consent of the Parties, in any such subsequent Power

Purchase Agreement, Seller shall not be entitled to a more favorable Capacity Purchase Price or

Energy Purchase Price than would have been in effect during any remaining term of this

Agreement. Either Party's obligation to make payments already due associated with deliveries

received prior to the date of termination of the Agreement will survive any termination initiated

under Section 10, Early Termination.

10.3. <u>Duty to Mitigate</u>

Each Party agrees that it has a duty to mitigate damages and covenants that

it will use commercially reasonable efforts to minimize any damages it may incur as a result of the

other Party's performance or non-performance of the Agreement.

11. **ADMINISTRATIVE COMMITTEE** 

11.1. Purpose

From time to time various administrative and technical matters may arise in

connection with the terms and conditions of this Agreement which will require the cooperation and

consultation of the Parties and the exchange of information. As a means of providing for such

cooperation, consultation and exchange, an Administrative Committee is hereby established with the

functions described in Subsection 11.4 hereof. However, the Administrative Committee shall not (1)

have the authority to amend this Agreement or (2) diminish in any manner the authority or

responsibility of either Party as set forth in the various sections of this Agreement.

11.2. Membership

The Administrative Committee shall have two (2) members, with one

designated by each Party. Within sixty (60) Days after the Effective Date, each Party shall designate

its representative on the Administrative Committee and shall promptly give written notice thereof to

the other Party. Thereafter, each Party shall promptly give written notice to the other Party of any

change in the designation of its representative on the Administrative Committee. The Chairman of

the Administrative Committee shall be the Buyer's representative. All actions taken by the

Administrative Committee must be approved by both members.

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 45 of 76

Witness: BASkowronski Date: October 2021

11.3. Meetings

The Administrative Committee shall meet on dates and at locations (or by

conference call) to be mutually agreed upon by the representatives. Meetings may be attended by

individuals other than the representatives of the Parties.

11.4. Functions

The Administrative Committee shall have the following functions:

(a) Provide liaison between the Parties at the management level and

exchange information with respect to significant matters of design, construction, operation, and

maintenance of the Plant.

Appoint ad hoc committees, the members of which need not be (b)

members of the Administrative Committee, as necessary to perform detailed work and conduct

studies regarding matters requiring investigation.

Review, discuss and attempt to resolve disputes arising under this (c)

Agreement.

11.5. Expenses

Each Party shall be responsible for the salary and out-of-pocket expenses of

its representative and its other attendees. All other expenses incurred in connection with the

performance by the Administrative Committee of its functions shall be allocated and paid as

determined by the Administrative Committee.

12. **FORCE MAJEURE** 

> 12.1. **Definition**

> > Except as provided below in this Subsection 12.1, the term "Force Majeure"

means acts or actions beyond the reasonable control of the affected Party, including without

limitation, acts of God; flood; earthquake; storm or other natural calamity; labor disputes; third-party

vandalism; war; insurrection; riot; blockades; embargos; epidemic (including the COVID-19

coronavirus pandemic); curtailment (including any curtailment ordered by any Reliability Authority),

order, regulation, guarantine or restriction imposed by governmental authority; fire or explosion not

caused by criminal acts by the Party claiming Force Majeure; transportation accidents or perils at

sea; or other similar cause beyond the reasonable control but not due to negligence of the Party

affected. Notwithstanding the foregoing, for purposes of this Agreement, the term "Force Majeure"

shall not include: (1) shortages of supplies and shortage of fuel, other than shortages of supplies or

MICHIGAN PUBLIC SERVICE COMMISSION

Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2)

Page: 46 of 76 Witness: BASkowronski

Date: October 2021

shortages of fuel occurring in time of calamity which is preventing major users in the United States,

including the Seller, from obtaining supplies or fuel, as applicable, for their operations; 2) mechanical

breakdown of Seller's equipment unless Seller demonstrates such breakdown was primarily due to

an event of Force Majeure; and (3) strikes or labor disturbances of employees of the Party affected

that are solely directed at the Party affected. The term "fuel" as used in this Subsection 12.1 shall

be interpreted to include solar irradiance, except to the extent the shortage of solar irradiance was

caused by an event of Force Majeure.

12.2. Obligations Under Force Majeure

Force Majeure shall apply to the following situations:

If Seller is delayed or rendered wholly or partially unable by the (a)

occurrence of a Force Majeure event to generate and deliver energy to the Point of Delivery or

otherwise perform under this Agreement, then, in each case, for the duration of such Force Majeure

event, subject to the conditions below, (i) Seller's obligations to supply Product to Buyer, or to

otherwise perform under this Agreement, and (ii) Buyer's obligation to pay for Product pursuant to

Section 7, Compensation, in each case, shall be limited to the amount of Product that Seller supplies

and delivers.

(b) If Buyer is delayed or is rendered wholly or partially unable by the

occurrence of a Force Majeure event to receive Product that is supplied or produced by Seller at the

Point of Delivery, or otherwise perform under this Agreement, then, in each case for the duration of

such Force Majeure event, subject to the conditions below, (i) Buyer's obligation to pay Seller for

Product pursuant to Section 7, Compensation, or to otherwise perform under this Agreement, and

(ii) Seller's obligations to supply and deliver Product to Buyer, in each case, shall be limited to the

amount of Product that Buyer receives. Notwithstanding the above, the inability to pay for any

Product shall not be deemed to be an event of Force Majeure hereunder.

The Party rendered wholly or partially unable to perform because of a Force

Majeure event shall promptly give written notice thereof to the other Party, including a description of

such Force Majeure event, an estimate of the anticipated duration of such Force Majeure event and

the effect of the Force Majeure event on the Party's performance obligation. Unless performance

has already resumed, the Party rendered wholly or partially unable to perform because of a Force

Majeure event shall, within thirty (30) Days of the date upon which such notice of Force Majeure was

provided, and at Monthly intervals thereafter, submit to the other Party an update of the Force

Majeure event including a summary of the activities necessary for the Party to resume performance.

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 47 of 76

Witness: BASkowronski

Date: October 2021

Upon the conclusion of the Force Majeure event, the Party heretofore unable to perform shall resume

performance of the obligation previously suspended and provide notice to the other Party of when

the Force Majeure event ceased.

Notwithstanding any of the foregoing provisions, if a Party has claimed Force

Majeure that affects more than ten percent (10%) of any individual obligation for more than a total of

one hundred eighty (180) Days during any consecutive five (5) year period occurring after the

Commercial Operation Date during the term of this Agreement (provided, however, that Seller may

claim up to an additional one hundred eighty (180) Days of Force Majeure, during said five (5) year

period, in the event of significant damage to Seller's Plant resulting from an event of Force Majeure),

the non-affected Party shall have a right to terminate this Agreement, without any further liability of

either Party to the other (other than for obligations that arose prior to termination), upon written notice

to the affected Party, given at any time while such Force Majeure continues after the 180th Day (or

such later Day as may be applicable to a Force Majeure in which Seller is the affected Party in the

event of significant damage to Seller's Plant resulting from an event of Force Majeure). However, if

the affected Party has both (i) provided notice to the non-affected Party that it is able to resume

performance of its obligations, and (ii) begins to resume performance of its obligations prior to

delivery of written notice of the early termination from the non-affected Party, such notice of early

termination from the non-affected Party shall be void.

12.3. Continued Payment Obligation

Any Party's obligation to make payments already due under this Agreement

shall not be suspended by Force Majeure.

13. INDEMNITY

The Seller shall indemnify, defend and hold Buyer and its officers, agents and

employees harmless from any and all liability, claims, demands, costs, judgments, loss or damage,

including reasonable attorney fees, for personal injury or death to natural persons and/or physical

damage to tangible property of any Person, to the extent attributable to or resulting from the

installation, construction, maintenance, possession or operation of the Plant, except those caused

solely by the negligence or willful misconduct of Buyer. Without limiting the foregoing, the Seller shall

at Buyer's request, defend at Seller's expense any suit or proceeding brought against Buyer for any

of the above-named reasons; provided that Buyer promptly notifies Seller in writing of any such claim

and promptly tenders to Seller the sole control and defense of any such claim at Seller's expense

and with Seller's choice of counsel. Buyer shall cooperate with Seller, at Seller's expense, in

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2)

Page: 48 of 76 Witness: BASkowronski Date: October 2021

defending or settling such claim and Buyer may join in defense with counsel of its choice at its own expense. Buyer may not settle any such claim without Seller's prior written consent. Seller's

indemnification shall not include damage and injuries occurring on Buyer's own system after the

Point of Delivery, unless the damage to, or injuries occurring on, such system are caused by the

negligence or willful misconduct of the Seller.

Buyer shall indemnify, defend and hold the Seller, its officers, agents and employees

harmless from any and all liability, claims, demands, costs, judgments, loss or damage, including

reasonable attorney fees, for personal injury or death to natural persons and/or physical damage to

tangible property of any Person, to the extent attributable to or resulting from damage or injuries

occurring on Buyer's own system after the Point of Delivery, unless the damage or injuries on Buyer's

system is/are caused by the sole negligence or willful misconduct of the Seller. Without limiting the

foregoing, Buyer shall at Seller's request, defend at Buyer's expense any suit or proceeding brought

against Seller for any of the above-named reasons; provided that Seller promptly notifies Buyer in

writing of any such claim and promptly tenders to Buyer the control and defense of any such claim

at Buyer's expense and with Buyer's choice of counsel. Seller shall cooperate with Buyer, at Buyer's

expense, in defending or settling such claim and Seller may join in defense with counsel of its choice

at its own expense. Seller may not settle any such claim without Buyer's prior written consent.

14. **DISAGREEMENTS** 

14.1. Administrative Committee Procedure

If any disagreement arises on major matters pertaining to this Agreement,

either Party may bring the disagreement to the Administrative Committee, which shall attempt to

resolve the disagreement in a timely manner. If the Administrative Committee can resolve the

disagreement, such resolution shall be reported, signed by both parties and shall be binding upon

the Parties provided such resolution shall not alter or amend this Agreement. If the Administrative

Committee cannot resolve the disagreement within a reasonable time, an officer of Buyer or an officer of Seller can, by written notice to the members of the Administrative Committee, withdraw the matter

from consideration by the Administrative Committee and submit the same for resolution to the officer

of Buyer and the officer of Seller. If these representatives of the Parties agree to a resolution of the

matter, such resolution shall be reported in writing to, and shall be binding upon, the Parties.; but if

said representatives fail to resolve the matter within thirty (30) Days after its submission to them,

then either Party may pursue any remedies available at law and equity.

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 49 of 76

Witness: BASkowronski Date: October 2021

14.2 Obligations to Continue

At all times, pending the resolution of any disagreement, the Parties shall

continue to perform their obligations pursuant to this Agreement.

15. CHANGES CONCERNING APPLICABLE LAW

In the event that there is a change in applicable law or regulation, including but not

limited to laws or regulations of the State of Michigan, the Federal Energy Regulatory Commission

or MISO, or in the event MISO ceases or modifies its operations or rules such that such modifications

have a material effect on this Agreement or either Party's obligations hereunder, then Seller and

Buyer shall negotiate in good faith to amend this Agreement or enter into other agreements

reasonably necessary to preserve and maintain the business agreement between the Parties

described herein as of the Effective Date and the material terms and provisions of such relationship

contemplated herein.

16. SUCCESSORS AND ASSIGNS; OPTION

> 16.1 Successors and Assigns

This Agreement shall inure to the benefit of and be binding upon the successors and

assigns of the respective Parties hereto. This Agreement shall not be assigned by a Party without

the other Party's prior written consent, which consent shall not be unreasonably withheld, but

provided that (i) except as stated under any collateral assignment by Seller, any assignee shall

expressly assume in writing all of assignor's obligations hereunder in a form reasonably acceptable

to the non-assigning party; and (ii) no such assignment shall impair any security given by Seller

hereunder. Notwithstanding the foregoing, if Buyer is not asked to sign any additional document for

collateral security purposes, Buyer's consent is not required for Seller to assign this Agreement for

collateral security purposes. Any attempted assignment or transfer in violation of this Section 16.1

shall be void and not merely voidable.

If a lender or financing party has requested that Buyer and Seller enter into a consent

to collateral assignment of this Agreement to assign this Agreement in connection with any loan,

lease or other financing arrangement for the Plant, Buyer will enter into a consent to collateral

assignment substantially in the form of Exhibit C hereto or in such other form as is requested by the

financing parties and reasonably acceptable to Buyer. Buyer shall also promptly execute and deliver

to Seller and its actual and potential (i) lenders, (ii) assignees, (iii) equity investors, and (iv) other

financing parties, in each case, any documentation reasonably requested by such parties, including

reasonable estoppel certificates attesting to the existence and force and effect of this Agreement, in

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 50 of 76 Witness: BASkowronski Date: October 2021

a form substantially as set forth in Exhibit D or otherwise reasonably acceptable to Seller, Buyer and such entities.

#### 16.2 Purchase Option

16.2.1 No later than sixty (60) Days prior to the first Day of the Exercise Period (defined below), Seller shall provide Buyer with information or access to information as reasonably requested or necessary for Buyer's due diligence regarding potential purchase of the Plant. Information shall also be provided by Seller to Buyer, in form and substance reasonably requested by Buyer, regarding verification of calculations or information relative to the determination of the potential purchase price pursuant to the following alternative factors in this Subsection 16.2.1. Upon prior written notice to Seller at any time within the thirty (30) Day period beginning on the tenth (10th) anniversary of the Commercial Operation Date (the "Exercise Period"), Buyer shall have the right (the "Purchase Option") to elect to purchase the Plant as of a date no later than one (1) year after the date such exercise notice was delivered to Seller (the "Closing Outside Date"), subject to the terms and conditions of this Subsection 16.2. The Purchase Option shall not apply if Buyer has not delivered an exercise notice within the Exercise Period nor in the event of any early termination of this Agreement. The purchase price for the Plant shall be the greatest of (i) the Fair Market Value (as defined below) of the Plant, (ii) the net book value in the Seller's accounting records, as of the closing date of the sale, of the Plant determined in accordance with generally accepted accounting principles and practices as in effect from time to time in the U.S., or (iii) the sum, as of the closing date of the sale, of (A) the outstanding principal, interest, fees, make-whole, and prepayment amounts in respect of any debt of Seller, the net proceeds, properties, or benefits of which are applied for the purposes of paying, reimbursing, or refinancing the costs of the development, financing, construction, operation, maintenance or improvement of the Plant, plus (B) the amount necessary to pay any tax equity investor that has invested directly or indirectly in the Plant or Seller in order to cause the after-tax internal rate of return of such tax equity investor's investment to equal the targeted rate of return under its tax equity agreements, plus (C) any tax equity investor's percentage share of cash distributions after achieving the targeted rate of return under its tax equity agreements times the Fair Market Value.

16.2.2 The "Fair Market Value" will be the price in cash that a willing buyer would pay to a willing seller, and that a willing seller would accept from a willing buyer, neither of them being under a compulsion to buy or sell, utilizing valuation methods commonly used and accepted in the independent electric generating industry and taking into account all MICHIGAN PUBLIC SERVICE COMMISSION

Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2)

Page: 51 of 76 Witness: BASkowronski

Date: October 2021

relevant facts and circumstances relating to the Plant including the revenue stream remaining

under this Agreement and the expected revenue stream after the term of this Agreement based on the products that can be sold from the Plant at their expected fair market values. If the

Parties cannot mutually agree on a Fair Market Value, then the Parties shall select a

nationally recognized independent appraiser with experience and expertise in the U.S. solar

energy industry to value the Plant. If the Parties cannot mutually agree on a single appraiser,

then each Party will select an appraiser meeting the qualifications in the preceding sentence and

the parties' selected appraisers will choose a third, qualified appraiser, with that third appraiser to

value the Plant The selected appraiser shall act reasonably and in good faith to determine the

Fair Market Value and shall set forth such determination in a written opinion delivered to the

Parties. The valuation made by the appraiser shall be binding on the Parties in the absence of

fraud or manifest error.

16.2.3 If Buyer provides notice exercising the Purchase Option

within the Exercise Period, then the Parties shall negotiate in good faith to enter into definitive

agreements pursuant to which Buyer will purchase the Plant no later than the Closing Outside Date, unless mutually agreed otherwise. Within sixty (60) Days after receipt of Buyer's timely

exercise notice, Seller shall provide a form of purchase and sale agreement for the Plant, which

shall form the basis of the Parties' negotiation of the terms and conditions of the potential

purchase. The purchase agreement shall include a representation as to Seller's ownership of

the Plant (excluding certain permitted liens) and other customary representations and

warranties for a transaction of this type made by one or both Parties. Buyer and Seller each

agree that there is no obligation hereunder by either Party to buy or sell the Plant until and

unless Buyer and Seller mutually agree to the final, negotiated terms and conditions contained

in definitive documents which are duly executed by each Party.

16.2.4 If the Parties agree on definitive documents, then upon

satisfaction of all conditions precedent to closing, Seller shall assign to Buyer, and Buyer

shall assume, pursuant to such definitive documents, all of Seller's right, title and interest in and to all property and agreements related to the ownership, operation and maintenance of

the Plant. The closing shall be subject to obtaining any governmental, regulatory, and other

required third party consents and approvals for the transfer of the Plant, in addition to

satisfaction of other customary closing conditions.

17.

Consumers Energy Company

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 52 of 76

Witness: BASkowronski Date: October 2021

**GOVERNING LAW; WAIVER OF JURY TRIAL** 

This Agreement shall be deemed to be a Michigan contract and shall be construed

in accordance with and governed by the laws of Michigan, without regard to principles of conflicts of

law.

WAIVER OF JURY TRIAL. EACH PARTY WAIVES TO THE FULLEST EXTENT

PERMITTED BY REQUIREMENTS OF LAW ANY RIGHT TO A TRIAL BY JURY IN CONNECTION

WITH ANY CLAIM, CAUSE OF ACTION, SUIT OR OTHER PROCEEDING ARISING OUT OF OR

IN CONNECTION WITH THIS AGREEMENT OR THE IMPLEMENTATION OF THIS

AGREEMENT.

18. **HEADINGS** 

The various headings set forth in this Agreement are for convenience only and shall

not affect the construction or interpretation of this Agreement.

19. **NOTICE TO PARTIES** 

Unless otherwise provided in this Agreement, any notice, consent or other

communication required to be made under this Agreement shall be effective if it is in writing and

delivered personally or by certified mail (postage prepaid and return receipt requested), reputable

overnight delivery service, or telecopy or other confirmable form of electronic delivery to the address

set forth in Part I or to such other address as the receiving Party may designate in writing.

20. **WAIVER** 

No term or provision of this Agreement shall be deemed waived and no breach

excused unless such waiver or consent is in writing and signed by the Party claimed to have waived

or consented. Any consent by any Party to, or waiver of, a breach by the other Party, whether

express or implied, shall not constitute a continuing waiver of, or consent to, or excuse any

subsequent or different breach, nor in any way affect the validity of this Agreement or any part of it,

or the right of any Party to thereafter enforce any provision of this Agreement.

21. **NONSEVERABILITY** 

The following provisions of this Agreement are hereby declared to be essential

provisions: (i) the limitation on Buyer's obligation to enter into a subsequent power purchase

agreement with Seller at a higher Capacity Purchase Price in accordance with the last paragraph of

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 53 of 76

Witness: BASkowronski Date: October 2021

Subsection 10.2, (ii) the respective requirements and obligations of the Parties to indemnify the

other in accordance with Section 13, (iii) the mutual protections and obligations of the Parties'

limitation of liability in accordance with Section 26, (iv) Seller's requirements to reach commercial operation, Buyer's right to retain earnest money and Buyer's right to retain liquidated damages in

Subsection 5.3, and (v) all rights conveyed to the Parties in accordance with Subsection 7.. If any

such essential provision of this Agreement is declared invalid in whole or in material part in a final,

non-appealable order by a court or other tribunal of competent jurisdiction, then the Parties shall

promptly enter into good faith negotiations to amend this Agreement to remedy the invalidated

provision(s) in a manner that reasonably preserves the rights, obligations and economic positions of

the Parties under this Agreement as if such provision(s) had not been invalidated. If the Parties cannot reach a mutual agreement through good faith negotiations to amend this Agreement in

accordance with the preceding sentence within a period of ninety (90) days, the Party adversely

affected by such invalidation shall have the right to terminate this Agreement by giving the other

Party thirty (30) days' notice of such termination. Notwithstanding the remainder of this Section 21,

the Parties agree that Buyer retains the right to determine, in its sole discretion, whether to accept

any proposed or potential amendment that would affect in any way its rights to obtain relief in

accordance with Subsection 7...

If any non-essential provision of this Agreement is held to be invalid or unenforceable,

it shall be ineffective only to the extent of the invalidity, without affecting or impairing the validity and

enforceability of the remainder of the provision or provisions of this Agreement and without giving rise to any right of termination; provided, however, that Seller and Buyer shall negotiate in good

faith to amend this Agreement to replace such invalid or unenforceable provision or provisions to

give effect to the original intent of Seller and Buyer for the affected provision.

22. **MISCELLANEOUS** 

> 22.1 No Third-Party Beneficiaries

> > This Agreement is intended solely for the benefit of the Parties hereto.

Nothing in this Agreement shall be construed to create any duty to, or standard of care with reference

to, or any liability to, any Person not a Party to this Agreement.

22.2 Disclaimer of Joint Venture, Partnership and Agency

This Agreement shall not be interpreted or construed to create an association,

joint venture or partnership between the Parties or to impose any partnership obligation or liability

upon either Party. Neither Party shall have any right, power or authority to enter into any agreement

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 54 of 76

Witness: BASkowronski

Date: October 2021

or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise

bind, the other Party.

23. **ENTIRE AGREEMENT AND AMENDMENTS** 

With respect to the subject matter hereof, this Agreement supersedes all previous

representations, understandings, negotiations and agreements either written or oral between the

Parties hereto or their representatives and constitutes the entire agreement of the Parties. No

amendments or changes to this Agreement shall be binding unless made in writing and duly

executed by both Parties.

24. ELIGIBLE CONTRACT PARTICIPANT

The Parties acknowledge and agree that this Agreement and the transactions

contemplated hereunder are a "forward contract" within the meaning of the United States Bankruptcy

Code. Each Party represents and warrants, solely as to itself, that it is a "forward merchant" within

the meaning of the United States Bankruptcy Code. In the event that this transaction is deemed to

be a financial hedge or similar arrangement with respect to Buyer's obligation to pay Seller the

Energy Purchase Price for Delivered Energy and/or the Capacity Purchase Price for Resource

Adequacy Capacity as provided in Sections 3 and 7, each Party represents to the other that it is, or at the Commercial Operation Date will be, an "Eligible Contract Participant" as defined in the

Commodity Exchange Act, as amended, 7 U.S.C. Section 1(a)(18); provided, however, it is not the

intent of the Parties that this Agreement be subject to such Act.

25. COUNTERPARTS AND ELECTRONIC DOCUMENTS

This Agreement may be executed and delivered in counterparts, including by a

facsimile or an electronic transmission thereof, each of which shall be deemed an original. Any

document generated by the Parties with respect to this Agreement, including this Agreement, may

be imaged and stored electronically and introduced as evidence in any proceeding as if original

business records. Neither Party will object to the admissibility of such images as evidence in any

proceeding on account of having been stored electronically.

26. <u>LIMITATION OF LIABILITY</u>

EXCEPT AS SET FORTH HEREIN, THERE IS NO WARRANTY OF

MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ANY AND ALL

IMPLIED WARRANTIES ARE DISCLAIMED. EXCEPT FOR A PARTY'S INDEMNITY

OBLIGATIONS OR AS OTHERWISE EXPRESSLY HEREIN PROVIDED, NEITHER PARTY

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 55 of 76 Witness: BASkowronski

Date: October 2021

SHALL BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, PUNITIVE, EXEMPLARY OR INDIRECT DAMAGES, LOST PROFITS OR OTHER BUSINESS INTERRUPTION DAMAGES, BY STATUTE, IN TORT OR CONTRACT, UNDER ANY INDEMNITY PROVISION OR OTHERWISE.

#### 27. REPRESENTATIONS

Each Party represents to the other Party that (a) it has taken all appropriate and necessary internal actions to authorize the execution, delivery and performance of this Agreement, (b) this Agreement has been duly executed by such Party, (c) except for MPSC approval of this Agreement as provided for in Subsection 2.1 and for other permits and authorizations to be obtained in the ordinary course by Seller, its Affiliates and/or contractors in the development, construction, commissioning and operation of the Plant (which shall be obtained in due course), it has obtained all consents, approvals and authorizations necessary for the valid execution, delivery and performance of this Agreement, and (d) this Agreement has been duly executed by and constitutes a legal, valid and binding obligation of such Party, enforceable against it in accordance with its terms, except as limited by applicable bankruptcy and insolvency laws and the availability of equitable remedies. Buyer represents that it is a Network Customer under the MISO Rules and that Buyer will designate the Plant as a Network Resource under the MISO Rules.

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 56 of 76 Witness: BASkowronski Date: October 2021

EXHIBIT A Page 1 of 1

# **Exhibit A Early Termination Security Amount Schedule**

The Early Termination Security amount will be \$150,000 per expected ZRC for a contract term of twenty-five (25) years and \$125,000 per expected ZRC for a contract term of twenty (20) years. Expected ZRCs included in such calculation will be based on the MISO class average capacity for similar technologies based on the Contract Capacity using the following equation.

Early Termination Security Amount =  $$150,000 \times MISO \ class \ average \ (\%) \times Contract \ Capacity \ (MW)$ 

In accordance with this methodology, the Early Termination Security amount is detailed in the following table.

**Amount** 

Planning Year

(Commencing on

June 1 of the Stated Year)	
2022	\$ 7,500,000
2023	\$7,500,000
2024	\$7,500,000
2025	<u>\$7,500,000</u>
2026	\$7,500,000
2027	<u>\$7,500,000</u>
2028	<u>\$7,500,000</u>
2029	<u>\$7,500,000</u>
2030	<u>\$7,500,000</u>
2031	<u>\$ 7,500,000</u>
2032	<u>\$ 7,500,000</u>
2033	<u>\$ 7,500,000</u>
2034	<u>\$ 7,500,000</u>
2035	<u>\$ 7,500,000</u>
2036	<u>\$7,500,000</u>
2037	<u>\$ 7,500,000</u>
2038	<u>\$7,500,000</u>
2039	<u>\$ 7,500,000</u>
2040	<u>\$ 7,500,000</u>
2041	<u>\$ 7,500,000</u>
2042	<u>\$7,500,000</u>
2043	<u>\$ 7,500,000</u>
2044	<u>\$ 7,500,000</u>
2045	<u>\$ 7,500,000</u>
2046	<u>\$ 7,500,000</u>
2047	<u>\$ 7,500,000</u>
2048	<u>\$ 7,500,000</u>

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 57 of 76 Witness: BASkowronski Date: October 2021

EXHIBIT B Page 1 of 5

# **Exhibit B Form of Guaranty**

# **GUARANTY**

GUARANTY, dated as of20, made by, a, corporation whose principal offices are located at ("Guarantor") to Consumers Energy
Company, a Michigan corporation, whose principal offices are located at One Energy Plaza, Jackson, Michigan 49201, ("Counterparty").
WHEREAS, a whose principal offices are located at ("Obligor"), has entered, or may enter, into a certain agreement(s) with Counterparty regarding (the "Agreement") (capitalized terms used but not otherwise defined herein shall have the meanings given to such terms in the Agreement);
WHEREAS, as a condition precedent to Counterparty's obligations to affect the transactions contemplated in the Agreement, Counterparty is requiring Guarantor to execute and deliver this Guaranty in favor of Counterparty;
WHEREAS, Guarantor is the indirect parent company of Obligor and Guarantor is willing to guarantee certain of Obligor's obligations under the Agreement as set forth below;
NOW, THEREFORE, in consideration of the premises and in order to induce Counterparty to enter into the Agreement, Guarantor hereby agrees as follows:
1. <u>Guaranty</u> .
(a) Guarantor hereby absolutely, irrevocably and unconditionally guarantees the punctual payment and performance when due of all obligations of Obligor now or hereafter existing under the Agreement (collectively, the "Guaranteed Obligations"), and agrees to pay any and all costs incurred by Counterparty in enforcing or attempting to enforce any rights under this Guaranty. This is a guaranty of payment and performance, not of collection. For purposes hereof, the phrase "when due" shall include when any such obligations of Obligor under the Agreement would be due or are required to be performed, whether at maturity, upon demand, by acceleration or otherwise, in accordance with the Agreement without giving effect to any stay, injunction or similar action resulting from a bankruptcy or similar proceeding or any order of any event or governmental entity affecting Obligor, such maturity, demand or acceleration being deemed to have occurred upon, the taking effect of such stay, injunction or similar action.
(b) In the event Obligor shall fail to pay any amount owed to the Counterparty under the Agreement, Guarantor shall, upon written demand from Counterparty of such failure, pay or cause to be paid the amount owed within ten (10) business days of receipt of such notice. In the event payment is not made in accordance with the foregoing sentence, the amount owed shall bear interest from the date of such demand until receipt of such payment at a rate per annum equal to the

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 58 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT B Page 2 of 5

Prime Rate, accruing monthly.

- (c) Notwithstanding anything to the contrary herein, Guarantor's aggregate obligation to Counterparty hereunder is limited to [\_\_\_\_\_] U.S Dollars (\$\_\_\_\_) (the "Maximum Guaranteed Amount") (it being understood for purposes of calculating the Maximum Guaranteed Amount of Guarantor hereunder that any payment by Guarantor either directly or indirectly to Counterparty, pursuant to a demand made upon Guarantor by Counterparty or otherwise made by Guarantor pursuant to its obligations under this Guaranty including any indemnification obligations, shall reduce Guarantor's maximum aggregate liability hereunder on a dollar-for-dollar basis), plus costs and expenses incurred by Guaranteed party in enforcing this Guaranty. EXCEPT AS EXPRESSLY PAYABLE BY OBLIGOR PURSUANT TO THE AGREEMENT, IN NO EVENT SHALL GUARANTOR BE SUBJECT TO ANY CONSEQUENTIAL, EXEMPLARY, EQUITABLE, LOSS OF PROFITS PUNITIVE OR TORT DAMAGES.
- (d) Guarantor guarantees that the obligations of Guarantor under this Guaranty are independent of the obligations of Obligor under the Agreement, and a separate action or actions may be brought against Guarantor to enforce this Guaranty, irrespective of whether any action is brought against Obligor or whether Obligor is joined in any such action or actions. Subject to the above notice requirement, Counterparty shall have the right to proceed first and directly against Guarantor under this Guaranty without first proceeding against Obligor or exhausting any other remedies which it may have.
- (e) If any amount paid by Obligor in respect of the Guaranteed Obligations is required to be repaid by Counterparty pursuant to a court order in any bankruptcy or similar Legal Proceeding, Guarantor's Obligations hereunder shall be restored as if such payment by Obligor had never been made, and Guarantor, to the extent permitted by applicable law or order, waives the benefit of any statute of limitations affecting the enforceability of this provision of the Guaranty.
- (f) This Guaranty shall terminate upon the date that all of the Guaranteed Obligations are indefeasibly discharged. It is understood and agreed, however, that notwithstanding any such termination, this Guaranty shall continue in full force and effect with respect to all Guaranteed Obligations arising prior to such termination.
- 2. <u>Obligations Unconditional</u>. The obligations of Guarantor hereunder shall be absolute, irrevocable and unconditional and shall in no way be affected or impaired by reason of the happening from time to time of any of the following:
  - (a) the release or waiver, by operation of applicable law or order or by Counterparty, of (i) the performance or observance by Obligor of any express or implied agreement, covenant, term or condition relating to the Agreement to be performed or observed by Obligor, (ii) any other guaranter or obligor or any of the Guaranteed Obligations or (iii) any security for any Guaranteed Obligations;
  - (b) the extension of time for the payment or performance by Obligor of all or any portion of the Guaranteed Obligations or the extension of time for the performance of any other obligation under, arising out of, or in connection with, the

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 59 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT B Page 3 of 5

# Agreement;

- (c) any failure, omission, delay or lack of diligence on the part of the Counterparty to enforce, assert or exercise any right, privilege, power or remedy conferred on the Counterparty pursuant to the terms hereof or of the Agreement, respectively, or any action on the part of Obligor granting indulgence or extension of any kind;
- (d) the voluntary or involuntary liquidation, dissolution, sale of any collateral, receivership, insolvency, bankruptcy, assignment for the benefit of creditors, reorganization, arrangement, composition or readjustment of debt of, or other similar proceedings affecting, Obligor or any of the assets of Obligor;
- (e) any invalidity or unenforceability of, or defect or deficiency in, the Agreement or any of the Guaranteed Obligations;
- (f) the settlement or compromise of any obligation guaranteed hereby or hereby incurred; or
- (g) any other circumstance whatsoever that might otherwise constitute a legal or equitable discharge or defense of a guarantor, it being the intent of this Section 2 that the obligations of Guarantor with respect to the Guaranteed Obligations shall be absolute, irrevocable, unconditional and continuing under any and all circumstances.
- Waivers Guarantor hereby waives notice of acceptance of this Guaranty and of any liability to which it applies or may apply, presentment, demand for payment (except as provided in Section 1 hereunder), any right to require a proceeding first against Obligor or any other person before proceeding against Guarantor, protest, notice of nonpayment, notice of dishonor, notice of redemption and all other notices and demands (except as provided in Section 1 hereunder), and hereby consents to any extension of time of payment of the obligations under the Agreement. Guarantor waives any defenses that it may have as a result of its failure to establish adequate means of obtaining from Obligor on a continuing basis financial and other information pertaining to Obligor's business and financial condition, or Guarantor's failure to be and now and hereinafter continue to be completely familiar with the business, operation and financial condition of Obligor and its assets. Guarantor hereby waives and relinquishes any duty on the part of Counterparty to disclose to Guarantor any matter, fact or thing relating to the business, operation or financial condition of Obligor and its assets now known or hereafter known by Counterparty during the term of this Agreement. Guarantor further waives notice of, and hereby consents to, any change in, amendment to, waiver of or consent to a deviation from, any of the terms and provisions of the Agreement or any renewal, extension, increase, acceleration or other alteration of any of the Guaranteed Obligations or the taking of any security for the Guaranteed Obligations or any release thereof.
- 4. <u>Subrogation</u>. Guarantor shall be subrogated to all rights of Counterparty against Obligor in respect of any amounts paid by Guarantor pursuant to this Guaranty, provided that Guarantor will not exercise any rights it may acquire by way of subrogation under this Guaranty, by any payment made hereunder or otherwise, until all of the Guaranteed Obligations shall have been paid in full. If any amount shall be paid to Guarantor on account of such subrogation rights at any time when all the Guaranteed Obligations shall

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 60 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT B Page 4 of 5

not have been paid in full, such amount shall be held in trust for the benefit of Counterparty and shall forthwith be paid to Counterparty to be applied to the Guaranteed Obligations. If (a) Guarantor shall perform and shall make payment to Counterparty of all or any part of the Guaranteed Obligations and (b) all the Guaranteed Obligations shall have been paid in full, Counterparty shall, at Guarantor's request, execute and deliver to Guarantor appropriate documents necessary to evidence the transfer by subrogation to Guarantor of any interest in the Guaranteed Obligations resulting from such payment by Guarantor.

- 5. <u>Representations and Warranties</u>. Guarantor hereby represents and warrants as follows:
  - (a) Guarantor is a company duly organized, validly existing and in good standing under the laws of \_\_\_\_ and is duly qualified to do business in, and is in good standing in, all other jurisdictions where the nature of its business or the nature of property owned or used by it make such qualification necessary.
  - (b) The execution and delivery by Guarantor of this Guaranty, and the performance by Guarantor of its obligations hereunder (i) are within Guarantor's company powers, (ii) have been duly authorized by all necessary company action and (iii) do not and will not (A) violate any provision of the charter or by-laws or other organizational documents of Guarantor, (B) violate any applicable law or order binding on or affecting Guarantor, or (C) result in a breach of, or constitute a default under, any indenture or loan or credit agreement or any other agreement, lease or instrument to which Guarantor is a party or by which it or its properties may be bound or affected.
  - (c) This Guaranty constitutes the legal, valid and binding obligation of Guarantor enforceable against Guarantor in accordance with its terms except as such enforceability may be limited by applicable bankruptcy, insolvency, reorganization, debtor relief or similar laws affecting the rights of creditors generally and the application of general principles of equity (regardless of whether considered in a proceeding in equity or at law).
- 6. <u>Amendments</u>. No amendment or waiver of any provision of this Guaranty, and no consent to any departure by Guarantor herefrom, shall in any event be effective unless the same shall be in writing and signed by both Guarantor and Counterparty.
- 7. <u>Assignment</u>. Neither Guarantor nor the Counterparty may assign its rights, interests or obligations hereunder to any other person without the prior written consent of Guarantor or Counterparty, as the case may be; <u>provided</u> that Counterparty may transfer all or any portion of its rights, interests or obligations under this Guaranty without the consent of Guarantor to any transferee of the Agreement.
- 8. <u>Governing Law</u>. This Guaranty shall be governed by, and construed in accordance with, the laws of the State of Michigan without regard to its principles of conflicts of laws.
- 9. <u>Notices</u>. Any notice required or permitted to be given hereunder shall be in writing and mailed via a nationally recognized overnight delivery service to the address as set forth in the first paragraph hereof. Notices shall be deemed effective one (1) business day after being mailed.
  - 10. Severability. The invalidity or unenforceability of any provision of this

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 61 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT B Page 5 of 5

Guaranty shall not affect the remaining provisions that shall be liberally construed in order to carry out the intentions of Guarantor and Counterparty in respect of and including any provision which is invalid or unenforceable as nearly as possible.

- 11. <u>Entire Agreement</u>. This Guaranty constitutes the entire agreement between the parties and supersedes all prior agreements and understandings, both written and oral, between the parties with respect to the subject matter hereof.
- 12. <u>Miscellaneous</u>. The provisions of this Guaranty will bind and benefit the successors and permitted assigns of Guarantor and Counterparty. The term "Obligor" means both Obligor and its successors and permitted assigns pursuant to the Agreement and the term "Counterparty" means Counterparty and its successors and permitted assigns.

IN WITNESS WHEREOF, the Guarantor has caused this Guaranty to be executed by its duly authorized officer as of the day first above written.

_		_	
Ву:			
-			
Name:			
Title:			

[GUARANTOR COMPANY NAME]

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 62 of 76 Witness: BASkowronski Date: October 2021

> EXHIBIT C Page 1 of 6

# Exhibit C Form of Collateral Assignment

COLLATERAL ASSIGNMENT OF RENEWABLE ENERGY PURCHASE AGREEMENT
This ASSIGNMENT OF RENEWABLE ENERGY PURCHASE AGREEMENT ("Assignment Agreement") is entered into as of the day of, 20, among [Counterparty], a Michigan [Legal Entity Type] (the "Borrower"), Consumers Energy Company, a Michigan corporation ("Consumers"), and [Lender Name], a [Legal Entity Type], (the "Bank"). Borrower, Consumers and Bank are herein sometimes referred to individually as "Party" and collectively as "Parties" where appropriate.
WHEREAS, Consumers and Borrower entered into a Renewable Energy Purchase Agreement dated, 20 (the "REPA"), pursuant to which Consumers agreed to annually purchase electric capacity, electric energy and renewable energy credits to be supplied by a [Technology Type] facility called the [Plant Name] (the "Facility");
WHEREAS, Borrower and/or one or more of its affiliates has entered into that certain [Financing Agreement], dated as of (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Credit Agreement") with the financial institutions from time to time parties thereto as lenders and/or issuing banks, and the Bank as agent on behalf of such financial institutions, pursuant to which, among other things, such financial institutions have extended commitments to make loans and other financial accommodations to, and for the benefit of, the Borrower;
WHEREAS, pursuant to a [Security Agreement] between the Borrower and the Bank, dated as of (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"), the Borrower has agreed, among other things, to assign, as collateral security for the obligations of the Borrower and/or one or more of its affiliates under the Credit Agreement and related documents (collectively, the "Financing Documents"), all of its right, title and interest in, to and under the REPA to the Bank; and
WHEREAS, it is a condition precedent to the making of loans pursuant to the Credit Agreement that the Borrower and the other parties hereto execute this Assignment Agreement.
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, and intending to be legally bound, the Parties hereby agree as follows:
1. Assignment.

- (a) As security for the due and punctual performance and payment of all of the Borrower's obligations under the Credit Agreement, the Borrower hereby assigns to the Bank all of the Borrower's right, title and interest in, to and under the REPA, and Consumers hereby consents to such assignment. Unless expressly provided otherwise in this Assignment Agreement, nothing in the Credit Agreement shall in any way amend, alter or otherwise affect any rights of Consumers under the REPA.
- (b) The Bank shall be entitled (but not obligated) to exercise all rights and to cure all defaults of the Borrower under the REPA, subject to applicable notice and cure periods provided in the REPA and as set forth herein. Upon receipt of written notice from the Bank,

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 63 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT C Page 2 of 6

Consumers agrees to accept such exercise and cure by the Bank if timely made by the Bank under the REPA and this Assignment Agreement. In the event the Bank or its designee(s) or assignee(s) succeed to the Borrower's interest under the REPA, the Bank or its designee(s) or assignee(s) shall cure all then-existing payment or other performance defaults under the REPA. The Bank and its designee(s) or assignee(s) shall then have the right to assign its interest in the REPA to a person or entity to whom the Borrower's interest in the Facility is transferred, provided that (i) such transferee assumes and can perform all of the then-outstanding obligations of the Borrower under the REPA, (ii) the transferee provides the credit support required under the REPA, and (iii) such transferee has at least three (3) years' experience operating facilities similar to the Facility or has contracted with an operations and maintenance provider having such experience. Upon such assignment, the Bank and its designee(s) or assignee(s) (including their agents and employees) shall be released from any further liability thereunder accruing from and after the date of such assignment, to the extent of the interest assigned. Notwithstanding any such further assignment and assumption of the obligations of the Borrower under the REPA by such party, the Bank shall remain liable for the obligations of the Borrower under the REPA which arose during the period in which the Bank assumed the Borrower's obligations under the REPA.

- (c) Upon an event of default or breach by the Borrower in the performance of any of its obligations under the REPA, or upon the occurrence or non-occurrence of any event or condition under the REPA which would immediately or with the passage of any applicable grace period or the giving of notice enable Consumers to terminate the REPA (hereinafter, a "Default"), Consumers shall not terminate the REPA until it first gives written notice of such Default to the Bank and affords the Bank (i) fifteen (15) days, in the case of a Default for failure to pay amounts to Consumers which are due and payable under the REPA and (ii) forty-five (45) days, in the case of any Default not included in clause (i), the opportunity cure such Default. Each of the periods in the foregoing clauses (i) and (ii) shall begin on the later of (A) the expiration of the Borrower's cure period under the REPA (if any) and (B) the date of the Bank's receipt of notice of such Default from Consumers. Consumers and the Borrower each agree that unless and until Consumers receives written notice from the Bank as set forth in Section 1(b) above, the Bank shall not be deemed by virtue of the execution and delivery of this Assignment Agreement to have assumed any of the obligations of the Borrower under the REPA.
- If (i) possession of the Facility is necessary to cure such Default or (y) if the Default can only be cured by the Borrower and is not curable by the Bank, such as the bankruptcy of the Borrower or the consolidation, amalgamation or merger of the Borrower into, or transfer of all or substantially all of its assets to, another entity which fails to assume the obligations of the Borrower under the REPA, and, in each such case, the Bank or its successor(s), assignee(s) and/or designee(s) declares an "Event of Default" under the Credit Agreement and notifies Consumers in writing that the Bank has commenced foreclosure or other legal proceedings necessary to take possession of the Facility, the Bank will be allowed a reasonable period to both commence (not to exceed thirty (30) days) and complete (not to exceed one hundred fifty (150) additional days) such proceedings, provided that, if the Default can only be cured by the Borrower and is not curable by the Bank as described above, the Bank shall be entitled to assume the rights and obligations of the Borrower under the REPA and provided such assumption occurs, and if the Bank cures any other pending defaults by the Borrower, Consumers shall not be entitled to terminate the REPA as a result of such Default. If the Bank or its successor(s), assignee(s) and/or designee(s) is prohibited by any court order or bankruptcy or insolvency proceedings of the Borrower from curing the Default or from commencing or prosecuting such proceedings, the foregoing time periods shall be extended by the period of such prohibition, provided that the Bank or its successor(s), assignee(s) and/or designee(s) is pursuing relief from such prohibition with due dispatch. Consumers shall recognize the Bank or its designee(s) or assignee(s) as the applicable party under the REPA provided that the Bank or its designee(s) or assignee(s) assume the obligations of the Borrower under the REPA; and provided further that the Bank or its

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 64 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT C Page 3 of 6

designee(s) or assignee(s) has a creditworthiness or total credit support at least equal to that of the Borrower as of the date hereof.

- (e) In the event that the REPA is rejected by a trustee or debtor-in-possession in any bankruptcy or insolvency proceeding, and if, within thirty (30) days after such rejection, the Bank shall so request, Consumers will negotiate with the Bank in good faith in an effort to execute and deliver to Bank a new power purchase agreement reasonably agreeable to Consumers and the Bank, which shall be on as reasonably similar terms and conditions as the original REPA for the remaining term of the original REPA before giving effect to such rejection, and which shall require the Bank to cure any defaults then existing under the original REPA.
- (f) In the event the Bank or its designee(s) or assignee(s) elect(s) to succeed to the Borrower's interest under the REPA, or enter into a new power purchase agreement as provided in Section 1(e) above, the recourse of Consumers against the Bank or its designee(s) and assignee(s) shall be limited to such party or parties' interests in the Facility, the credit support provided or required under the REPA, and any remedies available to Consumers under the new power purchase agreement if entered into between Consumers and the Bank or its designee(s) or assignee(s) as provided in Section 1(e) above.
- (g) This Assignment Agreement shall not be deemed to release or to affect in any way the obligations of the Borrower or Consumers under any provisions of the REPA, except as expressly set forth in this Assignment Agreement. No assumption of the Borrower's obligations under the REPA by the Bank or any further designee or assignee shall release the Borrower from its obligations to Consumers under the REPA.

# 2. Delivery of Notices

Consumers agrees that it will promptly notify the Bank of any termination or default under the REPA concurrently with providing such notice to the Borrower, or as soon as reasonably practicable thereafter.

# 3. Default and Cure

Notwithstanding the remainder of this Assignment Agreement, there shall be no cure period allowed the Bank in the event of termination of the REPA by Consumers pursuant to Sections 5.3 and 10.1 thereof.

# 4. Payment.

Consumers and the Borrower agree that until receipt of written notice from the Bank that all obligations under the Credit Agreement have been fully satisfied, Consumers will make all payments due to the Borrower under the REPA directly to the following account at the Bank:

Account No.		

# 5. Successor and Assigns.

This Assignment Agreement shall bind and inure to the benefit of the Parties to this Assignment Agreement and their respective successors, transferees and assigns. No termination, amendment, or variation of any provisions of this Assignment Agreement shall be

Exhibit No.: A-2 (BAS-2)
Page: 65 of 76
Witness: BASkowronski
Date: October 2021

Case No.: U-20165

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT C Page 4 of 6

effective unless in writing and signed by the Parties hereto. No waiver of any provisions of this Assignment Agreement shall be effective unless in writing and signed by the Party waiving any of its rights hereunder. All rights of the Parties hereto shall terminate without the requirement for any writing upon the "[Discharge Date]" under the Credit Agreement, which the Borrower agrees to provide to each other Party promptly after the occurrence thereof.

#### 6. Applicable Law.

The construction, performance and validity of this Assignment Agreement shall be governed by the laws of the State of Michigan (excluding the laws applicable to conflicts or choice of law). Each of the Bank, Consumers and the Borrower hereby submits to the non-exclusive jurisdiction of the United States District Court for the Eastern District, Southern Division of Michigan and of any Michigan State Court sitting in Jackson, Michigan for the purpose of all legal proceedings arising out of or relating to this Assignment Agreement or the transactions contemplated hereby. As of the date hereof, Consumers represents that the REPA is a legal, valid and binding obligation of Consumers. In the event any provision of this Assignment Agreement or the obligations of any of the Parties hereto, shall be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions, or the obligations of the other Parties hereto, shall not in any way be affected or impaired thereby.

# 7. Waiver.

Unless otherwise specifically provided by the terms of this Assignment Agreement, no delay or failure to exercise a right resulting from any breach of this Assignment Agreement shall impair such right or shall be construed to be a waiver thereof, but such right may be exercised from time to time and as often as may be deemed expedient. Any waiver shall be in writing and signed by the Party granting such waiver. If any representation, warranty or covenant contained in this Assignment Agreement is breached by any Party and thereafter waived by the other Parties, such waiver shall be limited to the particular breach so waived and shall not be deemed to waive any other breach under this Assignment Agreement.

# 8. Counterparts.

This Assignment Agreement (and each amendment, modification and waiver in respect of it) may be executed and delivered in multiple counterparts (including by facsimile transmission), each of which will be deemed an original and all of which shall constitute one and the same instrument. Any document generated by the Parties with respect to this Assignment Agreement, including this Assignment Agreement, may be imaged and stored electronically and introduced as evidence in any proceeding as if original business records. None of the Parties hereto will object to the admissibility of such images as evidence in any proceeding on account of having been stored electronically.

# 9. Notices.

All written notices provided for in this Assignment Agreement shall be mailed by registered or certified mail, return receipt requested, or delivered by hand to the Borrower, Consumers and the Bank at the following addresses or such other address as may be designated in a written notice by the addressee:

If to the Borrower:

<sup>&</sup>lt;sup>1</sup> To be on or about date of commercial operation under REPA.

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 66 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT C Page 5 of 6

Attention:
If to Consumers:
Consumers Energy Company Attention: Keith G. Troyer, Director of EGI Contracts and Settlements
1945 West Parnall Road Jackson, MI 49201
If to the Bank:
Attention:

All such notices shall be effective when delivered.

# 10. Entire Agreement

This Assignment Agreement shall completely and fully supersede all prior undertakings or agreements, both written and oral, between the Parties with respect to the assignment of the REPA in so far as the obligations and rights of the Borrower and Consumers are concerned.

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 67 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT C Page 6 of 6

IN WITNESS WHEREOF, this Assignment Agreement has been executed on behalf of the undersigned Parties by their respective representatives thereunto duly authorized as of the date first above written.

(Borrower Name)
By: (Name) Its:
Its:(Title)
CONSUMERS ENERGY COMPANY
By:(Name)
Its:(Title)
(Bank Name)
By:(Name)
Its:
(Title)

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 68 of 76 Witness: BASkowronski Date: October 2021

> EXHIBIT D Page 1 of 2

# **Exhibit D Form of Estoppel Certificate**

# **ESTOPPEL CERTIFICATE**

Pursuant to the	nat certain Renew	⁄able Energy Ρι	ırchase Aç	greement, date	d as of [ <i>Date</i> ]
entered into betweer	n Consumers Ene	rgy Company, a	a Michigan	corporation (to	gether with its
successors and ass	igns, the " <u>Contra</u>	cting Party"), a	nd	, a Michigar	n company (the
"Project Company"),	the Contracting	Party hereby	delivers	this Estoppel	Certificate to
	_ (the " <u>Project</u>	Company"),		(tl	he " <u>Collatera</u>
Agent") and		(the " <u>Equity</u>	Investor")	) and hereby c	onfirms to the
Project Company, th	e Collateral Agen	t and Equity Inv	estor that:		

- (a) No default, or event that with notice and passage of time will become a default, by the Contracting Party nor, to its actual knowledge, the Project Company exists under that certain Renewable Energy Purchase Agreement, dated as of [*Date*], between the Contracting Party and the Project Company (as amended, amended and restated, supplemented or otherwise modified from time to time in accordance with the terms hereof and thereof, the "<u>PPA</u>");
- (b) Contracting Party hereby consents to the transfer of the membership interests in Project Company to Equity Investor. Furthermore, Contracting Party hereby agrees that such transfer of the membership interests to Equity Investor shall not constitute a default by Project Company;
- (c) As of the date hereof, (i) the PPA is in full force and effect and has not been amended, supplemented or modified, (ii) there are no disputes or legal proceedings between the Contracting Party and the Project Company and there are no proceedings pending or, to its actual knowledge, threatened against or affecting the Contracting Party in any court or by or before any governmental authority or arbitration board or tribunal which could reasonably be expected to have a material adverse effect on the ability of the Contracting Party to perform its obligations under the PPA, (iii) to the Contracting Party's actual knowledge the Contracting Party is not aware of any event, act, circumstance or condition constituting an event of force majeure under the PPA, (iv) to the Contracting Party's actual knowledge the Project Company

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company

Consumers Energy Company

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Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 69 of 76 Witness: BASkowronski

Date: October 2021

EXHIBIT D Page 2 of 2

does not owe any indemnity or other payments to the Contracting Party and the Contracting

Party has no existing counterclaims, offsets or defenses against the Project Company under

the PPA, (v) the Contracting Party has not made any payments to the Project Company in

respect of liquidated damage, warranty or indemnity claims, (vi) the Contracting Party has not

transferred, pledged or assigned, in whole or in part, any of its right, title or interest in, to and under the PPA and (vii) to the Contracting Party's actual knowledge, the obligations of the

Project Company under the PPA required to be performed on or before the date hereof have

been properly performed or expressly waived in writing;

(d) The Contracting Party is a Michigan corporation which is duly incorporated,

validly existing and in good standing under the laws of Michigan and has all requisite power

and authority to conduct, execute, deliver and perform its obligations under the PPA and this

certificate, and the execution, delivery and performance by the Contracting Party of the PPA and this certificate have been duly authorized by all necessary company action on the part of

the Contracting Party and do not require any approvals, filings with or consents of any entity

or person which have not previously been obtained or made. There are no actions pending

against the Contracting Party under the bankruptcy or any similar laws of the United States

or any state; and

(e) The Contracting Party agrees that it will promptly notify each Equity Investor of

any termination or default under the PPA concurrently with providing such notice to the

Project Company, or as soon as reasonably practicable thereafter, at its notice address set

forth on [Exhibit A] hereto.

IN WITNESS WHEREOF, the Contracting Party has caused this certificate to be

executed by its undersigned authorized officer as of [Month]\_, [Year].

**CONSUMERS ENERGY COMPANY,** 

a Michigan corporation

By:	
Name:	
Title:	

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 70 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT E Page 1 of 1

# **Exhibit E Energy Purchase Price Schedule**

The Energy Purchase Price for Delivered Energy shall be the rate as determined in the table below. Notwithstanding the foregoing, the Energy Purchase Price for Delivered Energy shall be reduced from the amounts shown in the following table, if applicable, in accordance with Exhibit I.

<u>Planning Year</u>	Energy Purchase
(Commencing on June 1	Price
of the Stated Year)	\$/MWh
2021 2022 2023 2024 2025 2026 2027	\$35.26 \$35.26 \$35.26 \$35.26 \$35.26 \$35.26
2028 2029 2030 2031 2032 2033 2034	\$35.26 \$35.26 \$35.26 \$35.26 \$35.26 \$35.26
2035	\$ 35.26
2036	\$ 35.26
2037	\$ 35.26
2038	\$ 35.26
2039	\$ 35.26
2040	\$ 35.26
2041 2042 2043 2044 2045 2046	\$35.26 \$35.26 \$35.26 \$35.26 \$35.26
2047	\$ <u>35.26</u>
2048	\$ <u>35.26</u>

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 71 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

# **Exhibit F Monthly Escrow Payment**

Beginning with the Billing Month in which the Commercial Operation Date occurs, Buyer will retain during each Billing Month a portion of the energy compensation until the interest-bearing account equals or exceeds the Early Termination Security Amount identified in Exhibit A. Interest on the monthly escrow payments shall accrue at the Interest Rate. Buyer will continue to retain such funds to achieve and maintain a security for continued performance. The amount retained each month shall be determined in accordance with the following formula:

Monthly Escrow Payment (\$) = \$3.50/MWh x Delivered Energy

All monthly escrow payments and accumulated interest shall be retained in the interest-bearing account until the Early Termination Security Amount is reached (the "Full Funding"). Once the interest-bearing account has Full Funding, Buyer will not retain any portion of the monthly energy compensation; however, accumulated interest will continue to be held in the interest-bearing account.

Monthly escrow payments will be held by Buyer from Commercial Operation Date through the first Billing Month of the Planning Year that begins one year after 60% of the Contract Term has been completed (the "Refund Period"), at which point Seller will no longer be obligated to continue making monthly escrow payments. The balance in the interest-bearing account will be disbursed to the Seller over the remaining term of the Agreement. Beginning with the first Billing Month of the Refund Period, Buyer will pay Seller the monthly escrow payment in each successive Billing Month using the formula above. Any amounts, including accumulated interest, remaining in the interest-bearing account after termination of this Agreement shall be paid by Buyer to Seller on the final Billing Month settlement of the Agreement.

Upon termination pursuant to Section 10 of the Agreement after the Commercial Operation Date, Buyer shall retain all remaining funds in the interest-bearing account to the extent necessary to satisfy Seller's obligation to pay the Early Termination Security Amount.

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 72 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT G Page 1 of 1

# Exhibit G Legal Description of Plant Site

The location of the Plant Site is: Calhoun County, Michigan; Lat: 42°18'28.74"N; Lon: -85° 1'26.02"W.

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 73 of 76 Witness: BASkowronski Date: October 2021

> EXHIBIT H Page 1 of 2

# **Exhibit H Form of Construction Report**

<b>Construction Report Date</b>		
Project Name		
Developer/Owner		
Construction start date		
Projected COD		
PPA effective date		
Earnest Money Deposit Date		
Interconnection		
	GIA Execution Date	
	Facilities Construction Agreement	
	Execution Date	
	2.0000.0 2 0.0	
Metering Requirements		
	Meter Type	
	Meter Data Management Agent	
	(Developer or Third Party, please	
	provide company name):	
	Renewable Energy Credit Qualified	
	Reporting entity (Developer or Third	
	Party, please provide company	
	name):	
Environmental Permits	Data Cail Fuscion Bannita Annua ad	
	Date Soil Erosion Permits Approved:	
	Date Drain Agreements Approved (if Applicable):	
	Date Road Use Agreement Approved (if Applicable):	
	Date all Zoning Permits Final Approval:	
	Αρριοναί.	
Major Procurements Completed Date	2\$	
·	Date Main Power Transformer	
	Contract Executed:	
	Date Solar Panel Procurement	
	Contract Executed:	
% Complete of Panel Construction from	om Projected Commercial Operation Date	te (PCOD)
	12 months to PCOD	
	11 months to PCOD	
	10 months to PCOD	

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 74 of 76 Witness: BASkowronski Date: October 2021

> EXHIBIT H Page 2 of 2

	9 months to PCOD	
	8 months to PCOD	
	7 months to PCOD	
	6 months to PCOD	
	5 months to PCOD	
	4 months to PCOD	
	3 months to PCOD	
	2 months to PCOD	
	1 month to PCOD	
	15 days to PCOD	
COD Process		
	Start of Construction Electrical	
	Testing Date:	
	Generation of First Test Energy	
	Date(s):	
	<b>Projected Commercial Operation</b>	
	Date:	

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 75 of 76 Witness: BASkowronski Date: October 2021

> EXHIBIT I Page 1 of 2

# Exhibit I Value Added Criteria Guarantees

Buyer represents that this Agreement was entered into as a result of a competitive solicitation administered in accordance with Buyer's Integrated Resource Plan. Seller acknowledges that the proposal submitted in the solicitation which resulted in the negotiation and execution of this Agreement contained certain guarantees regarding the Plant that Seller has, or will, demonstrate to Buyer as provided herein and resulted in Seller receiving a higher Energy Purchase Price under this Agreement because of each Value Added Criteria included in its proposal. Seller acknowledges that failure to meet any Value Added Criteria claimed in the proposal will result in a decrease to the Energy Purchase Price by 110% of the respective amount awarded for such Value Added Criteria offered in the competitive solicitation as such monetary adjustment is identified in the applicable Value Added Criteria below. Such adjustments are cumulative to the extent that the applicable Value Added Criteria guarantees are not met.

Check all Value Added Criteria claims that apply to the Plant and this Agreement:

# <u>Brownfields</u> \_\_\_\_ 1. Seller guarantees the facility meets the requirements for a brownfield but contamination only exceeds Residential Criteria and not Non-Residential Criteria. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to meet this criteria will result in a decrease in the Energy Purchase Price of \$0.275/MWh for the entire term of the

- \_\_\_\_ 2. Seller guarantees the facility meets the requirements for a brownfield but contamination present on the site can be managed with due care only (e.g., soil management, deed restrictions). Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to meet this criteria will result in a decrease in the Energy Purchase Price of \$0.165/MWh for the entire term of the Agreement.
- \_\_\_\_\_ 3. Seller guarantees the facility meets the requirements for a brownfield and "A No Further Action" has been obtained from Department of Environment, Great Lakes, and Energy. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to meet this criteria will result in a decrease in the Energy Purchase Price of \$0.275/MWh for the entire term of the Agreement.
- \_\_\_\_ 4. Seller guarantees the site will contain a minimum of 25% pollinator vegetation for the entire term of the Agreement. Seller will provide proof of this guarantee to the Buyer with reasonable visual, documented, and/or inspection of confirmation at the Buyer's discretion. Failure to meet this criteria will result in a decrease in the Energy Purchase Price of \$0.11/MWh for the entire term of the Agreement.

# <u>Distributed Generation Connect for Supply Value</u>

\_\_\_\_ 1. Seller guarantees that the Plant will be interconnected to Consumers Energy's electric distribution system at a voltage of 46kV and below. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to demonstrate meeting this criteria will result in a decrease in the Energy Purchase Price of \$0.715/MWh for the entire term of the Agreement.

# **Michigan Content**

Agreement.

\_\_\_\_ 1. Seller guarantees \_\_\_\_% of all project materials are sourced from Michigan-based companies and manufactured or assembled in Michigan. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to demonstrate meeting this criteria will result in a decrease in the Energy Purchase Price of up to \$1.683/MWh for the entire term

Case No.: U-20165 Exhibit No.: A-2 (BAS-2) Page: 76 of 76 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: ED08A89C-C7D3-4E02-A650-441727D5D363

EXHIBIT I Page 2 of 2

of the Agreement. This guarantee and associated Energy Purchase Price reduction is based on a linear scale with 50% or more achieving the entire Value Added Criteria (for example, if Seller promises 50% and the Project achieves 40%, the Energy Purchase Price will be reduced by  $(50\%-40\%)/50\% = 0.2 \times 1.683 = 0.337$ ).

## Michigan Labor

\_X\_ 1. Seller guarantees \_\_80\_% construction in field labor hours are completed by Michigan Residents. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to demonstrate meeting this criteria will result in a decrease in the Energy Purchase Price of up to \$1.177/MWh for the entire term of the Agreement. This guarantee and associated Energy Purchase Price reduction is based on a linear scale with 80% or more receiving the entire Value Added Criteria (for example, if Seller promises 80% and the Project achieves 70%, the Energy Purchase Price will be reduced by (80%-70%)/80% = .125 x \$1.177 = \$1.147).

## **Prevailing Wage**

\_X\_ 1. Seller guarantees that prevailing wage is provided for construction labor only. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to demonstrate meeting this criteria will result in a decrease in the Energy Purchase Price of \$1.177/MWh for the entire term of the Agreement.

#### **Dispatchable**

\_\_\_\_ 1. Seller guarantees that the Plant can be available to dispatch up to 100% and down to no more than 70% of its installed capacity 24 hours a day, 7 days a week at the dispatch direction of Consumers Energy. Failure to demonstrate meeting this criteria will result in a decrease in the Energy Purchase Price of \$1.815/MWh for the entire term of the Agreement.

# Located in Designated Low-Income Area

\_\_\_\_\_1. Seller guarantees the project is 100% located within a county within Consumers Energy's service territory that has 40% or greater population that is at 200% of poverty as listed in the Low Income Exhibit within the Company's 2020 RFP. Seller will provide proof of this guarantee to Buyer with reasonable documentation of the location of all Plant equipment for such qualification at the Buyer's discretion. Failure to demonstrate meeting this criteria will result in a decrease in the Energy Purchase Price of \$0.82/MWh for the entire term of the Agreement.

#### **Existing Facilities**

\_\_\_\_ 1. Seller guarantees the project is an existing facility. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to demonstrate meeting this criteria will result in a decrease in the Energy Purchase Price of \$0.627/MWh for the entire term of the Agreement.

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 1 of 77 Witness: BASkowronski Date: October 2021

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# RENEWABLE ENERGY PURCHASE AGREEMENT BETWEEN CONSUMERS ENERGY COMPANY AND JACKSON COUNTY SOLAR, LLC

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Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 2 of 77 Witness: BASkowronski Date: October 2021

#### RENEWABLE ENERGY PURCHASE AGREEMENT

# PART I COVERSHEET

This Renewable Energy Purchase Agreement is made as of the following date: October 15\_\_\_, 2021. This Renewable Energy Purchase Agreement, together with the exhibits, schedules and any written supplements hereto, any designated collateral, credit support or margin agreement or similar arrangement between the Parties shall be referred to as the "Agreement." The Parties to this Agreement are the following:

Consumers Energy Company or ("Buyer") Name Jackson County Solar, LLC ("Seller")

All Notices: Consumers Energy Company

Street: 1945 W Parnall Road

City: <u>Jackson</u> State: <u>MI</u> Zip:49201

Attn: Electric Contract Strategies

Emily Walainis, Manager Supply

Contracts
Phone: N/A

Email: energypurchase@cmsenergy.com

dance backson county colar, LEG ( ocher

All Notices: Jackson County Solar, LLC
c/o National Grid Renewables Development,

<u>LLC</u>

Street: 8400 Normandale Lake Boulevard,

Suite 1200

City: <u>Bloomington</u>
State: <u>MN</u> Zip: <u>55437</u>
Attn: <u>General Counsel</u>
Phone: 952-988-9000

Email: notices@nationalgridrenewables.com

#### Invoices:

Attn: Jenny Rickard Phone: 517-788-0091

Email: <u>ienny.rickard@cmsenergy.com</u>

# Invoices:

Attn: Accounts Payable Phone: 952-988-9000

Email:

accounting@nationalgridrenewables.com

# Scheduling:

Attn: Real-Time Operations
Phone: 517-788-1117
Email: N/A

# Scheduling:

Attn: <u>Operations</u> Phone: <u>833-274-2480</u>

Email:

operations@nationalgridrenewables.com

# **Contract Characteristics**

Plant Name: Jackson County Solar Project

Plant Type: Solar

Installed Capacity (MW<sub>AC</sub>): 200 MW<sub>AC</sub>

Plant Location: <u>Jackson County, MI</u>

Target Contract Capacity (MW<sub>AC</sub>): 125 MW<sub>AC</sub>

Contract Energy (MWh/yr): 243,536 MWh/yr

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 3 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Earnest Money Deposit: \$7,500,000

Form of Earnest Money Deposit: X Letter of Credit

\_\_Interest Bearing Account

Early Termination Security Amount: See Exhibit A

Target COD: December 31, 2023

Early COD: <u>July 31, 2023</u>

Expected Termination Date: December 31, 2043

Contract Term: 20 Years

Energy Purchase Price: See Exhibit E

Capacity Purchase Price: \$4,308.33/ZRC-month

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 4 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Other Contract Changes:

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 5 of 77 Witness: BASkowronski Date: October 2021

Terms and Conditions attached and all Exhibits are part of this Agreement. BUYER AND SELLER EACH ACKNOWLEDGE HAVING READ SAID DEFINITIONS AND TERMS AND CONDITIONS AND AGREE TO SAID TERMS AND CONDITIONS.

Consumers Energy Company 1945 W. Parnall Road	Jackson County Solar, LLC 8400 Normandale Lake Boulevard, Suite 1200
Jackson, MI 49201	Bloomington, MN 55437
(Buyer)	(Seller)
By:(Signature)	By: (Signature)
Printed Name:	Printed Name: Blake Nixon
Title:	Title: Authorized Person
Date:	Date: October 15, 2021

Review and Approvals		
Contracts		
Risk		
Legal		

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 6 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Terms and Conditions attached and all Exhibits are part of this Agreement. BUYER AND SELLER EACH ACKNOWLEDGE HAVING READ SAID DEFINITIONS AND TERMS AND CONDITIONS AND AGREE TO SAID TERMS AND CONDITIONS.

Consumers Energy Company 1945 W. Parnall Road Jackson, MI 49201 <sub>(Buyer)</sub>	Jackson County Solar, LLC 8400 Normandale Lake Boulevard, Suite 1200 Bloomington, MN 55437 (Seller)
By: Garrick J. Rochow  (Signature)	By:(Signature)
Printed Name: Garrick J. Rochow	Printed Name:
Title: President and CEO	Title:
Date:10/18/2021   9:19 AM EDT	Date:

Review and Approvals			
Contracts	EMW_ps	10/12/2021   4:16	PM EDT
Risk	CBP	10/12/2021   4:24	PM EDT
Legal		10/13/2021   7:46	AM EDT

Technical Accounting



10/13/2021 | 9:27 AM EDT

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 7 of 77 Witness: BASkowronski Date: October 2021

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# RENEWABLE ENERGY PURCHASE AGREEMENT BETWEEN CONSUMERS ENERGY COMPANY AND JACKSON COUNTY SOLAR, LLC

# Part II Table of Contents

1.	DEFI	NITIONS	1
2.	GEN	ERAL PROVISIONS	13
	2.1.	Effective Date and Term	13
	2.2.	Security for Performance	14
3.	PROI	DUCT TO BE SUPPLIED	17
	3.1.	Permits and Laws	18
	3.2.	Emission Allowances/Environmental Attributes	18
	3.3.	Renewable Energy Registration	19
4.	METE	ERING	20
5.	CON	STRUCTION OF PLANT AND COMMERCIAL OPERATION DATE	20
	5.1.	Seller's Responsibility	20
	5.2.	Seller's Obligation With Respect to Construction Start	20
	5.3.	Commercial Operation Date	21
	5.4	Test Energy	24
	5.5	Storage	24
6.	OPER	RATION OF PLANT	24
	6.1.	Seller's Operating Obligations	24
	6.2.	Outages of Generating Equipment	24
	6.3.	Capacity Data	25
	6.4.	Obligations to MISO	26
	6.5.	Communications	26
	6.6.	Uncompensated Curtailments	26
7.	COM	PENSATION	28
	7.1.	Energy Payment	28
	7.2.	Capacity Payment	29
	7.3.	No Incidental Energy or Test Energy Payment	30
	7.4.	Regulatory Disallowance	30
8.	EVEN	ITS OF DEFAULT	31

9.	BILLII	NG	33
	9.1.	Billing Procedure	33
	9.2.	Disputes	34
10.	EARL	Y TERMINATION	34
	10.1.	Early Termination	34
	10.2.	Early Termination Payment	35
	10.3.	Duty to Mitigate	36
11.	ADMII	NISTRATIVE COMMITTEE	36
	11.1.	Purpose	36
	11.2.	Membership	36
	11.3.	Meetings	36
	11.4.	Functions	36
	11.5.	Expenses	37
12.	FORC	E MAJEURE	37
	12.1.	Definition	37
	12.2.	Obligations Under Force Majeure	38
13.	INDE	MNITY	39
14.	DISA	GREEMENTS	40
	14.1.	Administrative Committee Procedure	40
	14.2	Obligations to Continue	40
15.	CHAN	IGES CONCERNING APPLICABLE LAW	40
16.	SUCC	ESSORS AND ASSIGNS; OPTION	41
16.1	Successors and Assigns41		
16.2	Purch	ase Option	41
17.	GOVE	RNING LAW; WAIVER OF JURY TRIAL	43
18.	HEAD	INGS	44
19.	NOTIC	CE TO PARTIES	44
20.	WAIV	ER	44
21.	NONSEVERABILITY44		
22.	MISCI	ELLANEOUS	45
	22.1	No Third-Party Beneficiaries	45
	22.2	Disclaimer of Joint Venture, Partnership and Agency	45
23.	ENTIF	RE AGREEMENT AND AMENDMENTS	45
24.	ELIGI	BLE CONTRACT PARTICIPANT	46
25.	COUN	ITERPARTS AND ELECTRONIC DOCUMENTS	46
26.	LIMIT	ATION OF LIABILITY	46

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 9 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

27. REPRESENTATIONS	46
Exhibit A Early Termination Security Amount Schedule	1
Exhibit B Form of Guaranty	1
Exhibit C Form of Collateral Assignment	1
Exhibit D Form of Estoppel Certificate	1
Exhibit E Energy Purchase Price Schedule	1
Exhibit F Monthly Escrow Payment	1
Exhibit G Legal Description of Plant Site	1
Exhibit H Form of Construction Report	1
Exhibit I Value Added Criteria Guarantees	

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 10 of 77 Witness: BASkowronski

Date: October 2021

RENEWABLE ENERGY PURCHASE AGREEMENT BETWEEN CONSUMERS ENERGY COMPANY AND JACKSON COUNTY SOLAR, LLC

> PART III TERMS AND CONDITIONS

This Agreement is made and entered into as of the Effective Date (defined below), between "Buyer," and "Seller", both identified in Part I. Buyer and Seller are herein sometimes referred to individually as "Party" and collectively as "Parties" where appropriate.

WITNESSETH:

WHEREAS, this Agreement has been prepared pursuant to MCLA 460.1 and all other applicable law; and

WHEREAS, Buyer anticipates that the electric energy, electric capacity, and Renewable Energy Credits ("RECs") (defined below) shall be sold by Seller to Buyer under this Agreement pursuant to the Buyer's Integrated Resource Plan as approved in MPSC Case No. U-20165; and

WHEREAS, Buyer owns electric facilities and is engaged in the generation, purchase, distribution and sale of electric energy in the State of Michigan; and

WHEREAS, Seller owns and operates, or intends to build the generating plant identified in Part I; and

WHEREAS, Seller wishes to deliver and sell and Buyer wishes to receive and purchase all or a portion of electric capacity, electric energy, RECs (defined below) and all other emission allowances and/or environmental attributes from and associated with the Plant (defined below) in the quantities specified herein on and after its Commercial Operation Date (defined below) for the term of this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein set forth, the Parties hereto agree as follows:

1. **DEFINITIONS** 

As used in this Agreement, the following terms shall have the following meanings

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 11 of 77

Witness: BASkowronski Date: October 2021

unless specifically stated otherwise in this Agreement:

"Act 295" - Means Michigan Public Act 295 of 2008 (as amended and as in effect on

the Effective Date of this Agreement).

"Act 304" – Means Michigan Public Act 304 of 1982 (as amended and as in effect on

the Effective Date of this Agreement).

"Act 341" – Means Michigan Public Act 341 of 2016 (as amended and as in effect on

the Effective Date of this Agreement).

"Act 342" – Means Michigan Public Act 342 of 2016 (as amended and as in effect on

the Effective Date of this Agreement).

"Actual Availability" means, for any Planning Year, the percentage calculated as

(a) 100, multiplied by (b) the result of (i) the sum of all Available Hours for each Inverter installed and

commissioned at the Plant at the beginning of the relevant Planning Year, divided by (ii) the total

number of Period Hours during such Planning Year for each Inverter that is installed and

commissioned at the Plant at the beginning of the Planning Year.

"Administrative Committee" - The committee established pursuant to Section 11,

Administrative Committee.

"Affiliate" – Means, with respect to any Person, any other Person (other than an

individual) that, directly or indirectly, through one or more intermediaries, controls, or is controlled by,

or is under common control with, such Person. For this purpose, "control" means the direct or indirect

ownership of fifty percent (50%) or more of the outstanding capital stock or other equity interests

having ordinary voting power.

"Agreement" - Is defined in Part I.

"Approval Date" – Is defined in Subsection 2.1, Effective Date and Term.

"Availability Damage Payment" - Is defined in Subsection 7.1, Energy Payment.

"Availability Shortfall MWhs" – means with respect to a Planning Year, the positive

amount of MWhs, if any, equal to (i) the total Delivered Energy generated over the Planning Year,

multiplied by (ii) Availability Standard divided by Actual Availability, minus (iii) the total Delivered

Energy generated over the Planning Year.

"Availability Standard" - Is defined in Subsection 7.1, Energy Payment.

"Available Hours" – means with respect to any Inverter for any period, the sum of

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 12 of 77

Witness: BASkowronski

Date: October 2021

(i) the number of Period Hours in which such Inverter was electrically interconnected to the

Interconnection Facilities during such period, as counted by an Inverter's programmable logic

controller, and (ii) all Excused Hours for such period.

"Bankrupt" – Means with respect to either Party, such Party (i) files a petition or

otherwise commences, authorizes or acquiesces in the commencement of a proceeding or cause of

action under any bankruptcy, insolvency, reorganization or similar law, or has any such petition filed

or commenced against it and such petition remains undismissed for a period of sixty (60) Days, (ii)

makes an assignment or any general arrangement for the benefit of creditors, (iii) otherwise becomes

bankrupt or insolvent (however evidenced), (iv) has a liquidator, administrator, receiver, trustee,

conservator or similar official appointed with respect to it or any substantial portion of its property or

assets, or (v) in a writing or other documentation demonstrates that it is generally unable to pay its

debts as they fall due.

"Billing Month" – Means the Calendar Month during which Product was delivered.

The first Billing Month with respect to Delivered Energy and Delivered RECs shall commence with

the Commercial Operation Date and end on the last day of the Calendar Month in which the

Commercial Operation Date occurs.

"Business Day" – Means a Calendar Day other than Saturday, Sunday or a Holiday.

"Buyer" - Means the Party so specified in Part I.

"Buyer's Share" - Means, from and after the Commercial Operation Date, the

amount, expressed as a percentage equal to, (i) the Contract Capacity divided by (ii) the Installed

Capacity.

"Calendar Day" or "Day" – Means the twenty-four (24) hour period beginning at 12:00

a.m. midnight Eastern Standard Time and ending at 11:59:59 p.m. Eastern Standard Time. The

terms Day and Calendar Day may be used interchangeably and shall have the same meaning.

"Calendar Month" or "Month" – Means the 28, 29, 30, or 31 Day period (as applicable)

that begins on the first Day of a calendar month and ends on the last Day of the calendar month.

The terms Month and Calendar Month may be used interchangeably and shall have the same

meaning.

"Calendar Year" or "Year" – Means the twelve (12) Month period beginning January

1 and ending the next subsequent December 31. The terms Year and Calendar Year may be used

interchangeably and shall have the same meaning.

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 13 of 77

Witness: BASkowronski Date: October 2021

"Capacity" – Means the instantaneous rate measured in MW at which energy can be

generated, delivered, received or transferred from the Plant.

"Capacity Purchase Price" – Means the price shown in \$/ZRC-month, for the

applicable Planning Year, as indicated in Part I.

"Closing Outside Date" – Defined in Subsection 16.2.1, Purchase Option.

"Commercial Operation Date" - Means the date established pursuant to

Subsection 5.3., Commercial Operation Date.

"Commissioned" – Means, with respect to any Plant solar array, that such solar array

has been installed and that Seller has taken all action necessary to enable the solar array to

commence extended and automated operation to deliver energy to the Point of Delivery.

"Compensated Capacity" - Means the average of (i) the Initial Resource Adequacy

Capacity and (ii) the actual Resource Adequacy Capacity awarded to Seller's Plant, as those

amounts are calculated for each applicable Planning Period, rounded to the nearest thousandth

of a ZRC. For the avoidance of doubt, Compensated Capacity is not necessarily equal to the

actual capacity delivered by Seller, and to which Buyer is entitled under this Agreement, for any

applicable Planning Period.

"Compensated Curtailment" - Means any curtailment of Buyer's Share of energy

from Seller's Plant that is not an Uncompensated Curtailment. Seller is entitled to payment for Lost

Production for a Compensated Curtailment, which includes an economic curtailment of the Plant's

output under order or instruction from MISO or Buyer to cease or modify operations at Seller's Plant

when hourly day ahead or real-time LMPs for the Plant's CPNode are less than \$0/MWh.

"Contract Capacity" - Means the Capacity of the Plant allocated by Seller to Buyer

that is utilized to supply this Agreement and will be determined as follows: (i) on the Commercial

Operation Date, the Contract Capacity shall mean the Capacity of the Plant allocated by Seller to

Buyer hereunder that has been Commissioned, and (ii) thereafter, to the extent additional Capacity

of the Plant is Commissioned and allocated by Seller to Buyer hereunder at any time within ninety

(90) days after the Commercial Operation Date, the Contract Capacity shall be increased by such

additional Commissioned amount; provided that in no event may the Contract Capacity exceed the

Target Contract Capacity.

"Contract Costs" – Means Seller's fees, legal expenses and other transaction costs

and expenses incurred by Seller in entering into an arrangement that replaces this Agreement and

are incurred in connection with the termination of this Agreement.

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 14 of 77 Witness: BASkowronski

Date: October 2021

"Contract Energy" – Means the MWh/yr identified in Part I.

"Contract Term" – Means the period of time specified in Part I, subject to the provisions in Subsection 2.1, Effective Date and Term, regarding any additional days required to complete a Planning Period.

"CPNode" – Has the meaning ascribed to such terms in the MISO Rules.

"Delay Damages" – Defined in Subsection 5.3, Commercial Operation Date.

"<u>Delivered Energy</u>" – Means Buyer's Share of the electric energy, expressed in MWh, produced by the Plant and delivered by Seller to the Point of Delivery as such amount of electric energy delivered is determined on an hourly basis pursuant to Section 4, <u>Metering</u>, but not to exceed Contract Capacity during any hour. For purposes hereof, "electric energy" means real power and not reactive (MVAR) or apparent (MVA) power.

"<u>Delivered RECs</u>" – Means all RECs granted to Seller pursuant to Act 295 associated with Delivered Energy, including any Michigan incentive RECs, as such RECs are delivered to Buyer via the receipt by Buyer of such RECs in Buyer's MIRECS account.

"<u>Early Termination Payment</u>" – Defined in Subsection 10.2, <u>Early Termination Payment</u>.

"Early Termination Security" – Defined in Subsection 2.2, Security for Performance.

"<u>Early Termination Security Amount</u>" – Means the amount shown on the Early Termination Security Amount Schedule set forth in Exhibit A.

"Earnest Money Deposit" – Defined in Subsection 5.3, Commercial Operation Date.

"Effective Date" - Is defined in Subsection 2.1, Effective Date and Term.

"Emergencies" – A condition or conditions on the transmission system which the transmission owner and/or operator determined either has, or is likely to, result in significant imminent disruption of service to Seller, or imminent endangerment to life or property.

"Energy Purchase Price" – Means the price shown in \$/MWh, for the applicable Planning Year, on the Product Purchase Price Schedule set forth in Exhibit E as may be modified in accordance with Exhibit I.

"Environmental Attribute(s)" – Means an environmental benefit that is capable of being measured, verified or calculated associated with a fixed amount of electricity generation, usually from a specific generating plant, and is a separate product from the energy produced.

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3)

Page: 15 of 77 Witness: BASkowronski

Date: October 2021

Environmental Attributes represent the general environmental benefits of renewable generation such

as air pollution avoidance. The exact quantity of the environmental benefit (e.g. pounds of emission

reductions of a given pollutant) may not be indicated by an Environmental Attribute, though it may

be quantified separately in pollution trading markets and through engineering estimates. An

Environmental Attribute represents an environmental benefit, whether or not trading markets for such pollutants or benefits exist. For the avoidance of doubt, Environmental Attributes excludes (i) any

local, state or federal depreciation deductions or, Federal Tax Benefits, other tax credits or cash

grants providing a tax or cash benefit to Seller or its owners based on ownership of, or energy

production from, any portion of the Plant that may be available to Seller or its owners with respect to

the Plant under applicable laws, and (ii) depreciation and other tax benefits arising from ownership

or operation of the Plant.

"Escrow Account" - Means an account used to retain the monthly or one-time

payment as described in Subsection 2.2, Security for Performance.

"Exercise Period" – Defined in Subsection 16.2.1, Purchase Option.

"Excused Hours" Means, with respect to any Inverter, those hours during which such

Inverter is not electrically interconnected to the Interconnection Facilities during such period, as counted by an Inverter's programmable logic controller, and it is not so interconnected or is unable

to schedule or deliver all or a portion of generated energy that it would otherwise be physically

available to deliver as Product to Buyer as a result of (a) Compensated Curtailments; (b)

Uncompensated Curtailments; (c) Force Majeure; (d) scheduled maintenance communicated by

Seller to Buyer in accordance with the third paragraph of Subsection 6.2, Outages of Generating

Equipment; and/or (e) Buyer's default which, if not cured, would constitute an Event of Default and

prevents or adversely affects Seller's performance.

"Exempt Operational Periods" - Those periods described in 18 CFR § 292.304(f) as

in effect as of the Effective Date of this Agreement, wherein Buyer has notified Seller in a timely

manner to cease delivery of electric energy hereunder during a specified period in which Seller would

otherwise have electric energy available for delivery but, due to operational circumstances,

purchases from Seller would in Buyer's reasonable judgment result in costs greater than those that

would result if Buyer generated an equivalent amount of energy through its own facilities. This period is used only in the event that this Agreement was entered into between the Parties for the purposes

of satisfying the Buyer's must purchase obligation in accordance with "Qualifying Facilities" under

the Public Utility Regulatory Policies Act of 1978, Public Law 95-617, 92 Stat 3117 and the

implementing Federal Regulations promulgated thereunder as such are amended to the Effective

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 16 of 77

Witness: BASkowronski Date: October 2021

Date of this Agreement and appear at 18 CFR §§ 292.101 through 292.602, throughout the term of

this Agreement.

"Fair Market Value" – Defined in Subsection 16.2.2, Purchase Option.

"Federal Funds Effective Rate" - Means, for any Day, the interest rate per annum

equal to the rate published as the Federal Funds Effective Rate by the Federal Reserve Bank in its

release H.15 (519) (or, if such Day is not a Business Day, for the preceding Business Day).

"Federal Tax Benefits" – Means: (i) renewable electricity production tax credits under

Internal Revenue Code Section 45 or its successor, or (ii) investment tax credits under Internal

Revenue Code Section 48 or its successor.

"Force Majeure" – Is defined in Subsection 12.1, Definition, of Section 12, Force

Majeure.

"Gains" - Defined in Subsection 10.2, Early Termination Payment.

"Holiday" - Means the holidays observed by MISO. As of the Effective Date of this

Agreement, such holidays include New Year's Day, Memorial Day, Independence Day, Labor Day,

Thanksgiving Day and Christmas Day, or if the Holiday occurs on a Sunday, the Monday immediately

following the Holiday.

"Incidental Energy" – Means both (i) Buyer's Share of any electric energy delivered

hourly in excess of Delivered Energy, and (ii) Buyer's Share of any electric energy delivered when

the hourly day ahead LMP for the Plant's CPNode is negative, as such amount of electric energy

delivered is determined on an hourly basis pursuant to Section 4, Metering. For purposes hereof,

"electric energy" means real power and not reactive (MVAR) or apparent (MVA) power.

"Initial Resource Adequacy Capacity" — Means the Resource Adequacy Capacity of

Seller's Plant, in ZRCs, determined for each applicable Planning Period in accordance with MISO's

methodology for calculating Resource Adequacy Capacity as of the Effective Date of this Agreement.

The Parties acknowledge and agree that as of the Effective Date, in the absence of sufficient actual

historical data, MISO uses a class average pursuant to MISO Rules until sufficient actual data exists

to satisfy MISO's criteria. Thereafter, use of such actual historical data pursuant to MISO's

methodology for calculating Resource Adequacy Capacity in effect as of the Effective Date of this

Agreement for the Plant will determine the Initial Resource Adequacy Capacity of Seller's Plant, in

ZRCs.

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 17 of 77

Witness: BASkowronski Date: October 2021

"Installed Capacity" – Means the total nameplate capacity of the Plant as identified in

Part I expressed in MW, that has been Commissioned, as may be updated pursuant to Section 4,

Metering.

"Interconnection Agreement(s)" – Means the agreement(s) between Seller and the

applicable electric transmission system owner and/or operator which describes the terms and

conditions regarding the connection of the Plant to such electric transmission system.

"Interconnection Delay" - Means any specific delay that both (i) is unknown to Seller

on the Effective Date and (ii) occurs substantially due to causes outside of Seller's control, in the

occurrence of the Commercial Operation Date attributable to the applicable electric transmission or

electric distribution system owner and/or operator, provided that Seller shall use commercially

reasonable efforts to avoid any such delay and limit the impact and resolve issues associated with

any such delay.

"Interconnection Facilities" means all the facilities installed for the purpose of

interconnecting the Plant to the electric transmission system, including, but not limited to, all

transformers and associated equipment, relay and switching equipment, and safety equipment.

"Interest Rate" - Means the Federal Funds Effective Rate.

"Inverter" - Means electrical equipment used to convert direct electrical current as

received from the solar photovoltaic modules to three phase alternating current.

"Joint Banking Day" - Means a Calendar Day on which the banks used by both

Parties for financial settlement hereunder are open for business.

"Late Payment Interest Rate" – Means the lesser of (a) the per annum rate of interest

equal to the prime lending rate as may be from time to time published in The Wall Street Journal

under Money Rates on such Day (or if not published on such Day on the most recent preceding Day

on which published), plus two (2%) percent or (b) the maximum rate permitted by applicable law.

"Letter of Credit" – Means an irrevocable, transferable, standby letter of credit, issued

by a major U.S. commercial bank or the U.S. branch office of a foreign bank with, in either case, a

credit rating of at least (a) "A-" by S&P and "A3" by Moody's, if such entity is rated by both S&P and

Moody's or (b) "A-" by S&P or "A3" by Moody's, if such entity is rated by either S&P or Moody's but

not both, in a form reasonably acceptable to Buyer, with such changes to the terms in that form as

the issuing bank may require and as may be acceptable to the Buyer.

"Locational Marginal Price" or "LMP" - Has the meaning ascribed to such term in the

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 18 of 77

Witness: BASkowronski

Date: October 2021

MISO Rules.

"LMP Payment" - Means the Monthly payment, expressed in U.S. dollars, paid by Seller to Buyer in accordance with Subsection 7.1, Energy Payment, which is equal to the sum of

the products of (i) hourly Delivered Energy for the applicable Billing Month and (ii) the hourly day-

ahead LMP for the CPNode associated with Seller's Plant for the applicable Billing Month.

"Losses" - Defined in Subsection 10.2, Early Termination Payment.

"Lost Production" - Means for any applicable period the quantity, if any, of Delivered

Energy Seller could have produced and delivered at the Point of Delivery during such period but that

was not produced and delivered as a result of a Compensated Curtailment, as determined based on

the Real-Time Generation Capability of the Plant.

"Lost Production Damages" - Means the amount of compensation, if any, Seller is

entitled to receive as a result of a Compensated Curtailment, calculated as follows:

LPD = LP \* EPP

Where "LPD" means the Lost Production Damages in respect to any

applicable Calendar Month (expressed in dollars);

"LP" means the aggregate quantity of Lost Production during such Month

(expressed in MWh) and

"EPP" means the Energy Purchase Price applicable during such Month

(expressed in \$/MWh).

"Market Participant" - Has the meaning ascribed to such term in the MISO Rules.

"MECT" - Defined in Section 3, Product To Be Supplied.

"MDMA" – Means the MISO Meter Data Management Agent, as such term is defined

by MISO.

"MIRECS" - Means the Michigan Renewable Energy Certification System, including

any successor thereto.

"MISO" - Means Midcontinent Independent System Operator, Inc. including any

successor thereto and subdivisions thereof.

"MISO Rules" - Means the Open Access Transmission, Energy and Operating

Reserve Markets Tariff, including all schedules or attachments thereto, of MISO, as amended from

time to time, including any successor tariff or rate schedule approved by the Federal Energy

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 19 of 77 Witness: BASkowronski

Date: October 2021

Regulatory Commission, together with any applicable MISO Business Practice Manual as amended

from time to time.

"MPSC" – Means the Michigan Public Service Commission.

"MPSC Approval Deadline" - Means the date established pursuant to Subsection 2.1,

Effective Date and Term.

"MW" – Means a megawatt of alternating current electrical Capacity.

"MWh" – Means a megawatt-hour of alternating current electrical energy.

"NERC" - Means the North American Electric Reliability Corporation, including any

successor thereto and subdivisions thereof.

"Period Hours" means, with respect to any Inverter, the period at the Plant expressed

in hours (or five minute increments, if available) where planes of array irradiance conditions are at or

above 200 watts per meter squared for the solar photovoltaic modules associated with such Inverter

to produce energy, as determined by solar irradiance data from Seller's onsite solar meteorological

measurement station at the Plant.

"Permitted Extensions" means, collectively, all extensions due to (a) Force Majeure

pursuant to Section 12, Force Majeure, but in no event shall such extension exceed one hundred

eighty (180) Days from the aforesaid date, (b) a breach of this Agreement by Buyer, (c)

Interconnection Delays and (d) if applicable, an extension in the MPSC Approval Deadline pursuant

to Subsection 2.1, Effective Date and Term.

"Person" - Means an individual, a corporation, partnership, limited liability

company, association, trust, unincorporated organization, or other legal entity or organization, or

any federal, state or local governmental body, agency, commission or authority.

"Planning Period" - Means the applicable resource planning period utilized by

MISO for capacity resource planning and/or assignment of Resource Adequacy Capacity to

Seller's Plant.

"Planning Year" - Means the 12 Month period beginning June 1 of a Year and ending

on May 31 of the immediately following Year as used in the MISO Rules.

"Plant" – Means the solar-power electric generating facility identified in Part I, having

an initial expected nameplate Capacity that equals or exceeds the Target Contract Capacity and located at the Plant Site which shall include, but not be limited to: generating equipment, including

auxiliary and back-up; electric delivery facilities; administrative structures; meteorological

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 20 of 77

Witness: BASkowronski

Date: October 2021

measurement stations; and such other necessary and related facilities, equipment and structures

associated with the generation of electricity.

"Plant Site" – Means the site upon which the Plant will be located as identified in Part

I. Such site shall be located in an electric service area of the state of Michigan serviced by MISO and

be of sufficient area to include the Plant and shall comply with all laws, regulations and/or requirements imposed by any law, governmental agency or authority. The Plant Site may include

additional solar generation facilities that are not associated with either the Plant or this Agreement.

"Point of Delivery" - Means the location at which Seller shall deliver energy from the

Plant to MISO at the applicable electric transmission system as established in the Interconnection

Agreement, which shall be the same point as the point of interconnection of the Plant as set forth

therein.

"Product" - Means Buyer's Share of (a) all Delivered Energy produced by and

associated with the Plant; (b) all Capacity and associated Resource Adequacy Capacity supplied by

and associated with the Contract Capacity; and (c) all Environmental Attributes (including emission

allowances and Delivered RECs) associated with Delivered Energy produced by and associated with

the Plant.

"Prudent Utility Practices" - Means the practices generally followed by the electric

utility industry, with respect to the solar generation facilities as changed from time to time, which

generally include, but are not limited to, engineering, operating, safety, reliability, equipment, and

adherence to applicable industry codes, standards, regulations and laws. Prudent Utility Practices

are not intended to be limited to the optimum practices, methods or acts to the exclusion of others,

but rather are intended to include acceptable practices, methods and acts generally accepted in the

solar energy generation industry in the Midwestern United States.

"Purchase Option" – Defined in Subsection 16.2.1, Purchase Option.

"Real-Time Generation Capability" – Means with respect to any period, the amount

of Buyer's Share of energy that could have been generated by the Plant and delivered to the Point

of Delivery during such period, calculated by the Seller in a commercially reasonable manner, taking

into account (i) the actual power curve as tested by a third party prior to the Commercial Operation

Date of the solar photovoltaic modules and Inverters installed at the Plant reflecting the quantity of

energy that would be generated by such modules and Inverters, adjusted to reflect the most recent

power curve test, if any, (ii) weather conditions at the Plant during such period, including

measurements of solar insolation and temperature, as measured by the weather monitoring

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 21 of 77

Witness: BASkowronski Date: October 2021

equipment at the Plant, or if such equipment is unavailable, using other available data reasonably acceptable to the Parties, and (iii) relevant line and step-up transformer losses to the Point of

Delivery.

"Reliability Authority" – Means MISO, International Transmission Company, Michigan

Electric Transmission Company, NERC, ReliabilityFirst Corporation, and any successor entity to the

foregoing entities, and any other regional reliability council and any other regional transmission

organization, in each case having jurisdiction over either or both of the Parties, the Plant, or MISO's

transmission system, whether acting under express or delegated authority.

"Renewable Energy Credit(s)" or "REC(s)" – Has the meaning specified for the term

"Renewable energy credit" in MCL 460.1011(c), and as may be amended in the future.

"Resource Adequacy Capacity" – Means the contribution of the Buyer's Share to the

Unforced Capacity value for the Plant for each Planning Period as determined by MISO under the

MISO Rules as converted to ZRCs by Seller.

"Seller" – Means the party so specified in Part I.

"Statement" – Is defined in Subsection 9.1, Billing Procedure.

"Surety Bond" - means a bond that is issued by a surety or insurance company with,

in either case, a credit rating of at least (a) "A-" by S&P and "A3" by Moody's, if such entity is rated

either by both S&P or Moody's or (b) "A-" by S&P or "A3" by Moody's, if such entity is rated by either

S&P or Moody's but not both, in a form reasonably acceptable to Buyer.

"Target Contract Capacity" – Means the total amount of capacity expressed in MW

as identified in Part I.

"Target COD" - Is defined in Subsection 5.3, Commercial Operation Date, as may be

extended as provided herein.

"Termination Deadline COD" – Means the Day that is one hundred-eighty (180) Days

after the Target COD.

"Test Energy" - Means that energy which is produced by the Plant prior to the

Commercial Operation Date (or, if later, the date of the issuance and/or filing by Seller of Appendix

E to the Interconnection Agreement), delivered from Seller at the Point of Delivery, which is

necessary in order to perform all testing of the Plant or otherwise produced by the Plant and delivered

to the Point of Delivery prior to the Commercial Operation Date (or, if later, the date of the issuance

and/or filing by Seller of Appendix E to the Interconnection Agreement).

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 22 of 77

Witness: BASkowronski Date: October 2021

"Uncompensated Curtailment" – Defined in Section 6.6, Uncompensated

Curtailments.

"Unforced Capacity" – Has the meaning ascribed to such term in the MISO Rules.

"Zonal Resource Credits" or "ZRCs" – Has the meaning ascribed to such term in the

MISO Rules.

**GENERAL PROVISIONS** 2.

> 2.1. Effective Date and Term

This Agreement shall be effective as of the date specified in Part I (the "Effective Date"); provided, however that the Parties' rights and obligations under this Agreement shall be contingent upon the approval of this Agreement by the MPSC (except under this Subsection 2.1, which rights and obligations shall be effective on the Effective Date). This Agreement shall be submitted by Buyer to the MPSC for approval of the payments set out herein for the purposes of Act 304, Act 295, Act 341, Act 342 and all other applicable law. The foregoing submission shall specifically request MPSC approval of cost recovery of all payments set forth in this Agreement, as well as approval of the portion of such payments that is recovered as a booked cost of purchased and net interchanged power pursuant to Act 304, and any financial recovery available to Buyer under MCL 460.6s or MCL 460.6t. Buyer shall (i) make such requests and file this Agreement with the MPSC as soon as reasonably practicable but in no event later than sixty (60) Days following the date this Agreement is executed by both Parties and (ii) use good faith, commercially reasonable efforts to obtain the approvals described above, and Seller shall cooperate reasonably with Buyer's efforts to make such requests and seek such approvals.

In the event that the MPSC does not approve this Agreement (the date of such approval, the "Approval Date") as described herein within one-hundred eighty (180) Days following the date this Agreement is submitted to the MPSC for approval ("MPSC Approval Deadline"), then the MPSC Approval Deadline shall be extended on a Day-to-Day basis for a period of up to an additional one hundred eighty (180) Days, provided that such extension past the MPSC Approval Deadline shall also extend the Target COD pursuant to Subsection 5.3, Commercial Operation Date, of this Agreement on a Day-to-Day basis until MPSC approval is received. In the event that (i) the MPSC does not approve this Agreement as described herein within three hundred sixty (360) Days following the date this Agreement is submitted to the MPSC for approval, or (ii) denies Buyer's application for MPSC approval as described herein, then, in each case, this Agreement shall be void ab initio and neither party shall have any further liability hereunder. Once

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 23 of 77

Witness: BASkowronski Date: October 2021

effective, unless terminated as provided in this Agreement, this Agreement shall commence on the Commercial Operation Date and continue in effect for the amount of years identified in Part I, plus any additional days that may be necessary to complete a Planning Period (such number of years

### 2.2. Security for Performance

and days is herein called the "Contract Term").

From and after thirty (30) Calendar Days after the Commercial Operation Date, Seller shall provide and maintain, as described herein, security in one of the forms described below for an amount equal to the Early Termination Security Amount specified in Exhibit A, Early Termination Security Amount Schedule (such security, the "Early Termination Security") for compliance with its payment obligations, during the term of the Agreement. Within five (5) Days after the Commercial Operation Date, Seller shall notify Buyer of the initial form of payment security that Seller has elected to use for the Early Termination Security. The Early Termination Security shall be provided via one of the forms and consistent with the timing provided for in this Subsection 2.2. Any portion of the Early Termination Security, including accumulated interest above the Early Termination Security Amount, remaining upon expiration or termination of this Agreement, after deduction for any payment obligations still owing to Buyer, shall be returned to Seller by Buyer within sixty (60) Days of such expiration or termination. Seller may change the form of such security at any time and from time to time upon reasonable prior notice to Buyer provided that (i) such security is at all times consistent with this Subsection 2.2 and (ii) Seller provides the replacement security instrument prior to terminating or withdrawing the then existing security instrument. In the event that (a) a replacement security is provided in accordance with the preceding sentence or (b) at any time Buyer holds Early Termination Security in more than the amount then required to be provided by Seller hereunder (excluding accumulated interest in excess of the Early Termination Security Amount), in each case, Buyer shall promptly return or release such prior and/or excess security to Seller and shall take such other action as Seller may reasonably request to evidence a return or release of such prior and/or excess security. The Early Termination Security Amount is intended to safeguard Buyer against undue financial risk, applicable to this Agreement, associated with the loss of Seller-provided Product during the term of this Agreement as a result of the termination of this Agreement by Buyer. Notwithstanding the aforementioned referenced safeguard for financial risk associated with loss of Product provided by Seller, a Party shall also be responsible for other damages it may cause the other Party, such as those specified in Subsection 10.2, Early Termination Payment, and Section 26, Limitation of Liability.

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 24 of 77

Witness: BASkowronski Date: October 2021

2.2.1. Letters of Credit

If Seller selects the Letter of Credit as its form of providing Early

Termination Security, such Letter of Credit shall be in a form reasonably acceptable to Buyer and

Seller shall provide and maintain a Letter of Credit to Buyer, in the amount set forth in Exhibit A either

(a) if selected as the initial Early Termination Security, within thirty (30) Days after the Commercial

Operation Date or (b) if selected as replacement Early Termination Security, in accordance with

Subsection 2.2. All Letters of Credit provided in accordance with this Agreement shall be subject to

the following provisions:

Unless otherwise agreed in writing by the Parties, each Letter of

Credit shall be maintained for the benefit of the Buyer. The Seller shall (i) if necessary to maintain a

Letter of Credit throughout the term of this Agreement, renew or cause the renewal of each

outstanding Letter of Credit on a timely basis as provided in the relevant Letter of Credit, (ii) if the

bank that issued an outstanding Letter of Credit has indicated its intent not to renew such Letter of

Credit, provide either a substitute Letter of Credit or a different form of security in accordance with Subsection 2.2, in each case at least twenty (20) Business Days prior to the expiration of the

outstanding Letter of Credit, and (iii) if a bank issuing a Letter of Credit shall fail to honor the Buyer's

properly documented request to draw on an outstanding Letter of Credit, provide an alternative form

of security instrument meeting the criteria set forth in Subsection 2.2 within two (2) Business Days

after such refusal.

2.2.2. Interest Bearing Account

If Seller selects the one-time escrow payment as its form of Early

Termination Security, Seller shall provide a cash payment to Buyer in the amount set forth in Exhibit

A. Such cash shall be the property of Seller and held by Buyer as cash collateral for the performance

of Seller's obligations hereunder. Buyer shall establish an interest-bearing account with the

administrative costs incurred by that account to be borne by the account with the cash payment

provided by Seller. Interest on cash provided in accordance with this Subsection 2.2.2 shall accrue

at a rate per annum equal to the Interest Rate.

2.2.3. Monthly Escrow Payment

If Seller selects the monthly escrow payment as its form of Early

Termination Security, Buyer will retain during each Billing Month a portion of the energy payment

equal to the monthly escrow payment determined in Exhibit F, which retained portion shall be the

property of Seller and held by Buyer as cash collateral for the performance of Seller's obligations

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 25 of 77

Witness: BASkowronski Date: October 2021

hereunder. Buyer shall establish an interest-bearing account with the administrative costs incurred

by that account to be borne by the account with the monthly escrow payments provided by Seller.

Interest on cash provided in accordance with this Subsection 2.2.3 shall accrue at a rate per annum

equal to the Interest Rate.

2.2.4. Guaranty

If Seller selects the guaranty form of Early Termination Security, such

guaranty shall be substantially in the form of Exhibit B hereto or such other form as is reasonably

acceptable to Buyer, from a guarantor, with a credit rating of at least BBB or Baa3 either (a) if Seller

selects the guaranty as its initial form of Early Termination Security, Seller shall provide such

guaranty within thirty (30) Days after the Commercial Operation Date or (b) if Seller selects the

guaranty as replacement Early Termination Security, in accordance with Subsection 2.2. If the credit

rating of the guarantor is downgraded below BBB- by S&P or below Baa3 by Moody's, then Seller

shall be required to convert the guarantee provided to an alternative form of security instrument

meeting the criteria set forth in Subsection 2.2 no later than thirty (30) Days after receiving notice

from Buyer that such conversion is required pursuant to this paragraph.

2.2.5. Surety Bond

If Seller selects the Surety Bond as its form of Early Termination

Security, Seller shall provide a Surety Bond to Buyer in the amount set forth in Exhibit A either (a) if

selected as the initial form of Early Termination Security, by the date that is thirty (30) Days after the

Commercial Operation Date or (b) if selected as replacement Early Termination Security, in

accordance with Subsection 2.2. All Surety Bonds provided in accordance with this Agreement shall

be subject to the following provisions:

Unless otherwise agreed to in writing by the Parties, each Surety

Bond shall be maintained for the benefit of Buyer. Seller shall (i) if necessary to maintain a Surety

Bond throughout the term of this Agreement, renew or cause the renewal of each outstanding Surety

Bond on a timely basis as provided in the relevant Surety Bond, (ii) if the institution that issued an

outstanding Surety Bond has indicated its intent not to renew such Surety Bond, provide a substitute

Surety Bond or another form of security in accordance with Subsection 2.2 at least twenty (20)

Business Days prior to the expiration of the outstanding Surety Bond, and (iii) if an institution issuing

a Surety Bond shall fail to honor Buyer's properly documented request to draw on an outstanding

Surety Bond, provide an alternative form of security instrument meeting the criteria set forth in

Subsection 2.2 within two (2) Business Days after such refusal.

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 26 of 77

Witness: BASkowronski Date: October 2021

3. PRODUCT TO BE SUPPLIED

Subject to the terms and conditions of this Agreement, beginning on the Commercial Operation Date, and continuing until the termination of this Agreement, Seller agrees to sell and supply to Buyer, and Buyer agrees to accept and purchase from Seller, all Product that Seller supplies and/or delivers to Buyer under this Agreement. Compensation for such Product shall be

paid in accordance with Section 7, Compensation.

Seller shall accomplish delivery of Delivered Energy hereunder by delivering energy from the Plant to the Point of Delivery for settlement in the MISO market and performing the obligations and responsibilities in accordance with Section 4, Metering. Seller shall be responsible for all interconnection, electric losses, transmission and ancillary service arrangements and costs

required to deliver energy from the Plant to the Point of Delivery for settlement in the MISO market.

Subject to the terms and conditions of this Agreement, beginning on the Commercial Operation Date and continuing until the termination of this Agreement, Buyer agrees to provide fixed energy pricing to Seller for all Delivered Energy that Seller supplies from the Plant to MISO on a Monthly basis. The provision of such fixed energy pricing shall be accomplished in accordance with Section 7, Compensation. Notwithstanding the foregoing, Buyer shall not be entitled to any Incidental Energy or Test Energy delivered to MISO, and Seller may sell such Incidental Energy or Test Energy

to any third party through any means Seller deems appropriate.

Seller shall accomplish delivery of Resource Adequacy Capacity hereunder by submitting the appropriate transactions in MISO's Module E Capacity Tracking tool, or any successor system ("MECT") to electronically assign such Resource Adequacy Capacity to Buyer. Buyer shall accomplish receipt of Resource Adequacy Capacity by confirming the appropriate transaction(s) submitted by Seller in the MECT. Seller and Buyer shall accomplish delivery and receipt of Resource Adequacy Capacity by submitting and confirming the appropriate transaction(s) in the MECT ten (10) Business Days prior to the annual Fixed Resource Adequacy Plan deadline, as such term is defined by MISO. The submitting and confirming of the appropriate transaction(s) in the MECT shall be conducted by the Parties in accordance with the requirements of MISO Rules and other applicable rules adopted by the MISO regarding the MECT. Failure by Buyer to receive Resource Adequacy Capacity after Seller's delivery of such Resource Adequacy Capacity has been completed shall not excuse Buyer's obligation to pay for such Resource Adequacy Capacity and Seller will be deemed to have delivered such Resource Adequacy Capacity for all purposes hereunder, including for determining Compensated Capacity hereunder. Seller's delivery of Resource Adequacy Capacity shall satisfy Seller's obligation to deliver any items listed in clause (b) of the definition of Product.

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 27 of 77

Witness: BASkowronski

Date: October 2021

Notwithstanding the remainder of this paragraph, if any Resource Adequacy Capacity is not

ultimately delivered to Buyer then title to such Resource Adequacy Capacity shall be deemed to

have remained with Seller at all times regardless of any underlying Delivered Energy and/or

Incidental Energy that was delivered to Buyer. Title to all Resource Adequacy Capacity (including all costs and liability with respect thereto arising after the Point of Delivery) transfers to Buyer

concurrently with the delivery of Resource Adequacy Capacity from Seller to Buyer in the MECT,

or any successor system.

Seller shall use commercially reasonable efforts to ensure the receipt of Delivered

RECs by Buyer within one hundred twenty (120) Days after the end of each applicable Billing Month.

Seller shall register the Plant with MIRECS as soon as practical following the Commercial Operation

Date. Within thirty (30) Days following the Commercial Operation Date, Buyer shall register, establish

and maintain an account with MIRECS and provide information regarding such account to Seller, such that Seller may utilize a forward transfer or transfer-redirect process to allow Delivered RECs

to be directly deposited into Buyer's MIRECS account. Seller shall use commercially reasonable

efforts to ensure that the Plant will maintain status as a "Renewable Energy Resource" under Act

295. Notwithstanding the remainder of this paragraph, if any Environmental Attributes are not

ultimately delivered to Buyer then title to such Environmental Attributes shall be deemed to have

remained with Seller at all times regardless of any underlying Delivered Energy and/or Incidental

Energy that was delivered to Buyer. Title to all Environmental Attributes associated with the

Delivered Energy transfers to Buyer concurrently with the delivery of the Delivered RECS from

Seller to Buyer in MIRECS, or any successor system.

3.1. Permits and Laws

Seller shall be responsible to (i) secure all applicable licenses and permits

required by law, regulation or ordinance as necessary to perform its obligations under this

Agreement, including, but not limited to, those pertaining to the generation of electric energy and the

sale of electric capacity from the Plant and (ii) maintain all such licenses and permits necessary to

perform its obligations under this Agreement throughout the term of this Agreement. In addition,

Seller shall comply with all applicable ordinances, laws, orders, rules and regulations, including, but

not limited to, those pertaining to the above licenses and permits made by any governmental

authority or public regulatory body having jurisdiction over Seller or Seller's Plant. At any time during

the term of this Agreement, Buyer may request that Seller provide copies of any such licenses and

permits, and Seller shall so provide them within five (5) Business Days.

3.2. Emission Allowances/Environmental Attributes

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 28 of 77

Witness: BASkowronski Date: October 2021

All emission allowances and other Environmental Attributes, including any

greenhouse gas emission reductions, at any time allocated to Seller's Plant and associated with

Delivered Energy, shall from and after the delivery of such Delivered Energy, be the property of

Buyer. Seller shall, at no cost to Seller, assign and/or execute any documents necessary to either (i) transfer ownership (to the extent owned by Seller; provided, however, that Seller shall take no

action to circumvent Buyer's acquisition of such allowances pursuant to this Subsection 3.2), or

(ii) designate Buyer as Seller's agent to acquire ownership, of any and all emission allowances

and/or other Environmental Attributes (such as Renewable Energy Credits) associated with

Delivered Energy for Buyer up to the amount specified in this Subsection 3.2 in each case, to the

extent not accomplished through delivery of Delivered RECs in accordance with Section 3.

Notwithstanding the foregoing, all Federal Tax Benefits and other state and local tax benefits shall

remain the property of the Seller. The foregoing emission allowances and other Environmental

Attributes may be used by Buyer to satisfy the requirements of Act 295 and any other applicable

ordinances, laws, orders, rules or regulations pertaining to emission allowances and other

Environmental Attributes (including, but not limited to, requirements for renewable energy production) made by any governmental authority or public regulatory body; provided that Seller

has no obligation to ensure that any such emission allowances or other Environmental Attributes

satisfy any such future ordinances, laws, orders, rules or regulations that are not in effect as of

the execution of this Agreement.

3.3. Renewable Energy Registration

Seller represents and warrants as of the Effective Date of this Agreement

that the Plant from which Delivered RECs are to be purchased by Buyer hereunder will qualify as

a "renewable energy resource" or "renewable energy system," as applicable, pursuant to Act 295

and Act 342. Seller shall, to the extent such qualification requirements are still in effect under

Michigan law, (i) promptly after the Commercial Operation Date, register the Plant as such

"renewable energy resource" or "renewable energy system" in MIRECS and maintain such registration for the duration of this Agreement. Seller shall be responsible for any costs associated

with such registration for the term of this Agreement.

Seller shall cooperate with Buyer, at Buyer's expense, to certify the Plant

as a renewable energy resource under any other renewable energy standard for which the Plant

may qualify in order that Buyer may sell Delivered RECs which Buyer deems to be surplus to its

requirements under Act 295 and Act 342. Seller shall cooperate with Buyer, at Buyer's expense,

to enable Buyer to obtain the benefits associated with Buyer's Environmental Attributes for

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 29 of 77

Witness: BASkowronski

Date: October 2021

purposes other than renewable energy standards, including, but not limited to, new classes or

types of Environmental Attributes created following the Effective Date.

4. **METERING** 

All Delivered Energy that is delivered by Seller to the Point of Delivery shall be

metered at the billing meter installation(s) for the Plant provided pursuant to the Interconnection

Agreement and shall be separately metered from energy generated by generating facilities that are

not located at the Plant Site. To determine the amount of Delivered Energy, the metered values shall be the values used by MISO for financial settlement at the CPNode, as defined and assigned by

MISO, for the Plant. Seller shall be responsible for providing meter data associated with the Plant to

MISO and shall also provide all such meter data (in the same format and at the same time) to Buyer.

The Delivered Energy allocated to this Agreement shall be determined on a pro rata

basis in accordance with Buyer's Share.

Seller shall provide Buyer six (6) months' written notice prior to the expected initial

operation of either (i) any additional solar generation facilities at the Plant Site in excess of 2 MW<sub>AC</sub>

in the aggregate, or (ii) a change in the Installed Capacity of the Plant in excess of 2 MW<sub>AC</sub> in the

aggregate. However, in either case (i) or (ii) of the preceding sentence when Seller is not required to

provide six (6) months' written notice, if the change in Installed Capacity impacts Buyer's Share,

Seller shall provide Buyer one (1) month's written notice prior to initial operation of the additional

facilities or change in Installed Capacity.

5. CONSTRUCTION OF PLANT AND COMMERCIAL OPERATION DATE

5.1. Seller's Responsibility

Seller shall have sole responsibility for the planning, design, procurement,

construction, start-up, testing, and licensing of the Plant subject to: (1) meeting all appropriate civil,

environmental, electrical and other applicable codes and regulations required by federal, state,

municipal, or any other governmental agencies; and (2) obtaining all necessary authorizations and

permits.

Seller shall have sole responsibility for the acquisition of sufficient real

property interests in the Plant Site to permit the construction and operation of the Plant for the

expected duration of the Plant's operation at the Plant Site.

5.2. Seller's Obligation With Respect to Construction Start

Seller shall provide Buyer with written confirmation of the construction start

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 30 of 77

Witness: BASkowronski Date: October 2021

date and written confirmation from the contractor that work on the Plant construction has begun

including the initial installation of a portion of the Plant racking foundations and delivery of a portion of

the Plant modules to the construction site. After the construction start date and until the Commercial Operation Date, Seller shall submit to Buyer, prior to the tenth (10th) Business Day

of each Month, construction progress reports substantially in the form attached hereto as Exhibit H

or otherwise in a form satisfactory to Buyer. If the construction start date fails to occur on or

before the Target COD (as may be adjusted with day-for-day extensions for Permitted Extensions),

Buyer may, at its option, terminate this Agreement by giving Seller written notice within thirty (30)

Business Days after such date, unless Seller has commenced construction prior to the issuance by

Buyer of such notice.

5.3. **Commercial Operation Date** 

The Commercial Operation Date will be the first date on or after the Early

COD as identified in Part I and on or before the Termination Deadline COD upon which all of the

following conditions precedent have been satisfied:

(a) Seller shall have provided to Buyer an officer's certificate from an officer

of Seller stating that it has obtained all necessary licenses, permits,

certificates and approvals required under Subsection 3.1, Permits and

Laws;

(b) Seller shall have provided proof reasonably acceptable to Buyer that it

has an executed Interconnection Agreement for the Plant and that Seller

has been authorized under the terms of such agreement to begin parallel

operation;

(c) Seller shall have provided proof reasonably acceptable to Buyer that at

least 85% of Target Contract Capacity has been Commissioned and

allocated to Buyer under this Agreement. A certificate from an

independent, licensed professional engineer will be deemed to be

acceptable proof for purposes of the foregoing; and

(d) Seller has confirmed to Buyer in writing that the Plant is capable of

commencing delivery of energy

Seller shall request Buyer to confirm the Commercial Operation Date by

providing Buyer with a written notice indicating that Seller believes the Plant has satisfied the above

conditions as of a date specified in such notice. Buyer shall provide written notice to Seller within

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 31 of 77

Witness: BASkowronski Date: October 2021

fifteen (15) Business Days of receipt of Seller's notice stating that either Seller has satisfied all of the

above conditions precedent or providing reasons why Seller has not satisfied all of the above

conditions precedent; provided that failure of Buyer to provide such notice within fifteen (15) Business

Days shall be deemed to be Buyer's acceptance and agreement that such conditions have been satisfied. The Parties acknowledge and agree that the issuance and/or filing by Seller of Appendix E

to the Interconnection Agreement shall not be a condition precedent to the achievement of the

Commercial Operation Date under this Agreement; provided, however, that energy delivered prior to

such Appendix E issuance and/or filing shall be considered Test Energy and in no way may the

Appendix E issuance and/or filing be delayed beyond ninety (90) days following the Target COD. If

such Appendix E issuance and/or filing were to occur any time after such ninety (90) day period,

Delay Damages would apply from the end of such ninety (90) day period forward.

To ensure that the Seller will perform all of its obligations under this

Agreement and that the Plant will be complete and ready to operate by the Termination Deadline COD, Seller shall provide Buyer either (i) an earnest money cash deposit, or (ii) an unconditional

and irrevocable direct pay Letter of Credit in Buyer's name, in an amount equal to sixty thousand

dollars (\$60,000.00) per MW times the Target Contract Capacity (the "Earnest Money Deposit"),

on or before the date that is thirty (30) Days after the Approval Date through such time as the

Early Termination Security is provided pursuant to Subsection 2.2. Seller shall earn interest on any Earnest Money Deposit it provides to Buyer in the form of a cash deposit from and including

the date of such deposit to but excluding the date such cash is returned at a rate per annum equal

to the Interest Rate. If the Seller fails to provide such the Earnest Money Deposit by the date

specified herein, Buyer shall have the right to terminate this Agreement by providing written notice

to Seller of its election to terminate within sixty (60) Days following the Approval Date.

If the Commercial Operation Date fails to occur on or before the Target COD,

as identified in Part I (which Target COD shall be subject to a day-for-day extension for Permitted

Extensions) it shall be an Event of Default in accordance with Section 8, Events of Default. Except as otherwise described in this Agreement, for each Day that Seller fails to reach a Commercial

Operation Date after the Target COD (subject to Permitted Extensions), Seller shall pay Buyer an

amount equal to the product of \$333.34 per MW times the Target Contract Capacity as identified in

Part I, as liquidated damages ("Delay Damages") until the earlier to occur of (i) the Commercial

Operation Date (or, if later, the date Seller issues and/or files Appendix E to the Interconnection

Agreement, as described above), and (ii) the effective date of any termination of this Agreement.

Buyer shall obtain Delay Damages by withdrawing cash from the cash deposit or drawing on the

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 32 of 77

Witness: BASkowronski Date: October 2021

Letter of Credit, as applicable, provided by Seller as the Earnest Money Deposit. If Seller fails to cure such an Event of Default, Buyer shall have the right to both (i) terminate this Agreement upon written notice to Seller, provided that such notice is given by Buyer prior to the Commercial Operation Date, to be effective as of the date specified in such notice and (ii) retain the Earnest Money Deposit (less any Delay Damages owed that were not deducted from the Earnest Money Deposit). Termination of this Agreement and retention of the Earnest Money Deposit as described in the preceding sentence shall be Buyer's sole and exclusive remedy pertaining solely to this Agreement for Seller's failure to achieve a timely Commercial Operation Date. Notwithstanding anything in this Agreement to the contrary, Seller's aggregate liability (excluding obligations of Seller under Section 13, Indemnity) solely under this Agreement prior to the occurrence of the Commercial Operation Date (including with respect to an Event of Default set forth in Subsection 8, Events of Default, and with respect to payment of Delay Damages) may not exceed the amount of the Earnest Money Deposit.

Any portion of the Earnest Money Deposit, including accumulated interest above the Earnest Money Deposit, remaining upon expiration or termination of this Agreement, after deduction for any payment obligations still owing to Buyer, shall be returned to Seller by Buyer within thirty (30) Days of such expiration or termination or by such earlier date as is otherwise required hereunder. Seller may change the form of Earnest Money Deposit at any time and from time to time upon reasonable prior notice to Buyer provided that (i) such security constitutes an acceptable form of Earnest Money Deposit and (ii) Seller delivers to Buyer the replacement security instrument prior to terminating or withdrawing the then existing security instrument. If at any time the Earnest Money Deposit held by Buyer, excluding any accumulated interest for cash deposits, is in an amount more than the amount then required to be provided by Seller hereunder, whether due to Seller providing replacement security, a reduction to the Earnest Money Deposit or otherwise, Buyer shall promptly return such excess to Seller. If a cash deposit is used as the Earnest Money Deposit, Seller shall be entitled to receive from Buyer the balance of the cash Earnest Money Deposit, including any accumulated interest, less any Delay Damages as described in the preceding paragraph. If a Letter of Credit is used as the Earnest Money Deposit, Buyer will not draw against the Letter of Credit to recover liquidated damages for any Day that is on or after the Commercial Operation Date. Any remaining balance in the Earnest Money Deposit of any form, including any Letters of Credit associated therewith, will be returned or released to Seller, as applicable, by Buyer upon Seller's provision of Early Termination Security in accordance with Subsection 2.2, Security for Performance, provided that any provision of Early Termination Security will not impair Buyer's right to access the Earnest Money Deposit for purposes of collecting damages accrued or otherwise owed under this Subsection 5.3 related to

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 33 of 77

Witness: BASkowronski Date: October 2021

the period prior to the Commercial Operation Date. Seller may, in its sole discretion apply any

balance remaining in the Earnest Money Deposit, including any Letters of Credit associated

therewith, towards the Early Termination Security Amount then required under this Agreement,

by providing Buyer with at least ten (10) Days' notice prior to the Commercial Operation Date.

5.4 Test Energy

Seller shall have the right to provide MISO with Test Energy. Seller may sell

such Test Energy to any third party or MISO through any means Seller deems appropriate.

5.5 Storage

Buyer acknowledges and agrees that Seller may, without Buyer's consent

and either prior to or following the Commercial Operation Date, incorporate or add battery or other

energy storage facilities to the Plant; provided that such battery or other energy storage facilities (i)

are separately metered, and (ii) do not modify or change Seller's obligations or adversely affect

Buyer's rights under this Agreement. Seller shall (i) provide Buyer six (6) months' written notice prior

to the expected initial operation of any such battery or other energy storage device, (ii) offer the energy from such battery or other energy storage device using Prudent Utility Practices, if applicable,

and (iii) operate the battery or other energy storage facility such that the amount and value of Product

delivered to Buyer is not altered in any material manner as compared to the Product expected from

the solar photovoltaic generating equipment at the Plant; provided that Seller and Buyer

acknowledge and agree that all products and services generated by or associated with such battery

or other energy storage facilities shall remain the property of Seller, unless otherwise agreed by the

Parties in writing.

6. **OPERATION OF PLANT** 

> 6.1. Seller's Operating Obligations

> > Seller shall operate and maintain the Plant in accordance with Prudent Utility

Practices, the Interconnection Agreement, and MISO (or any successor thereto) standards and

MISO Rules which apply to generating units such as Seller's Plant.

Seller shall promptly inform Buyer as to material changes in the operating

status of the Plant, including, but not limited to, Plant outages pursuant to Subsection 6.2, Outages

of Generating Equipment.

6.2. Outages of Generating Equipment

Seller shall promptly provide to Buyer all material information relating to Plant

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 34 of 77

Witness: BASkowronski

Date: October 2021

outages and derates of more than 10% (as such percentage may be amended by the written mutual

agreement of the Parties from time to time) of Plant generating Capacity which would materially

affect Seller's ability to deliver electric energy from the Plant to the Point of Delivery. Such material

information shall be sufficient for Buyer to reasonably determine and verify the severity and extent of

such outages and derates, including at a minimum, the date and time when the outage or derate began, the cause of the outage or derate, and the anticipated date and time the outage or derate will

end, if known or as estimated.

Seller shall provide to Buyer, as soon as reasonably possible thereafter, an

oral report of any outages of Plant electric generating Capacity as a result of (1) Seller's compliance

with the provisions of Subsection 3.1, Permits and Laws, (2) interruptions or other transmission

limitations from the Plant to the Point of Delivery which would materially restrict the flow of energy

from the Plant to the Point of Delivery, or (3) any other circumstance or event that would prevent

energy from the Plant from being delivered to the Point of Delivery, and their anticipated duration.

Seller shall plan and implement scheduled outages and/or planned outages

of generating Capacity in accordance with the requirements of the MISO Rules and the

Interconnection Agreement. Seller shall confirm with Buyer in writing its schedule of generating

Capacity outages planned by Seller for a Calendar Year by August 1st (as such date may be

amended by the written mutual agreement of the Parties from time to time) of the prior Calendar

Year. At least one (1) week prior to any scheduled outage and/or planned outage, Seller shall

confirm with Buyer the expected start date of such outage and the expected completion date of such

outage. Seller shall notify Buyer of any subsequent changes to the outage. As soon as practicable,

any oral notifications shall be confirmed in writing.

6.3. Capacity Data

Seller shall use its commercially reasonable best efforts to maximize the

amount of Resource Adequacy Capacity available from the Plant, including (i) ensuring that the

Interconnection Agreement provides for a minimum of Network Resource Interconnection Service

(defined in the MISO Rules) equal to the nameplate Capacity of all generating facilities covered by

such agreement, and (ii) minimizing the amount of scheduled maintenance during such times as are

applicable for the determination of the Plant's Resource Adequacy Capacity to the extent consistent

with Prudent Utility Practices.

Seller shall comply with all requirements established by (a) any regulatory

agency and/or (b) any electric power reliability organization (including, but not limited to, MISO,

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 35 of 77

Witness: BASkowronski

Date: October 2021

ReliabilityFirst Corporation, or NERC), that has jurisdiction over Buyer to enable the Buyer to receive the Plant's Resource Adequacy Capacity from Seller in the MECT. Seller shall submit, if necessary, applicable data to Buyer by the dates established by the Parties, but in no event shall any such dates

be later than one (1) week prior to the deadlines established by MISO for such data.

6.4. Obligations to MISO

Seller shall be responsible for registering the Plant's CPNode (as such term

is defined by MISO) with MISO. All MISO charges and payments associated with such CPNode are the responsibility and property, as applicable, of Seller. Throughout the term of this

Agreement, Seller shall either be a member of MISO and be gualified as a Market Participant

under MISO Rules, or shall have entered into an agreement(s), at Seller's cost, with a Market

Participant(s) that will perform all of Seller's MISO-related obligations, including MDMA

responsibilities, in connection with the Plant and this Agreement. For the avoidance of doubt,

Seller or its agent as Market Participant for the Plant, will, at its sole discretion control the

operation of the Plant, including any and all scheduling, dispatch and bidding into the relevant

MISO markets, and any revenues derived from such activities.

6.5. Communications

Seller shall cooperate with Buyer to enable Buyer to monitor, in real time,

all energy generated by the Plant. Seller shall only be responsible for expenses related to the installation and maintenance of such equipment that is necessary to be installed at the Plant Site

as required (as of the Commercial Operation Date) by the Interconnection Agreement, MISO,

Federal Energy Regulatory Commission, NERC, MPSC, ReliabilityFirst Corporation, or any other

governmental or regulatory authority having jurisdiction over the Plant. If any additional real-time

meter and related communications equipment is required to enable such monitoring by Buyer.

Buyer shall pay for such equipment. If the applicable electric transmission system owner or

operator requires a release by Seller or permission from Seller to disclose such real-time

information or to install real-time meter and related communications equipment, Seller shall

provide such release or grant such permission.

6.6. **Uncompensated Curtailments** 

Buyer shall not be obligated to accept electric energy or make payments

based on electric energy delivered pursuant to Section 7, Compensation, for any electric energy

which Seller may have available at the Plant during any of the following events which in each

case shall be deemed to constitute an Uncompensated Curtailment: (i) Emergencies that limit

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 36 of 77

Witness: BASkowronski Date: October 2021

Seller's ability to deliver energy from the Plant, or the transmission owner's or transmission operator's ability to accept, energy from the Plant, (ii) events of Force Majeure, (iii) Exempt Operational Periods, (iv) planned or unplanned transmission system outages that limit Seller's ability to deliver, or the distribution or transmission operator's ability to accept, energy from the Plant, (v) planned or unplanned outages of the Plant, or (vi) any other curtailment or order from any Reliability Authority, regulator, or other lawful authority with respect to which Seller is required to comply (whether received directly by Seller or communicated from Buyer to Seller) to cease or modify operation of Seller's Plant for reasons other than uneconomic market conditions (but excluding any economic curtailment of the Plant's output under instruction from MISO, Buyer or any other Person to cease operations at Seller's Plant when hourly day-ahead LMPs for the Plant's CPNode are less than \$0/MWh which shall constitute a Compensated Curtailment). Notwithstanding the above, should Buyer fail to receive verification of its determination of an Exempt Operational Period from the MPSC as described in 18 CFR § 292.304(f)(4), if applicable, then such determination shall be deemed to be a Compensated Curtailment and Buyer shall be obligated to make such payments for all electric energy which Seller had available at the Plant, whether or not delivery of such electric energy was suspended due to Buyer's notification to Seller under 18 CFR § 292.304(f)(4). Notwithstanding anything to the contrary in this Agreement, the Parties agree that this Agreement was not entered into between the Parties for the purposes of satisfying the Buyer's must purchase obligation in accordance with "Qualifying Facilities" under the Public Utility Regulatory Policies Act of 1978, Public Law 95-617, 92 Stat 3117 and the implementing Federal Regulations promulgated thereunder as such are amended to the Effective Date of this Agreement and appear at 18 CFR §§ 292.101 through 292.602, throughout the term of this Agreement; and therefore both of the following apply: (i) all provisions regarding Exempt Operational Periods herein shall be disregarded, and (ii) any event that would otherwise be classified as an Exempt Operational Period shall not constitute an Uncompensated Curtailment.

#### 6.7. **Contract Termination Requirements**

If required by the MISO Rules or the Interconnection Agreement, Seller shall inform Buyer via written notice if Seller plans, upon expiration of this Agreement, to (i) register the Plant with MISO or (ii) mothball or retire the Plant. Such notice shall be provided by Seller to Buyer on or before the end of October in the year prior to the termination of this Agreement, or within twenty (20) Days of any notice provided in accordance with Section 10, Early Termination. The Parties shall cooperate with each other to undertake the activities necessary to register, mothball, or retire the Plant in accordance with the MISO Rules. Seller

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 37 of 77

Witness: BASkowronski Date: October 2021

shall indemnify Buyer against any costs, charges or penalties imposed on Buyer as a result

of Seller's failure to comply or to cooperate with Buyer to comply with the MISO Rules as

described in this Subsection 6.7.

6.8. New Regulations

In the event that the United States government, including, but not limited

to the Environmental Protection Agency, and/or any other governmental entity, implements

regulations during the term of this Agreement and such regulations make continued operation of

the Plant materially and substantially uneconomical such that continued operation is no longer

feasible, prudent and/or sustainable and Seller wishes to terminate this Agreement as a result,

Seller shall provide twelve (12) months' written notice to Buyer of such fact, and provide

sufficient supporting information to evaluate this claim (unless twelve (12) months' notice is

not commercially and/or legally feasible under the circumstances, in which case Seller shall

provide such notice as is commercially and/or legally feasible under the circumstances). This

Agreement will terminate at the time specified in such notice and neither Party shall have

any further obligations hereunder except for those obligations which survive such termination, including, but not limited to, the indemnity provided in Subsection 6.7, Contract Termination

Requirements.

7. COMPENSATION

> 7.1. **Energy Payment**

Commencing with the Commercial Operation Date and continuing for the

term of this Agreement, Seller shall pay to Buyer the LMP Payment associated with Delivered Energy

which Buyer is entitled to hereunder. Such payments shall be made on a Monthly basis.

Commencing with the Commercial Operation Date and continuing for the term of this Agreement,

Buyer shall pay Seller the Energy Purchase Price, as shown in Exhibit E, for Delivered Energy

delivered by Seller for the applicable Billing Month. Payments shall be reduced by the Monthly

Escrow Payment in accordance with Subsection 2.2, Security for Performance, if applicable. Such

payments shall be made on a Monthly basis, pursuant to Subsection 9.1, Billing Procedure.

Seller shall maintain an Actual Availability equal to or greater than (i) ninety

percent (90%) for the first full Planning Year after the Commercial Operation Date and (ii) ninety five

percent (95%) for each Planning Year thereafter, during the Contract Term (collectively, the

"Availability Standard"). For any Planning Year during which Seller fails to achieve Availability

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 38 of 77

Witness: BASkowronski

Date: October 2021

Standard, Seller will pay Buyer \$7.50 for each Availability Shortfall MWh (the "Availability Damage

Payment"); provided, however, that in no event shall the Availability Damage Payment owed by

Seller for any Planning Year exceed an amount equal to the Early Termination Security Amount for

such Planning Year divided by 5.0, subject to Section 26, Limitation of Liability

Within thirty (30) days of the commencement of (a) the second full Planning

Year and (b) each Planning Year thereafter, Seller shall deliver to Buyer a calculation showing

Seller's computation of the Actual Availability of the Plant for the previous Planning Year and the

Availability Damage Payment, if any, due to Buyer (the "Annual Availability Report"). If an Availability

Damage Payment is due from Seller, Seller will pay such Availability Damage Payment no later than

twenty (20) days after providing the Annual Availability Report.

Seller's payment of the Availability Damage Payment is Buyer's sole and

exclusive remedy and the sole liability of Seller to Buyer for Seller's failure to satisfy the Availability

Standard for any given Planning Year.

In the event the delivery of energy is curtailed due to a reason that qualifies

as a Compensated Curtailment, and such curtailment results in Lost Production, Seller shall be

entitled to Lost Production Damages on a monthly basis as its sole and exclusive remedy and

Buyer's sole and exclusive liability. Seller shall provide to Buyer relevant data and supporting

documentation so that Buyer can verify the calculation of Lost Production. Lost Production must

be calculated using data from Seller's Supervisory Control and Data Acquisition system and

based on actual measurements during the applicable time as recorded by the Plant's

measurement instrumentation. In the event that Lost Production cannot be calculated based upon

actual measurements during the applicable time, Buyer shall calculate Lost Production using

Buyer's production modeling software considering weather conditions prevalent during the

applicable time. Buyer is not obligated to arrange alternative transmission services during any

such event. Seller is not entitled to compensation for Lost Production if energy is curtailed due to

any reason that qualifies as an Uncompensated Curtailment.

7.2. **Capacity Payment** 

Commencing with the Commercial Operation Date and continuing for the

term of this Agreement, Buyer shall pay Seller the Capacity Purchase Price, as indicated in Part I.

for Compensated Capacity up to the Contract Capacity delivered by Seller for the applicable Billing

Month. Such payments shall be made on a Monthly basis.

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 39 of 77

Witness: BASkowronski Date: October 2021

For the avoidance of doubt, Compensated Capacity shall be determined by

first calculating, for the applicable Planning Period, (i) the Initial Resource Adequacy Capacity of the

Plant, and (ii) the actual Resource Adequacy Capacity awarded to the Plant by MISO and to which

Buyer is entitled under this Agreement. Compensated Capacity shall be the average of the Initial

Resource Adequacy Capacity and the actual Resource Adequacy Capacity awarded, as determined on a monthly basis. For example, if the Initial Resource Adequacy Capacity is 10 ZRCs and the

actual Resource Adequacy Capacity awarded to Seller's Plant is 5 ZRCs for a Planning Period, the

Compensated Capacity for the Planning Period will be 7.5 ZRCs. Also, for example, if the Initial

Resource Adequacy Capacity is 10 ZRCs and the actual Resource Adequacy Capacity awarded to

Seller's Plant is 15 ZRCs for a Planning Period, the Compensated Capacity for the Planning Period

will be 12.5 ZRCs.

Seller shall receive a monthly capacity payment based on the Capacity

Purchase Price as indicated in Part I, multiplied by the amount of Compensated Capacity, in ZRCs,

calculated according to the methodology described in the preceding paragraph. The current resource

Planning Period is the Planning Year which runs from June 1st of each year through May 31st of the

following year. Payments shall be reduced by any applicable monthly interconnection cost owed by

Seller to Buyer. The Capacity Purchase Price identified in Part I, will be applicable for the term of this

Agreement.

7.3. No Incidental Energy or Test Energy Payment

Neither Party shall owe the other Party compensation for any Incidental Energy or Test Energy

produced by the Plant and delivered to the Point of Delivery.

7.4. Regulatory Disallowance

If the MPSC has ruled in an order that Buyer will not be permitted complete

recovery from its customers of the capacity and energy charges to be paid pursuant to Section 7,

Compensation, (a "Disallowance Order") then Buyer shall have the right to require that the charges

to be paid by Buyer under Section 7 be adjusted to the charges which the MPSC allows Buyer to

recover from its customers. Any such adjustment shall be effective no earlier than the date of such

Disallowance Order. Pending appellate review of such order and final determination of the charges

that may be recovered by Buyer pursuant to this Agreement, the amounts not paid to the Seller due

to any such adjustment shall be placed by Buyer in an interest-bearing separate account with the

administrative costs incurred by that account to be borne by the account. The balance in the separate

account, less administrative costs, shall be paid to the appropriate Party upon the completion of

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 40 of 77

Witness: BASkowronski Date: October 2021

appellate review which establishes the charges that Buyer will be permitted to recover from its

customers. Future capacity and energy charges to be paid by Buyer shall be no greater than will be

recoverable from Buyer's customers pursuant to such final appellate determination.

Seller shall refund to Buyer any portions of the capacity and energy charges

paid by Buyer to Seller under this Agreement which Buyer is not permitted, for any reason, to recover

from its customers through its electric rates, or at Buyer's sole option, Buyer shall offset said amounts

against amounts owed Seller by Buyer as provided in Section 9, Billing.

Buyer shall not seek a Disallowance Order and shall use good faith,

commercially reasonable efforts to oppose any proposal to disallow costs included in the Agreement.

Nothing in the Agreement shall constitute a waiver of any rights Seller may have to appeal or

collaterally challenge a Disallowance Order as a violation of Seller's rights or as otherwise unlawful,

including any rights or benefits under MCL 460.6j(13)(b).

Notwithstanding the foregoing, Seller shall have the right to terminate this

Agreement without further liability at any time following a Disallowance Order up to sixty (60) Days

following final resolution of any appeal of or collateral challenge to such order by giving Buyer thirty

(30) Days' notice of such termination.

The provisions of this Subsection 7.4 shall govern over any conflicting

provisions of this Agreement.

8. **EVENTS OF DEFAULT** 

An "Event of Default" shall mean, with respect to a Party (a "Defaulting Party"), the

occurrence of any of the following:

the failure to make, when due, any payment required pursuant to this (a)

Agreement if such failure is not remedied within five (5) Business Days after written notice;

(b) such Party becomes Bankrupt (whether voluntarily or involuntarily);

such Party consolidates or amalgamates with, or merges with or into, or (c)

transfers all or substantially all of its assets to, another entity and, at the time of such consolidation,

amalgamation, merger or transfer, the resulting, surviving or transferee entity fails to assume all the

obligations of such Party under this Agreement to which it or its predecessor was a party by operation

of law or pursuant to an agreement reasonably satisfactory to the other Party;

(d) The failure of Seller, after the year in which the Commercial Operation Date

occurs, to supply any Delivered Energy to the Buyer hereunder for any period of seven hundred thirty

MICHIGAN PUBLIC SERVICE COMMISSION

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 41 of 77 Witness: BASkowronski

Date: October 2021

(730) consecutive Days;

The making of a representation or warranty that is false or misleading in any (e)

material respect when made or when deemed or repeated that is not cured within thirty (30) Calendar

Days;

(f) The failure by Seller to meet the Termination Deadline COD (subject to a day-

for-day extension for Permitted Extensions).

In the event that (i) this Agreement was entered into between the Parties for (g)

the purposes of satisfying the Buyer's must purchase obligation in accordance with "Qualifying

Facilities" under the Public Utility Regulatory Policies Act of 1978, Public Law 95-617, 92 Stat 3117

and the implementing Federal Regulations promulgated thereunder as such are amended to the

Effective Date of this Agreement and appear at 18 CFR §§ 292.101 through 292.602, throughout the

term of this Agreement; and (ii) Seller fails to maintain such "Qualifying Facility" status, Buyer shall

have the option of terminating this Agreement by giving Seller one hundred eighty (180) Days written

notice.

(h) Delivered Energy and Incidental Energy exceeding the Plant nameplate

capacity MW as identified in Part I during any one-hour period; provided that it will not be an Event

of Default under this clause (h) if (x) an exceedance was due to a system error or other similar cause outside of Seller's reasonable control; (y) there have been such one-hour periods on five (5) or fewer

occurrences during a single Planning Year and (z) following each such exceedance Seller has taken

action reasonably satisfactory to Buyer to cease the occurrence of any such excess energy delivery

during future one-hour periods;

(i) The failure of a Party to perform, observe, or comply with any material term

or condition of the Agreement (except to the extent constituting a separate Event of Default) which

is not cured within thirty (30) Calendar Days of written notification thereof by the other Party, except

that if such failure is not capable of being remedied within such period, then for such longer period

as is reasonably needed to effect the remedy, not to exceed a total period of sixty (60) Days from

the date of initial written notification by the other Party, on the condition that the failing Party

diligently pursues such remedy including, but not limited to:

(i) Failure of either Party to comply with the terms and conditions of this

Agreement;

(ii) An attempted assignment of the Agreement by either Party if done so

in violation of Section 16, Successors and Assigns;

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 42 of 77 Witness: BASkowronski Date: October 2021

(iii) Failure of Seller to provide Buyer commercially reasonable access rights to the Plant necessary for either Party to perform its obligations under this Agreement, or Seller's attempt to revoke or terminate such access rights;

- Failure of either Party to provide information or data to the other Party (iv) as required under this Agreement;
- Material modification of the Plant equipment which changes the (v) Plant's maximum electric output after the Commercial Operation Date, if done so in violation of Section 4, Metering.

With respect to subpart (g) above only, the Seller shall be entitled to a period of onehundred eighty (180) Days, from the occurrence of such an Event of Default to cure such Event of Default.

#### 9. **BILLING**

#### 9.1. Billing Procedure

As soon as practicable after the end of each Billing Month, but in no event later than the twenty-eighth (28th) Day of the Month following the Billing Month, Seller shall submit to Buyer a statement ("Statement") which shall identify any amounts owed by Buyer or Seller pursuant to Section 7, Compensation, during such Billing Month and any other amounts owed between the Parties with respect to such Billing Month. Such Statement shall use data obtained in accordance with Section 4, Metering. At least three (3) Days prior to the payment due date, the Parties will review the final billing data and confirm the final amount owed by Buyer or Seller, as applicable. If necessary, Seller shall submit a revised Statement to Buyer.

The net amount due shall be paid by the owing Party via electronic funds transfer of said amount by the last Joint Banking Day of the Calendar Month following the Billing Month. Any amounts not paid when due shall bear interest until paid at the Late Payment Interest Rate. Notwithstanding the previous sentence, in no event will either Party be required to pay interest on any amounts owed to the other Party as a result of adjustments made pursuant to the following paragraph.

In the unlikely event that metering equipment data is unavailable or MISO and Seller's financial settlement for the Plant is performed using data estimated by MISO, Seller may render a Statement based on its best estimate (using MISO estimated data, if applicable) of the amount owed by Buyer or Seller in order to meet the payment deadline in the second paragraph of this Subsection 9.1. Such a Statement shall indicate that it represents a best estimate of the amount

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 43 of 77

Witness: BASkowronski Date: October 2021

owed. Such an estimate may utilize Buyer's metered data, if available. If such an estimate is used,

an adjustment shall be made, if necessary, to the next Billing Month Statement issued after the date

upon which actual data is determined to correct the prior Billing Month estimate.

9.2. Disputes

Buyer may, in good faith, dispute the correctness of any Statement or any

adjustment to a Statement, rendered under this Agreement and Seller may adjust any Statement for

any arithmetic or computational error within three hundred sixty-five (365) Days of the date the

Statement, or adjustment to a Statement, was rendered. Any Statement dispute or Statement

adjustment shall be in writing and shall state the basis for the dispute or adjustment. Payment of the

disputed amount shall not be required until the dispute is fully resolved, including any associated

appeals. Upon resolution of the dispute, any required payment shall be made within two (2) Business

Days of such resolution along with interest accrued at the Late Payment Interest Rate from and

including the due date to but excluding the date paid. Inadvertent overpayments where one Party pays the other Party an amount greater than the Statement amount shall be returned within two (2)

Business Days upon request or deducted by the affected Party. Any dispute with respect to a

Statement is waived unless the other Party is notified in accordance with this Subsection 9.2 within

three hundred sixty-five (365) Days after the Statement is rendered or any specific adjustment to the

Statement is made.

10. **EARLY TERMINATION** 

10.1. Early Termination

If an Event of Default with respect to a Party (the "Defaulting Party") shall

have occurred, and not be cured pursuant to Section 8, Events of Default, (if applicable), the other

Party (the "Non-Defaulting Party") shall have the right to terminate this Agreement upon thirty (30)

Business Days' written notice to the Defaulting Party, as provided herein. In the event of the failure

by the Defaulting Party to make timely payment due under this Agreement, the Non-Defaulting Party

shall have the right, as an alternative or in addition to early termination, to recover from the Defaulting

Party all amounts due, plus interest.

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 44 of 77

Witness: BASkowronski Date: October 2021

10.2. <u>Early Termination Payment</u>

Upon termination by Buyer pursuant to this Section 10, (other than with respect to an Event of Default associated with Subsection 8(f), the exclusive remedy for which is set

forth in Subsection 5.3), Seller shall owe Buyer the Early Termination Security Amount. The Early

Termination Security established in accordance with Subsection 2.2, Security for Performance,

shall be applied toward satisfying such amount and within twenty (20) Days after Buyer has provided notice of termination to Seller pursuant to this Section 10, Buyer shall draw upon or

withdraw the funds from, the applicable Early Termination Security and apply such funds toward the

satisfaction of Seller's obligation to pay the Early Termination Security Amount. The provisions of

this Section 10 regarding payments shall survive any termination of this Agreement pursuant to

this Section 10.

Upon termination by Seller pursuant to this Section 10, Buyer shall owe

Seller an "Early Termination Payment" equal to the lesser of (i) the Early Termination Security

Amount, and (ii) (a) an amount equal to the present value of the economic loss, if any (excluding

Contract Costs), to Seller resulting from such termination for the remainder of the Contract Term,

determined by Seller in a commercially reasonable manner (the "Losses"), minus (b) an amount

equal to the present value of the economic benefit to Seller, if any, resulting from such termination

for the remainder of the Contract Term, determined by Seller in a commercially reasonable manner

(the "Gains"), plus (c) any amounts owed by Buyer to Seller arising prior to such termination, net of

any amounts owed by Seller to Buyer arising prior to such termination. If Seller's Gains exceed its

Losses, then clause (ii) shall be equal to zero dollars (\$0).

The Parties confirm that the express remedies and measures of damages provided

in this Agreement satisfy the essential purposes hereof. If no remedy or measure of damages is

expressly herein provided, the obligor's liability shall be limited to direct, actual damages and such

other remedies as are available at law or in equity.

Buyer shall have no obligation to enter into any subsequent Power Purchase

Agreement(s) with Seller until such time that any and all amounts owed to Buyer, including any

applicable early termination payment, are paid. Unless this Agreement is either (i) terminated or,

(ii) amended, in each case by mutual consent of the Parties, in any such subsequent Power

Purchase Agreement, Seller shall not be entitled to a more favorable Capacity Purchase Price or

Energy Purchase Price than would have been in effect during any remaining term of this

Agreement. Either Party's obligation to make payments already due associated with deliveries

received prior to the date of termination of the Agreement will survive any termination initiated

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 45 of 77

Witness: BASkowronski Date: October 2021

under Section 10, Early Termination.

10.3. Duty to Mitigate

Each Party agrees that it has a duty to mitigate damages and covenants that

it will use commercially reasonable efforts to minimize any damages it may incur as a result of the

other Party's performance or non-performance of the Agreement.

11. ADMINISTRATIVE COMMITTEE

> 11.1. Purpose

> > From time to time various administrative and technical matters may arise in

connection with the terms and conditions of this Agreement which will require the cooperation and

consultation of the Parties and the exchange of information. As a means of providing for such

cooperation, consultation and exchange, an Administrative Committee is hereby established with the

functions described in Subsection 11.4 hereof. However, the Administrative Committee shall not (1) have the authority to amend this Agreement or (2) diminish in any manner the authority or

responsibility of either Party as set forth in the various sections of this Agreement.

11.2. Membership

The Administrative Committee shall have two (2) members, with one

designated by each Party. Within sixty (60) Days after the Effective Date, each Party shall designate

its representative on the Administrative Committee and shall promptly give written notice thereof to

the other Party. Thereafter, each Party shall promptly give written notice to the other Party of any

change in the designation of its representative on the Administrative Committee. The Chairman of

the Administrative Committee shall be the Buyer's representative. All actions taken by the

Administrative Committee must be approved by both members.

11.3. Meetings

The Administrative Committee shall meet on dates and at locations (or by

conference call) to be mutually agreed upon by the representatives. Meetings may be attended by

individuals other than the representatives of the Parties.

11.4. Functions

The Administrative Committee shall have the following functions:

(a) Provide liaison between the Parties at the management level and

exchange information with respect to significant matters of design, construction, operation, and

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 46 of 77

Witness: BASkowronski Date: October 2021

maintenance of the Plant.

Appoint ad hoc committees, the members of which need not be (b)

members of the Administrative Committee, as necessary to perform detailed work and conduct

studies regarding matters requiring investigation.

(c) Review, discuss and attempt to resolve disputes arising under this

Agreement.

11.5. **Expenses** 

Each Party shall be responsible for the salary and out-of-pocket expenses of

its representative and its other attendees. All other expenses incurred in connection with the

performance by the Administrative Committee of its functions shall be allocated and paid as

determined by the Administrative Committee.

12. FORCE MAJEURE

> 12.1. Definition

> > Except as provided below in this Subsection 12.1, the term "Force Majeure"

means acts or actions beyond the reasonable control of the affected Party, including without

limitation, acts of God; flood; earthquake; storm or other natural calamity; labor disputes; third-party

vandalism; war; insurrection; riot; blockades; embargos; epidemic (including the COVID-19

coronavirus pandemic); curtailment (including any curtailment ordered by any Reliability Authority),

order, regulation, quarantine or restriction imposed by governmental authority; fire or explosion not

caused by criminal acts by the Party claiming Force Majeure; transportation accidents or perils at

sea; defects in or loss of a main power transformer included or to be included in the Plant (provided

that Seller may not claim an event of Force Majeure related thereto more than one time pursuant to

this Section 12); or other similar cause beyond the reasonable control but not due to negligence of

the Party affected. Notwithstanding the foregoing, for purposes of this Agreement, the term "Force

Majeure" shall not include: (1) shortages of supplies and shortage of fuel, other than shortages of

supplies or shortages of fuel occurring in time of calamity which is preventing major users in the

United States, including the Seller, from obtaining supplies or fuel, as applicable, for their operations;

(2) mechanical breakdown of Seller's equipment (except with respect to defects in or loss of a main

power transformer included or to be included in the Plant which may itself be the basis for a claim of

Force Majeure subject to the limitation set forth above) unless Seller demonstrates such breakdown

was primarily due to an event of Force Majeure; and (3) strikes or labor disturbances of employees

of the Party affected that are solely directed at the Party affected. The term "fuel" as used in this

MICHIGAN PUBLIC SERVICE COMMISSION

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 47 of 77

Witness: BASkowronski

Date: October 2021

Subsection 12.1 shall be interpreted to include solar irradiance, except to the extent the shortage of

solar irradiance was caused by an event of Force Majeure.

12.2. Obligations Under Force Majeure

Force Majeure shall apply to the following situations:

If Seller is delayed or rendered wholly or partially unable by the (a)

occurrence of a Force Majeure event to generate and deliver energy to the Point of Delivery or

otherwise perform under this Agreement, then, in each case, for the duration of such Force Majeure

event, subject to the conditions below, (i) Seller's obligations to supply Product to Buyer, or to

otherwise perform under this Agreement, and (ii) Buyer's obligation to pay for Product pursuant to

Section 7, Compensation, in each case, shall be limited to the amount of Product that Seller supplies

and delivers.

(b) If Buyer is delayed or is rendered wholly or partially unable by the

occurrence of a Force Majeure event to receive Product that is supplied or produced by Seller at the

Point of Delivery, or otherwise perform under this Agreement, then, in each case for the duration of

such Force Majeure event, subject to the conditions below, (i) Buyer's obligation to pay Seller for

Product pursuant to Section 7, Compensation, or to otherwise perform under this Agreement, and

(ii) Seller's obligations to supply and deliver Product to Buyer, in each case, shall be limited to the amount of Product that Buyer receives. Notwithstanding the above, the inability to pay for any

Product shall not be deemed to be an event of Force Majeure hereunder.

The Party rendered wholly or partially unable to perform because of a Force

Majeure event shall promptly give written notice thereof to the other Party, including a description of

such Force Majeure event, an estimate of the anticipated duration of such Force Majeure event and

the effect of the Force Majeure event on the Party's performance obligation. Unless performance

has already resumed, the Party rendered wholly or partially unable to perform because of a Force

Majeure event shall, within thirty (30) Days of the date upon which such notice of Force Majeure was

provided, and at Monthly intervals thereafter, submit to the other Party an update of the Force

Majeure event including a summary of the activities necessary for the Party to resume performance.

Upon the conclusion of the Force Majeure event, the Party heretofore unable to perform shall resume

performance of the obligation previously suspended and provide notice to the other Party of when

the Force Majeure event ceased.

Notwithstanding any of the foregoing provisions, if a Party has claimed Force

Majeure that affects more than ten percent (10%) of any individual obligation for more than a total of

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 48 of 77

Witness: BASkowronski Date: October 2021

Commercial Operation Date during the term of this Agreement (provided, however, that Seller may claim up to an additional one hundred eighty (180) Days of Force Majeure, during said five (5) year period, in the event of significant damage to Seller's Plant resulting from an event of Force Majeure),

one hundred eighty (180) Days during any consecutive five (5) year period occurring after the

the non-affected Party shall have a right to terminate this Agreement, without any further liability of either Party to the other (other than for obligations that arose prior to termination), upon written notice

to the affected Party, given at any time while such Force Majeure continues after the 180th Day (or

such later Day as may be applicable to a Force Majeure in which Seller is the affected Party in the

event of significant damage to Seller's Plant resulting from an event of Force Majeure). However, if

the affected Party has both (i) provided notice to the non-affected Party that it is able to resume performance of its obligations, and (ii) begins to resume performance of its obligations prior to

delivery of written notice of the early termination from the non-affected Party, such notice of early

termination from the non-affected Party shall be void.

12.3. Continued Payment Obligation

Any Party's obligation to make payments already due under this Agreement

shall not be suspended by Force Majeure.

negligence or willful misconduct of the Seller.

13. **INDEMNITY** 

The Seller shall indemnify, defend and hold Buyer and its officers, agents and employees harmless from any and all liability, claims, demands, costs, judgments, loss or damage, including reasonable attorney fees, for personal injury or death to natural persons and/or physical damage to tangible property of any Person, to the extent attributable to or resulting from the installation, construction, maintenance, possession or operation of the Plant, except those caused solely by the negligence or willful misconduct of Buyer. Without limiting the foregoing, the Seller shall at Buyer's request, defend at Seller's expense any suit or proceeding brought against Buyer for any of the above-named reasons; provided that Buyer promptly notifies Seller in writing of any such claim and promptly tenders to Seller the sole control and defense of any such claim at Seller's expense and with Seller's choice of counsel. Buyer shall cooperate with Seller, at Seller's expense, in defending or settling such claim and Buyer may join in defense with counsel of its choice at its own expense. Buyer may not settle any such claim without Seller's prior written consent. Seller's indemnification shall not include damage and injuries occurring on Buyer's own system after the Point of Delivery, unless the damage to or injuries occurring on such system is/are caused by the

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 49 of 77

Witness: BASkowronski Date: October 2021

Buyer shall indemnify, defend and hold the Seller, its officers, agents and employees

harmless from any and all liability, claims, demands, costs, judgments, loss or damage, including

reasonable attorney fees, for personal injury or death to natural persons and/or physical damage to

tangible property of any Person, to the extent attributable to or resulting from damage or injuries occurring on Buyer's own system after the Point of Delivery, unless the damage or injuries on Buyer's

system is/are caused by the sole negligence or willful misconduct of the Seller. Without limiting the

foregoing, Buyer shall at Seller's request, defend at Buyer's expense any suit or proceeding brought

against Seller for any of the above-named reasons; provided that Seller promptly notifies Buyer in

writing of any such claim and promptly tenders to Buyer the control and defense of any such claim

at Buyer's expense and with Buyer's choice of counsel. Seller shall cooperate with Buyer, at Buyer's expense, in defending or settling such claim and Seller may join in defense with counsel of its choice

at its own expense. Seller may not settle any such claim without Buyer's prior written consent.

14. **DISAGREEMENTS** 

14.1. Administrative Committee Procedure

If any disagreement arises on major matters pertaining to this Agreement,

either Party may bring the disagreement to the Administrative Committee, which shall attempt to

resolve the disagreement in a timely manner. If the Administrative Committee can resolve the

disagreement, such resolution shall be reported, signed by both parties and shall be binding upon

the Parties provided such resolution shall not alter or amend this Agreement. If the Administrative

Committee cannot resolve the disagreement within a reasonable time, an officer of Buyer or an officer of Seller can, by written notice to the members of the Administrative Committee, withdraw the matter

from consideration by the Administrative Committee and submit the same for resolution to the officer

of Buyer and the officer of Seller. If these representatives of the Parties agree to a resolution of the

matter, such resolution shall be reported in writing to, and shall be binding upon, the Parties.; but if

said representatives fail to resolve the matter within seven (7) Days after its submission to them, then

either Party may pursue any remedies available at law and equity.

14.2 Obligations to Continue

At all times, pending the resolution of any disagreement, the Parties shall

continue to perform their obligations pursuant to this Agreement.

CHANGES CONCERNING APPLICABLE LAW 15.

In the event that there is a change in applicable law or regulation, including but not

limited to laws or regulations of the State of Michigan, the Federal Energy Regulatory Commission,

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 50 of 77

Witness: BASkowronski Date: October 2021

the MPSC, or MISO, or in the event MISO ceases or modifies its operations or rules such that such modifications have a material effect on this Agreement or either Party's obligations hereunder, then Seller and Buyer shall negotiate in good faith to amend this Agreement or enter into other agreements reasonably necessary to preserve and maintain the business agreement between the Parties described herein as of the Effective Date and the material terms and provisions of such relationship contemplated herein.

16. SUCCESSORS AND ASSIGNS; OPTION

> 16.1 Successors and Assigns

This Agreement shall inure to the benefit of and be binding upon the successors and assigns of the respective Parties hereto. This Agreement shall not be assigned by a Party without the other Party's prior written consent, which consent shall not be unreasonably withheld, but provided that (i) except as stated under any collateral assignment by Seller, any assignee shall expressly assume in writing all of assignor's obligations hereunder in a form reasonably acceptable to the non-assigning party; and (ii) no such assignment shall impair any security given by Seller hereunder. Notwithstanding the foregoing, if Buyer is not asked to sign any additional document for collateral security purposes, Buyer's consent is not required for Seller to assign this Agreement for collateral security purposes. Any attempted assignment or transfer in violation of this Section 16 shall be void and not merely voidable.

If a lender or financing party has requested that Buyer and Seller enter into a consent to collateral assignment of this Agreement to assign this Agreement in connection with any loan, lease or other financing arrangement for the Plant, Buyer will enter into a consent to collateral assignment substantially in the form of Exhibit C hereto or in such other form as is requested by the financing parties and reasonably acceptable to Buyer. Buyer shall also promptly execute and deliver to Seller and its actual and potential (i) lenders, (ii) assignees, (iii) equity investors, and (iv) other financing parties, in each case, any documentation reasonably requested by such parties, including reasonable estoppel certificates attesting to the existence and force and effect of this Agreement, in a form substantially as set forth in Exhibit D or otherwise reasonably acceptable to Seller, Buyer and such entities.

> 16.2 Purchase Option

16.2.1 No later than sixty (60) Days prior to the first Day of the Exercise Period (defined below), Seller shall provide Buyer with information or access to information as reasonably requested or necessary for Buyer's due diligence regarding the

potential purchase of the Plant. Information shall also be provided by Seller to Buyer, in form and

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 51 of 77

Witness: BASkowronski Date: October 2021

relative to the determination of the potential purchase price pursuant to the following alternative factors in this Subsection 16.2.1. Upon prior written notice to Seller at any time within the thirty (30) Day period beginning on the tenth (10th) anniversary of the Commercial Operation Date (the <u>"Exercise Period</u>"), Buyer shall have the right (the "<u>Purchase Option</u>") to elect to purchase the Plant as of a date no later than six (6) months after the date such exercise notice was delivered to Seller, which may be extended as reasonably necessary to complete all applicable conditions precedent as stated in Subsection 16.2.4 (the "Closing Outside Date"), provided that the parties are working in good faith to complete the conditions precedent and subject to the terms and conditions of this Subsection 16.2. The Purchase Option shall not apply if Buyer has not delivered an exercise notice within the Exercise Period nor in the event of any early termination of this Agreement. The purchase price for the Plant shall be the greatest of (i) the Fair Market Value (as defined below) of the Plant, (ii) the net book value in the Seller's accounting records, as of the closing date of the sale, of the Plant determined in accordance with generally accepted accounting

principles and practices as in effect from time to time in the U.S., and (iii) the sum, as of the closing date of the sale, of (A) the outstanding principal, interest, fees, make-whole, and prepayment amounts in respect of any debt of Seller, the net proceeds, properties, or benefits of which are applied for the purposes of paying, reimbursing, or refinancing the costs of the development, financing, construction, operation, maintenance or improvement of the Plant, plus (B) the amount necessary to pay any tax equity investor that has invested directly or indirectly in the Plant or Seller in order to cause the after-tax internal rate of return of such tax equity investor's investment to equal the targeted rate of return under its tax equity agreements, plus (C) any tax equity investor's percentage share of cash distributions after achieving the targeted rate of return under its tax

substance reasonably requested by Buyer, regarding verification of calculations or information

16.2.2 The "Fair Market Value" will be the price in cash that a willing buyer would pay to a willing seller, and that a willing seller would accept from a willing buyer, neither of them being under a compulsion to buy or sell, utilizing valuation methods commonly used and accepted in the independent electric generating industry and taking into account all relevant facts and circumstances relating to the Plant including the revenue stream remaining under this Agreement and the expected revenue stream after the term of this Agreement based on the products that can be sold from the Plant at their expected fair market values. If the Parties cannot mutually agree on a Fair Market Value, then the Parties shall select a nationally recognized independent appraiser with experience and expertise in the U.S. solar energy industry to value the Plant. If the Parties cannot mutually agree on a single appraiser, then each Party will select

equity agreements times the Fair Market Value.

MICHIGAN PUBLIC SERVICE COMMISSION

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 52 of 77

Witness: BASkowronski

Date: October 2021

an appraiser meeting the qualifications in the preceding sentence and the parties' selected

appraisers will choose a third, qualified appraiser, with that third appraiser to value the Plant. The

selected appraiser shall act reasonably and in good faith to determine the Fair Market Value and

shall set forth such determination in a written opinion delivered to the Parties. The valuation made

by the appraiser shall be binding on the Parties in the absence of fraud or manifest error. Buyer

shall pay all fees and costs of the appraisers.

16.2.3 If Buyer provides notice exercising the Purchase Option

within the Exercise Period, then the Parties shall negotiate in good faith to enter into definitive

agreements pursuant to which Buyer will purchase the Plant no later than the Closing Outside

Date, unless mutually agreed otherwise. Within sixty (60) Days after receipt of Buyer's timely

exercise notice, Seller shall provide a form of purchase and sale agreement for the Plant, which

shall form the basis of the Parties' negotiation of the terms and conditions of the potential

purchase. The purchase agreement shall include a representation as to Seller's ownership of the

Plant (excluding certain permitted liens) and other customary representations and warranties for

a transaction of this type made by one or both Parties. Buyer and Seller each agree that there is no obligation hereunder by either Party to buy or sell the Plant until and unless Buyer and Seller

mutually agree to the final, negotiated terms and conditions contained in definitive documents

which are duly executed by each Party.

16.2.4 If the Parties agree on definitive documents, then upon

satisfaction of all conditions precedent to closing, Seller shall assign to Buyer, and Buyer shall

assume, pursuant to such definitive documents, all of Seller's right, title and interest in and to all

property and agreements related to the ownership, operation and maintenance of the Plant. The

closing shall be subject to obtaining any governmental, regulatory, and other required third party

consents and approvals for the transfer of the Plant, in addition to satisfaction of other customary

closing conditions.

17. GOVERNING LAW; WAIVER OF JURY TRIAL

This Agreement shall be deemed to be a Michigan contract and shall be construed

in accordance with and governed by the laws of Michigan, without regard to principles of conflicts of

law.

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 53 of 77

Witness: BASkowronski

Date: October 2021

WAIVER OF JURY TRIAL. EACH PARTY WAIVES TO THE FULLEST EXTENT

PERMITTED BY REQUIREMENTS OF LAW ANY RIGHT TO A TRIAL BY JURY IN CONNECTION WITH ANY CLAIM, CAUSE OF ACTION, SUIT OR OTHER PROCEEDING ARISING OUT OF OR

IN CONNECTION WITH THIS AGREEMENT OR THE IMPLEMENTATION OF THIS

AGREEMENT.

18. **HEADINGS** 

The various headings set forth in this Agreement are for convenience only and shall

not affect the construction or interpretation of this Agreement.

19. **NOTICE TO PARTIES** 

Unless otherwise provided in this Agreement, any notice, consent or other

communication required to be made under this Agreement shall be effective if it is in writing and

delivered personally or by certified mail (postage prepaid and return receipt requested), reputable

overnight delivery service, or telecopy or other confirmable form of electronic delivery to the address

set forth in Part I or to such other address as the receiving Party may designate in writing.

20. **WAIVER** 

No term or provision of this Agreement shall be deemed waived and no breach

excused unless such waiver or consent is in writing and signed by the Party claimed to have waived

or consented. Any consent by any Party to, or waiver of, a breach by the other Party, whether

express or implied, shall not constitute a continuing waiver of, or consent to, or excuse any

subsequent or different breach, nor in any way affect the validity of this Agreement or any part of it,

or the right of any Party to thereafter enforce any provision of this Agreement.

21. **NONSEVERABILITY** 

The following provisions of this Agreement are hereby declared to be essential

provisions: (i) the limitation on Buyer's obligation to enter into a subsequent power purchase

agreement with Seller at a higher Capacity Purchase Price in accordance with the last paragraph of

Subsection 10.2, (ii) the respective requirements and obligations of the Parties to indemnify the

other in accordance with Section 13, (iii) the mutual protections and obligations of the Parties'

limitation of liability in accordance with Section 26, (iv) Seller's requirements to reach commercial

operation, Buyer's right to retain earnest money and Buyer's right to retain liquidated damages in

Subsection 5.3, and (v) all rights conveyed to the Parties in accordance with Subsection 7.. If any

such essential provision of this Agreement is declared invalid in whole or in material part in a final,

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 54 of 77

Witness: BASkowronski Date: October 2021

non-appealable order by a court or other tribunal of competent jurisdiction, then the Parties shall

promptly enter into good faith negotiations to amend this Agreement to remedy the invalidated

provision(s) in a manner that reasonably preserves the rights, obligations and economic positions of

the Parties under this Agreement as if such provision(s) had not been invalidated. If the Parties

cannot reach a mutual agreement through good faith negotiations to amend this Agreement in

accordance with the preceding sentence within a period of ninety (90) days, the Party adversely

affected by such invalidation shall have the right to terminate this Agreement by giving the other

Party thirty (30) days' notice of such termination. Notwithstanding the remainder of this Section 21, the Parties agree that Buyer retains the right to determine, in its sole discretion, whether to accept

any proposed or potential amendment that would affect in any way its rights to obtain relief in

accordance with Subsection 7.4.

If any non-essential provision of this Agreement is held to be invalid or unenforceable,

it shall be ineffective only to the extent of the invalidity, without affecting or impairing the validity and

enforceability of the remainder of the provision or provisions of this Agreement and without giving

rise to any right of termination; provided, however, that Seller and Buyer shall negotiate in good

faith to amend this Agreement to replace such invalid or unenforceable provision or provisions to

give effect to the original intent of Seller and Buyer for the affected provision.

22. **MISCELLANEOUS** 

> 22.1 No Third-Party Beneficiaries

This Agreement is intended solely for the benefit of the Parties hereto.

Nothing in this Agreement shall be construed to create any duty to, or standard of care with reference

to, or any liability to, any Person not a Party to this Agreement.

Disclaimer of Joint Venture, Partnership and Agency 22.2

This Agreement shall not be interpreted or construed to create an association,

joint venture or partnership between the Parties or to impose any partnership obligation or liability upon either Party. Neither Party shall have any right, power or authority to enter into any agreement

or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise

bind, the other Party.

23. **ENTIRE AGREEMENT AND AMENDMENTS** 

With respect to the subject matter hereof, this Agreement supersedes all previous

representations, understandings, negotiations and agreements either written or oral between the

Parties hereto or their representatives and constitutes the entire agreement of the Parties. No

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3)

Page: 55 of 77 Witness: BASkowronski Date: October 2021

amendments or changes to this Agreement shall be binding unless made in writing and duly executed by both Parties.

24. **ELIGIBLE CONTRACT PARTICIPANT** 

The Parties acknowledge and agree that this Agreement and the transactions contemplated hereunder are a "forward contract" within the meaning of the United States Bankruptcy Code. Each Party represents and warrants, solely as to itself, that it is a "forward merchant" within the meaning of the United States Bankruptcy Code. In the event that this transaction is deemed to be a financial hedge or similar arrangement with respect to Buyer's obligation to pay Seller the Energy Purchase Price for Delivered Energy and/or the Capacity Purchase Price for Resource Adequacy Capacity as provided in Sections 3 and 7, each Party represents to the other that it is, or at the Commercial Operation Date will be, an "Eligible Contract Participant" as defined in the Commodity Exchange Act, as amended, 7 U.S.C. Section 1(a)(18); provided, however, it is not the intent of the Parties that this Agreement be subject to such Act.

25. COUNTERPARTS AND ELECTRONIC DOCUMENTS

This Agreement may be executed and delivered in counterparts, including by a facsimile or an electronic transmission thereof, each of which shall be deemed an original. Any document generated by the Parties with respect to this Agreement, including this Agreement, may be imaged and stored electronically and introduced as evidence in any proceeding as if original business records. Neither Party will object to the admissibility of such images as evidence in any proceeding on account of having been stored electronically.

26. **LIMITATION OF LIABILITY** 

EXCEPT AS SET FORTH HEREIN, THERE IS NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. AND ANY AND ALL IMPLIED WARRANTIES ARE DISCLAIMED. EXCEPT FOR A PARTY'S INDEMNITY OBLIGATIONS OR AS OTHERWISE EXPRESSLY HEREIN PROVIDED, NEITHER PARTY SHALL BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, PUNITIVE, EXEMPLARY OR INDIRECT DAMAGES, LOST PROFITS OR OTHER BUSINESS INTERRUPTION DAMAGES, BY STATUTE, IN TORT OR CONTRACT, UNDER ANY INDEMNITY PROVISION OR OTHERWISE.

27. REPRESENTATIONS

Each Party represents to the other Party that (a) it has taken all appropriate and necessary internal actions to authorize the execution, delivery and performance of this Agreement,

MICHIGAN PUBLIC SERVICE COMMISSION

Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3)

Page: 56 of 77 Witness: BASkowronski

Date: October 2021

(b) this Agreement has been duly executed by such Party, (c) except for MPSC approval of this

Agreement as provided for in Subsection 2.1 and for other permits and authorizations to be obtained

in the ordinary course by Seller, its Affiliates and/or contractors in the development, construction,

commissioning and operation of the Plant (which shall be obtained in due course), it has obtained all

consents, approvals and authorizations necessary for the valid execution, delivery and performance

of this Agreement, and (d) this Agreement has been duly executed by and constitutes a legal, valid and binding obligation of such Party, enforceable against it in accordance with its terms, except as

limited by applicable bankruptcy and insolvency laws and the availability of equitable remedies.

Buyer represents that it is a Network Customer under the MISO Rules and that Buyer will designate

the Plant as a Network Resource under the MISO Rules.

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 57 of 77 Witness: BASkowronski Date: October 2021

EXHIBIT A Page 1 of 1

#### **Exhibit A Early Termination Security Amount Schedule**

The Early Termination Security amount will be \$150,000 per expected ZRC for a contract term of twenty-five (25) years and \$125,000 per expected ZRC for a contract term of twenty (20) years. Expected ZRCs included in such calculation will be based on the MISO class average capacity for similar technologies based on the Contract Capacity using the following equation.

Early Termination Security Amount =  $$150,000 \times MISO \ class \ average \ (\%) \times Contract \ Capacity \ (MW)$ 

In accordance with this methodology, the Early Termination Security amount is detailed in the following table.

**Amount** 

Planning Year

(Commencing on June 1 of the Stated Year)	
2023 2024	\$ 7,812, 500 \$ 7,812, 500
2025	\$ 7,812, 500
2026	\$ 7,812, 500
2027	\$ 7,812, 500
2028	\$ 7,812, 500
2029	\$ 7,812, 500
2030	\$ 7,812, 500
2031	\$ 7,812, 500
2032	<u>\$ 7,812, 500</u>
2033	<u>\$ 7,812, 500</u>
2034	<u>\$ 7,812, 500</u>
2035	<u>\$ 7,812, 500</u>
2036	<u>\$ 7,812, 500</u>
2037	<u>\$ 7,812, 500</u>
2038	<u>\$ 7,812, 500</u>
2039	<u>\$ 7,812, 500</u>
2040	\$ 7,812, 500 \$ 7,010, 500
2041	\$ 7,812, 500 \$ 7,812, 500
2042	\$ 7,812, 500 \$ 7,812, 500
2043	<u>\$ 7,812, 500</u>

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 58 of 77 Witness: BASkowronski Date: October 2021

> EXHIBIT B Page 1 of 5

# **Exhibit B Form of Guaranty**

#### **GUARANTY**

33,404.11
GUARANTY, dated as of20, made by, a, corporation whose principal offices are located a ("Guarantor") to Consumers Energy
Company, a Michigan corporation, whose principal offices are located at One Energy Plaza Jackson, Michigan 49201, ("Counterparty").
WHEREAS, a whose principal offices are located at ("Obligor"), has entered, of may enter, into a certain agreement(s) with Counterparty regarding (the "Agreement") (capitalized terms used but not otherwise defined herein shall have the meanings given to such terms in the Agreement);
WHEREAS, as a condition precedent to Counterparty's obligations to affect the transactions contemplated in the Agreement, Counterparty is requiring Guarantor to execute and deliver this Guaranty in favor of Counterparty;
WHEREAS, Guarantor is the indirect parent company of Obligor and Guaranto is willing to guarantee certain of Obligor's obligations under the Agreement as set forth below
NOW, THEREFORE, in consideration of the premises and in order to induc Counterparty to enter into the Agreement, Guarantor hereby agrees as follows:
1. <u>Guaranty</u> .
(a) Guarantor hereby absolutely, irrevocably and unconditional guarantees the punctual payment and performance when due of all obligations of Obligor now or hereafter existing under the Agreement (collectively, the "Guarantee Obligations"), and agrees to pay any and all costs incurred by Counterparty enforcing or attempting to enforce any rights under this Guaranty. This is a guarant of payment and performance, not of collection. For purposes hereof, the phrase "whe due" shall include when any such obligations of Obligor under the Agreement would be due or are required to be performed, whether at maturity, upon demand, be acceleration or otherwise, in accordance with the Agreement without giving effect any stay, injunction or similar action resulting from a bankruptcy or similar proceeding or any order of any event or governmental entity affecting Obligor, such maturity demand or acceleration being deemed to have occurred upon, the taking effect of such stay, injunction or similar action.
(b) In the event Obligor shall fail to pay any amount owed to the Counterparty under the Agreement, Guarantor shall, upon written demand from Counterparty of such failure, pay or cause to be paid the amount owed within ten (10 business days of receipt of such notice. In the event payment is not made accordance with the foregoing sentence, the amount owed shall bear interest from the date of such demand until receipt of such payment at a rate per annum equal to the

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 59 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

EXHIBIT B Page 2 of 5

Prime Rate, accruing monthly.

- (c) Notwithstanding anything to the contrary herein, Guarantor's aggregate obligation to Counterparty hereunder is limited to [\_\_\_\_\_] U.S Dollars (\$\_\_\_\_) (the "Maximum Guaranteed Amount") (it being understood for purposes of calculating the Maximum Guaranteed Amount of Guarantor hereunder that any payment by Guarantor either directly or indirectly to Counterparty, pursuant to a demand made upon Guarantor by Counterparty or otherwise made by Guarantor pursuant to its obligations under this Guaranty including any indemnification obligations, shall reduce Guarantor's maximum aggregate liability hereunder on a dollar-for-dollar basis), plus costs and expenses incurred by Guaranteed party in enforcing this Guaranty. EXCEPT AS EXPRESSLY PAYABLE BY OBLIGOR PURSUANT TO THE AGREEMENT, IN NO EVENT SHALL GUARANTOR BE SUBJECT TO ANY CONSEQUENTIAL, EXEMPLARY, EQUITABLE, LOSS OF PROFITS PUNITIVE OR TORT DAMAGES.
- (d) Guarantor guarantees that the obligations of Guarantor under this Guaranty are independent of the obligations of Obligor under the Agreement, and a separate action or actions may be brought against Guarantor to enforce this Guaranty, irrespective of whether any action is brought against Obligor or whether Obligor is joined in any such action or actions. Subject to the above notice requirement, Counterparty shall have the right to proceed first and directly against Guarantor under this Guaranty without first proceeding against Obligor or exhausting any other remedies which it may have.
- (e) If any amount paid by Obligor in respect of the Guaranteed Obligations is required to be repaid by Counterparty pursuant to a court order in any bankruptcy or similar Legal Proceeding, Guarantor's Obligations hereunder shall be restored as if such payment by Obligor had never been made, and Guarantor, to the extent permitted by applicable law or order, waives the benefit of any statute of limitations affecting the enforceability of this provision of the Guaranty.
- (f) This Guaranty shall terminate upon the date that all of the Guaranteed Obligations are indefeasibly discharged. It is understood and agreed, however, that notwithstanding any such termination, this Guaranty shall continue in full force and effect with respect to all Guaranteed Obligations arising prior to such termination.
- 2. <u>Obligations Unconditional</u>. The obligations of Guarantor hereunder shall be absolute, irrevocable and unconditional and shall in no way be affected or impaired by reason of the happening from time to time of any of the following:
  - (a) the release or waiver, by operation of applicable law or order or by Counterparty, of (i) the performance or observance by Obligor of any express or implied agreement, covenant, term or condition relating to the Agreement to be performed or observed by Obligor, (ii) any other guaranter or obligor or any of the Guaranteed Obligations or (iii) any security for any Guaranteed Obligations;
  - (b) the extension of time for the payment or performance by Obligor of all or any portion of the Guaranteed Obligations or the extension of time for the performance of any other obligation under, arising out of, or in connection with, the

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 60 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

EXHIBIT B Page 3 of 5

#### Agreement;

- (c) any failure, omission, delay or lack of diligence on the part of the Counterparty to enforce, assert or exercise any right, privilege, power or remedy conferred on the Counterparty pursuant to the terms hereof or of the Agreement, respectively, or any action on the part of Obligor granting indulgence or extension of any kind;
- (d) the voluntary or involuntary liquidation, dissolution, sale of any collateral, receivership, insolvency, bankruptcy, assignment for the benefit of creditors, reorganization, arrangement, composition or readjustment of debt of, or other similar proceedings affecting, Obligor or any of the assets of Obligor;
- (e) any invalidity or unenforceability of, or defect or deficiency in, the Agreement or any of the Guaranteed Obligations;
- (f) the settlement or compromise of any obligation guaranteed hereby or hereby incurred; or
- (g) any other circumstance whatsoever that might otherwise constitute a legal or equitable discharge or defense of a guarantor, it being the intent of this Section 2 that the obligations of Guarantor with respect to the Guaranteed Obligations shall be absolute, irrevocable, unconditional and continuing under any and all circumstances.
- Waivers Guarantor hereby waives notice of acceptance of this Guaranty and of any liability to which it applies or may apply, presentment, demand for payment (except as provided in Section 1 hereunder), any right to require a proceeding first against Obligor or any other person before proceeding against Guarantor, protest, notice of nonpayment, notice of dishonor, notice of redemption and all other notices and demands (except as provided in Section 1 hereunder), and hereby consents to any extension of time of payment of the obligations under the Agreement. Guarantor waives any defenses that it may have as a result of its failure to establish adequate means of obtaining from Obligor on a continuing basis financial and other information pertaining to Obligor's business and financial condition, or Guarantor's failure to be and now and hereinafter continue to be completely familiar with the business, operation and financial condition of Obligor and its assets. Guarantor hereby waives and relinquishes any duty on the part of Counterparty to disclose to Guarantor any matter, fact or thing relating to the business, operation or financial condition of Obligor and its assets now known or hereafter known by Counterparty during the term of this Agreement. Guarantor further waives notice of, and hereby consents to, any change in, amendment to, waiver of or consent to a deviation from, any of the terms and provisions of the Agreement or any renewal, extension, increase, acceleration or other alteration of any of the Guaranteed Obligations or the taking of any security for the Guaranteed Obligations or any release thereof.
- 4. <u>Subrogation</u>. Guarantor shall be subrogated to all rights of Counterparty against Obligor in respect of any amounts paid by Guarantor pursuant to this Guaranty, provided that Guarantor will not exercise any rights it may acquire by way of subrogation under this Guaranty, by any payment made hereunder or otherwise, until all of the Guaranteed Obligations shall have been paid in full. If any amount shall be paid to Guarantor on account of such subrogation rights at any time when all the Guaranteed Obligations shall

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 61 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

EXHIBIT B Page 4 of 5

not have been paid in full, such amount shall be held in trust for the benefit of Counterparty and shall forthwith be paid to Counterparty to be applied to the Guaranteed Obligations. If (a) Guarantor shall perform and shall make payment to Counterparty of all or any part of the Guaranteed Obligations and (b) all the Guaranteed Obligations shall have been paid in full, Counterparty shall, at Guarantor's request, execute and deliver to Guarantor appropriate documents necessary to evidence the transfer by subrogation to Guarantor of any interest in the Guaranteed Obligations resulting from such payment by Guarantor.

- 5. <u>Representations and Warranties</u>. Guarantor hereby represents and warrants as follows:
  - (a) Guarantor is a company duly organized, validly existing and in good standing under the laws of \_\_\_\_ and is duly qualified to do business in, and is in good standing in, all other jurisdictions where the nature of its business or the nature of property owned or used by it make such qualification necessary.
  - (b) The execution and delivery by Guarantor of this Guaranty, and the performance by Guarantor of its obligations hereunder (i) are within Guarantor's company powers, (ii) have been duly authorized by all necessary company action and (iii) do not and will not (A) violate any provision of the charter or by-laws or other organizational documents of Guarantor, (B) violate any applicable law or order binding on or affecting Guarantor, or (C) result in a breach of, or constitute a default under, any indenture or loan or credit agreement or any other agreement, lease or instrument to which Guarantor is a party or by which it or its properties may be bound or affected.
  - (c) This Guaranty constitutes the legal, valid and binding obligation of Guarantor enforceable against Guarantor in accordance with its terms except as such enforceability may be limited by applicable bankruptcy, insolvency, reorganization, debtor relief or similar laws affecting the rights of creditors generally and the application of general principles of equity (regardless of whether considered in a proceeding in equity or at law).
- 6. <u>Amendments</u>. No amendment or waiver of any provision of this Guaranty, and no consent to any departure by Guarantor herefrom, shall in any event be effective unless the same shall be in writing and signed by both Guarantor and Counterparty.
- 7. <u>Assignment</u>. Neither Guarantor nor the Counterparty may assign its rights, interests or obligations hereunder to any other person without the prior written consent of Guarantor or Counterparty, as the case may be; <u>provided</u> that Counterparty may transfer all or any portion of its rights, interests or obligations under this Guaranty without the consent of Guarantor to any transferee of the Agreement.
- 8. <u>Governing Law</u>. This Guaranty shall be governed by, and construed in accordance with, the laws of the State of Michigan without regard to its principles of conflicts of laws.
- 9. <u>Notices</u>. Any notice required or permitted to be given hereunder shall be in writing and mailed via a nationally recognized overnight delivery service to the address as set forth in the first paragraph hereof. Notices shall be deemed effective one (1) business day after being mailed.
  - 10. Severability. The invalidity or unenforceability of any provision of this

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 62 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

EXHIBIT B Page 5 of 5

Guaranty shall not affect the remaining provisions that shall be liberally construed in order to carry out the intentions of Guarantor and Counterparty in respect of and including any provision which is invalid or unenforceable as nearly as possible.

- 11. <u>Entire Agreement</u>. This Guaranty constitutes the entire agreement between the parties and supersedes all prior agreements and understandings, both written and oral, between the parties with respect to the subject matter hereof.
- 12. <u>Miscellaneous</u>. The provisions of this Guaranty will bind and benefit the successors and permitted assigns of Guarantor and Counterparty. The term "Obligor" means both Obligor and its successors and permitted assigns pursuant to the Agreement and the term "Counterparty" means Counterparty and its successors and permitted assigns.

IN WITNESS WHEREOF, the Guarantor has caused this Guaranty to be executed by its duly authorized officer as of the day first above written.

-		-	
Ву:			
Name:			
Title:			

[GUARANTOR COMPANY NAME]

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 63 of 77 Witness: BASkowronski Date: October 2021

> EXHIBIT C Page 1 of 6

#### Exhibit C Form of Collateral Assignment

COLLATERAL ASSIGNMENT OF RENEWABLE ENERGY PURCHASE AGREEMENT
This ASSIGNMENT OF RENEWABLE ENERGY PURCHASE AGREEMENT ("Assignment Agreement") is entered into as of the day of, 20, among [Counterparty], Michigan [Legal Entity Type] (the "Borrower"), Consumers Energy Company, a Michigan corporation ("Consumers"), and [Lender Name], a [Legal Entity Type], (the "Bank"). Borrower Consumers and Bank are herein sometimes referred to individually as "Party" and collectively a "Parties" where appropriate.
WHEREAS, Consumers and Borrower entered into a Renewable Energy Purchas Agreement dated, 20 (the "REPA"), pursuant to which Consumers agreed annually purchase electric capacity, electric energy and renewable energy credits to be supplied by a [Technology Type] facility called the [Plant Name] (the "Facility");
WHEREAS, Borrower and/or one or more of its affiliates has entered into that certain [Financing Agreement], dated as of
WHEREAS, pursuant to a [Security Agreement] between the Borrower and the Bank, date as of (as amended, amended and restated, supplemented or otherwise modifier from time to time, the "Security Agreement"), the Borrower has agreed, among other things, the assign, as collateral security for the obligations of the Borrower and/or one or more of its affiliate under the Credit Agreement and related documents (collectively, the "Financing Documents"), and of its right, title and interest in, to and under the REPA to the Bank; and
WHEREAS, it is a condition precedent to the making of loans pursuant to the Cred Agreement that the Borrower and the other parties hereto execute this Assignment Agreement.
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy which are hereby acknowledged, and intending to be legally bound, the Parties hereby agree a follows:

#### 1. Assignment.

- (a) As security for the due and punctual performance and payment of all of the Borrower's obligations under the Credit Agreement, the Borrower hereby assigns to the Bank all of the Borrower's right, title and interest in, to and under the REPA, and Consumers hereby consents to such assignment. Unless expressly provided otherwise in this Assignment Agreement, nothing in the Credit Agreement shall in any way amend, alter or otherwise affect any rights of Consumers under the REPA.
- (b) The Bank shall be entitled (but not obligated) to exercise all rights and to cure all defaults of the Borrower under the REPA, subject to applicable notice and cure periods provided in the REPA and as set forth herein. Upon receipt of written notice from the Bank,

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 64 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

EXHIBIT C Page 2 of 6

Consumers agrees to accept such exercise and cure by the Bank if timely made by the Bank under the REPA and this Assignment Agreement. In the event the Bank or its designee(s) or assignee(s) succeed to the Borrower's interest under the REPA, the Bank or its designee(s) or assignee(s) shall cure all then-existing payment or other performance defaults under the REPA. The Bank and its designee(s) or assignee(s) shall then have the right to assign its interest in the REPA to a person or entity to whom the Borrower's interest in the Facility is transferred, provided that (i) such transferee assumes and can perform all of the then-outstanding obligations of the Borrower under the REPA, (ii) the transferee provides the credit support required under the REPA, and (iii) such transferee has at least three (3) years' experience operating facilities similar to the Facility or has contracted with an operations and maintenance provider having such experience. Upon such assignment, the Bank and its designee(s) or assignee(s) (including their agents and employees) shall be released from any further liability thereunder accruing from and after the date of such assignment, to the extent of the interest assigned. Notwithstanding any such further assignment and assumption of the obligations of the Borrower under the REPA by such party, the Bank shall remain liable for the obligations of the Borrower under the REPA which arose during the period in which the Bank assumed the Borrower's obligations under the REPA.

- (c) Upon an event of default or breach by the Borrower in the performance of any of its obligations under the REPA, or upon the occurrence or non-occurrence of any event or condition under the REPA which would immediately or with the passage of any applicable grace period or the giving of notice enable Consumers to terminate the REPA (hereinafter, a "Default"), Consumers shall not terminate the REPA until it first gives written notice of such Default to the Bank and affords the Bank (i) ten (10) days, in the case of a Default for failure to pay amounts to Consumers which are due and payable under the REPA and (ii) thirty (30) days, in the case of any Default not included in clause (i), the opportunity cure such Default. Each of the periods in the foregoing clauses (i) and (ii) shall begin on the later of (A) the expiration of the Borrower's cure period under the REPA (if any) and (B) the date of the Bank's receipt of notice of such Default from Consumers. Consumers and the Borrower each agree that unless and until Consumers receives written notice from the Bank as set forth in Section 1(b) above, the Bank shall not be deemed by virtue of the execution and delivery of this Assignment Agreement to have assumed any of the obligations of the Borrower under the REPA.
- If (i) possession of the Facility is necessary to cure such Default or (y) if the Default can only be cured by the Borrower and is not curable by the Bank, such as the bankruptcy of the Borrower or the consolidation, amalgamation or merger of the Borrower into, or transfer of all or substantially all of its assets to, another entity which fails to assume the obligations of the Borrower under the REPA, and, in each such case, the Bank or its successor(s), assignee(s) and/or designee(s) declares an "Event of Default" under the Credit Agreement and notifies Consumers in writing that the Bank has commenced foreclosure or other legal proceedings necessary to take possession of the Facility, the Bank will be allowed a reasonable period to both commence (not to exceed thirty (30) days) and complete (not to exceed one hundred fifty (150) additional days) such proceedings, provided that, if the Default can only be cured by the Borrower and is not curable by the Bank as described above, the Bank shall be entitled to assume the rights and obligations of the Borrower under the REPA and provided such assumption occurs, and if the Bank cures any other pending defaults by the Borrower, Consumers shall not be entitled to terminate the REPA as a result of such Default. If the Bank or its successor(s), assignee(s) and/or designee(s) is prohibited by any court order or bankruptcy or insolvency proceedings of the Borrower from curing the Default or from commencing or prosecuting such proceedings, the foregoing time periods shall be extended by the period of such prohibition, provided that the Bank or its successor(s), assignee(s) and/or designee(s) is pursuing relief from such prohibition with due dispatch. Consumers shall recognize the Bank or its designee(s) or assignee(s) as the applicable party under the REPA provided that the Bank or its designee(s) or assignee(s) assume the obligations of the Borrower under the REPA; and provided further that the Bank or its

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 65 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

EXHIBIT C Page 3 of 6

designee(s) or assignee(s) has a creditworthiness or total credit support at least equal to that of the Borrower as of the date hereof.

- (e) In the event that the REPA is rejected by a trustee or debtor-in-possession in any bankruptcy or insolvency proceeding, and if, within thirty (30) days after such rejection, the Bank shall so request, Consumers will negotiate with the Bank in good faith in an effort to execute and deliver to Bank a new power purchase agreement reasonably agreeable to Consumers and the Bank, which shall be on as reasonably similar terms and conditions as the original REPA for the remaining term of the original REPA before giving effect to such rejection, and which shall require the Bank to cure any defaults then existing under the original REPA.
- (f) In the event the Bank or its designee(s) or assignee(s) elect(s) to succeed to the Borrower's interest under the REPA, or enter into a new power purchase agreement as provided in Section 1(e) above, the recourse of Consumers against the Bank or its designee(s) and assignee(s) shall be limited to such party or parties' interests in the Facility, the credit support provided or required under the REPA, and any remedies available to Consumers under the new power purchase agreement if entered into between Consumers and the Bank or its designee(s) or assignee(s) as provided in Section 1(e) above.
- (g) This Assignment Agreement shall not be deemed to release or to affect in any way the obligations of the Borrower or Consumers under any provisions of the REPA, except as expressly set forth in this Assignment Agreement. No assumption of the Borrower's obligations under the REPA by the Bank or any further designee or assignee shall release the Borrower from its obligations to Consumers under the REPA.

#### 2. Delivery of Notices

Consumers agrees that it will promptly notify the Bank of any termination or default under the REPA concurrently with providing such notice to the Borrower, or as soon as reasonably practicable thereafter.

#### 3. Default and Cure

Notwithstanding the remainder of this Assignment Agreement, there shall be no cure period allowed the Bank in the event of termination of the REPA by Consumers pursuant to Sections 5.3 and 10.1 thereof.

#### 4. Payment.

Consumers and the Borrower agree that until receipt of written notice from the Bank that all obligations under the Credit Agreement have been fully satisfied, Consumers will make all payments due to the Borrower under the REPA directly to the following account at the Bank:

Account No.		

#### Successor and Assigns.

This Assignment Agreement shall bind and inure to the benefit of the Parties to this Assignment Agreement and their respective successors, transferees and assigns. No termination, amendment, or variation of any provisions of this Assignment Agreement shall be

Exhibit No.: A-3 (BAS-3)
Page: 66 of 77
Witness: BASkowronski
Date: October 2021

Case No.: U-20165

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

EXHIBIT C Page 4 of 6

effective unless in writing and signed by the Parties hereto. No waiver of any provisions of this Assignment Agreement shall be effective unless in writing and signed by the Party waiving any of its rights hereunder. All rights of the Parties hereto shall terminate without the requirement for any writing upon the "[Discharge Date]" under the Credit Agreement, which the Borrower agrees to provide to each other Party promptly after the occurrence thereof.

#### 6. Applicable Law.

The construction, performance and validity of this Assignment Agreement shall be governed by the laws of the State of Michigan (excluding the laws applicable to conflicts or choice of law). Each of the Bank, Consumers and the Borrower hereby submits to the non-exclusive jurisdiction of the United States District Court for the Eastern District, Southern Division of Michigan and of any Michigan State Court sitting in Jackson, Michigan for the purpose of all legal proceedings arising out of or relating to this Assignment Agreement or the transactions contemplated hereby. As of the date hereof, Consumers represents that the REPA is a legal, valid and binding obligation of Consumers. In the event any provision of this Assignment Agreement or the obligations of any of the Parties hereto, shall be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions, or the obligations of the other Parties hereto, shall not in any way be affected or impaired thereby.

#### 7. Waiver.

Unless otherwise specifically provided by the terms of this Assignment Agreement, no delay or failure to exercise a right resulting from any breach of this Assignment Agreement shall impair such right or shall be construed to be a waiver thereof, but such right may be exercised from time to time and as often as may be deemed expedient. Any waiver shall be in writing and signed by the Party granting such waiver. If any representation, warranty or covenant contained in this Assignment Agreement is breached by any Party and thereafter waived by the other Parties, such waiver shall be limited to the particular breach so waived and shall not be deemed to waive any other breach under this Assignment Agreement.

#### 8. Counterparts.

This Assignment Agreement (and each amendment, modification and waiver in respect of it) may be executed and delivered in multiple counterparts (including by facsimile transmission), each of which will be deemed an original and all of which shall constitute one and the same instrument. Any document generated by the Parties with respect to this Assignment Agreement, including this Assignment Agreement, may be imaged and stored electronically and introduced as evidence in any proceeding as if original business records. None of the Parties hereto will object to the admissibility of such images as evidence in any proceeding on account of having been stored electronically.

#### 9. Notices.

All written notices provided for in this Assignment Agreement shall be mailed by registered or certified mail, return receipt requested, or delivered by hand to the Borrower, Consumers and the Bank at the following addresses or such other address as may be designated in a written notice by the addressee:

If to the Borrower:

<sup>&</sup>lt;sup>1</sup> To be on or about date of commercial operation under REPA.

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 67 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

EXHIBIT C Page 5 of 6

Attention:
<del></del>
If to Consumers:
Consumers Energy Company Attention: Keith G. Troyer, Director of EGI Contracts and Settlements
1945 West Parnall Road Jackson, MI 49201
If to the Bank:
Attention:
<del></del>

All such notices shall be effective when delivered.

# 10. Entire Agreement

This Assignment Agreement shall completely and fully supersede all prior undertakings or agreements, both written and oral, between the Parties with respect to the assignment of the REPA in so far as the obligations and rights of the Borrower and Consumers are concerned.

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 68 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

EXHIBIT C Page 6 of 6

IN WITNESS WHEREOF, this Assignment Agreement has been executed on behalf of the undersigned Parties by their respective representatives thereunto duly authorized as of the date first above written.

(I	Borrower Name)
Ву <u>:</u>	
Its:	(Name)
	(Title)
CONS	UMERS ENERGY COMPANY
Ву:	(1)
Its:	(Name)
	(Title)
	(Bank Name)
Ву <u>:</u>	
Its:	(Name)
	(Title)

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 69 of 77 Witness: BASkowronski Date: October 2021

> EXHIBIT D Page 1 of 2

#### **Exhibit D Form of Estoppel Certificate**

#### **ESTOPPEL CERTIFICATE**

Pursuant to the	hat certain Renev	vable Energy Pเ	ırchase Agr	eement, dated	l as of [ <i>Date</i>	,
entered into betweer	n Consumers Ene	ergy Company, a	a Michigan c	corporation (to	gether with it	S
successors and assi	igns, the " <u>Contra</u>	icting Party"), a	nd	, a Michigan	company (th	е
"Project Company"),	the Contracting	Party hereby	delivers th	nis Estoppel	Certificate t	0
	_ (the " <u>Project</u>	Company"),		(th	ne " <u>Collatera</u>	<u>al</u>
Agent") and		(the " <u>Equity</u>	Investor")	and hereby co	onfirms to th	е
Project Company, th	e Collateral Ager	nt and Equity Inv	estor that:			

- (a) No default, or event that with notice and passage of time will become a default, by the Contracting Party nor, to its actual knowledge, the Project Company exists under that certain Renewable Energy Purchase Agreement, dated as of [*Date*], between the Contracting Party and the Project Company (as amended, amended and restated, supplemented or otherwise modified from time to time in accordance with the terms hereof and thereof, the "<u>PPA</u>");
- (b) Contracting Party hereby consents to the transfer of the membership interests in Project Company to Equity Investor. Furthermore, Contracting Party hereby agrees that such transfer of the membership interests to Equity Investor shall not constitute a default by Project Company;
- (c) As of the date hereof, (i) the PPA is in full force and effect and has not been amended, supplemented or modified, (ii) there are no disputes or legal proceedings between the Contracting Party and the Project Company and there are no proceedings pending or, to its actual knowledge, threatened against or affecting the Contracting Party in any court or by or before any governmental authority or arbitration board or tribunal which could reasonably be expected to have a material adverse effect on the ability of the Contracting Party to perform its obligations under the PPA, (iii) to the Contracting Party's actual knowledge the Contracting Party is not aware of any event, act, circumstance or condition constituting an event of force majeure under the PPA, (iv) to the Contracting Party's actual knowledge the Project Company

MICHIGAN PUBLIC SERVICE COMMISSION Consumers Energy Company

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 70 of 77

Witness: BASkowronski Date: October 2021

> EXHIBIT D Page 2 of 2

does not owe any indemnity or other payments to the Contracting Party and the Contracting Party has no existing counterclaims, offsets or defenses against the Project Company under the PPA, (v) the Contracting Party has not made any payments to the Project Company in respect of liquidated damage, warranty or indemnity claims, (vi) the Contracting Party has not transferred, pledged or assigned, in whole or in part, any of its right, title or interest in, to and under the PPA and (vii) to the Contracting Party's actual knowledge, the obligations of the Project Company under the PPA required to be performed on or before the date hereof have

been properly performed or expressly waived in writing; and

(d) The Contracting Party is a Michigan corporation which is duly incorporated, validly existing and in good standing under the laws of Michigan and has all requisite power and authority to conduct, execute, deliver and perform its obligations under the PPA and this certificate, and the execution, delivery and performance by the Contracting Party of the PPA and this certificate have been duly authorized by all necessary company action on the part of the Contracting Party and do not require any approvals, filings with or consents of any entity or person which have not previously been obtained or made. There are no actions pending against the Contracting Party under the bankruptcy or any similar laws of the United States or any state.

**IN WITNESS WHEREOF**, the Contracting Party has caused this certificate to be executed by its undersigned authorized officer as of **[Month]**\_, **[Year]**.

**CONSUMERS ENERGY COMPANY**, a Michigan corporation

By:		
Name:		
Title:		

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 71 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

EXHIBIT E Page 1 of 1

# **Exhibit E Energy Purchase Price Schedule**

The Energy Purchase Price for Delivered Energy shall be the rate as determined in the table below. Notwithstanding the foregoing, the Energy Purchase Price for Delivered Energy shall be reduced from the amounts shown in the following table, if applicable, in accordance with Exhibit I.

Planning Year (Commencing on June 1 of the Stated Year)	Energy Purchase Price \$/MWh
2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040	\$ 34.30 \$ 34.3
2041 2042 2043	\$ <u>34.30</u> \$ <u>34.30</u> \$ <u>34.30</u>

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 72 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

## **Exhibit F Monthly Escrow Payment**

Beginning with the Billing Month in which the Commercial Operation Date occurs, Buyer will retain during each Billing Month a portion of the energy compensation until the interest-bearing account equals or exceeds the Early Termination Security Amount identified in Exhibit A. Interest on the monthly escrow payments shall accrue at the Interest Rate. Buyer will continue to retain such funds to achieve and maintain a security for continued performance. The amount retained each month shall be determined in accordance with the following formula:

Monthly Escrow Payment (\$) = \$3.50/MWh x Delivered Energy

All monthly escrow payments and accumulated interest shall be retained in the interest-bearing account until the Early Termination Security Amount is reached (the "Full Funding"). Once the interest-bearing account has Full Funding, Buyer will not retain any portion of the monthly energy compensation; however, accumulated interest will continue to be held in the interest-bearing account.

Monthly escrow payments will be held by Buyer from Commercial Operation Date through the first Billing Month of the Planning Year that begins one year after 60% of the Contract Term has been completed (the "Refund Period"), at which point Seller will no longer be obligated to continue making monthly escrow payments. The balance in the interest-bearing account will be disbursed to the Seller over the remaining term of the Agreement. Beginning with the first Billing Month of the Refund Period, Buyer will pay Seller the monthly escrow payment in each successive Billing Month using the formula above. Any amounts, including accumulated interest, remaining in the interest-bearing account after termination of this Agreement shall be paid by Buyer to Seller on the final Billing Month settlement of the Agreement.

Upon termination pursuant to Section 10 of the Agreement after the Commercial Operation Date, Buyer shall retain all remaining funds in the interest-bearing account to the extent necessary to satisfy Seller's obligation to pay the Early Termination Security Amount.

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 73 of 77 Witness: BASkowronski Date: October 2021

DocuSign Envelope ID: 9F1E7863-5A3D-4A1B-A0B8-25F692B3247A

EXHIBIT G Page 1 of 1

# Exhibit G Legal Description of Plant Site

The Plant Site shall be located on the following parcel of real property: The Plant Site shall be located on the following parcel of real property:

Including but not limited to Sections 3, 14, 15, 21, 22, 23, 27 Township 2S Range 3W Jackson County, Michigan.

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 74 of 77 Witness: BASkowronski Date: October 2021

> EXHIBIT H Page 1 of 2

# **Exhibit H Form of Construction Report**

Construction Report Date		
Project Name		
Developer/Owner		
Construction start date		
Projected COD		
PPA effective date		
<b>Earnest Money Deposit Date</b>		
Interconnection		
	GIA Execution Date	
	Facilities Construction Agreement	
	Execution Date	
Metering Requirements		
	Meter Type	
	Meter Data Management Agent	
	(Developer or Third Party, please	
	provide company name):	
	Renewable Energy Credit Qualified	
	Reporting entity (Developer or Third	
	Party, please provide company name):	
	namej.	
Environmental Permits		
Environmental Permits	Date Soil Erosion Permits Approved:	
Environmental Permits		
Environmental Permits	Date Soil Erosion Permits Approved: Date Drain Agreements Approved (if Applicable):	
Environmental Permits	Date Drain Agreements Approved (if	
Environmental Permits	Date Drain Agreements Approved (if Applicable):	
Environmental Permits	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved	
Environmental Permits	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable):	
	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval:	
Environmental Permits  Major Procurements Completed Dat	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval:	
	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval:  es Date Main Power Transformer	
	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval:	
	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval:  es  Date Main Power Transformer Contract Executed: Date Solar Panel Procurement	
	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval:  es  Date Main Power Transformer Contract Executed:	
Major Procurements Completed Dat	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval:  es  Date Main Power Transformer Contract Executed: Date Solar Panel Procurement Contract Executed:	
Major Procurements Completed Dat	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval: es Date Main Power Transformer Contract Executed: Date Solar Panel Procurement Contract Executed:	te (PCOD)
Major Procurements Completed Dat	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval:  es Date Main Power Transformer Contract Executed: Date Solar Panel Procurement Contract Executed: om Projected Commercial Operation Da 12 months to PCOD	te (PCOD)
Major Procurements Completed Dat	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval:  es Date Main Power Transformer Contract Executed: Date Solar Panel Procurement Contract Executed: om Projected Commercial Operation Da 12 months to PCOD	te (PCOD)
Major Procurements Completed Dat	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval: es Date Main Power Transformer Contract Executed: Date Solar Panel Procurement Contract Executed: om Projected Commercial Operation Da 12 months to PCOD 11 months to PCOD	te (PCOD)
Major Procurements Completed Dat	Date Drain Agreements Approved (if Applicable): Date Road Use Agreement Approved (if Applicable): Date all Zoning Permits Final Approval:  es Date Main Power Transformer Contract Executed: Date Solar Panel Procurement Contract Executed: om Projected Commercial Operation Da 12 months to PCOD	te (PCOD)

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 75 of 77 Witness: BASkowronski Date: October 2021

> EXHIBIT H Page 2 of 2

	7 months to PCOD	
	6 months to PCOD	
	5 months to PCOD	
	4 months to PCOD	
	3 months to PCOD	
	2 months to PCOD	
	1 month to PCOD	
	15 days to PCOD	
COD Process		
	Start of Construction Electrical	
	Testing Date:	
	Generation of First Test Energy	
	Date(s):	
	Projected Commercial Operation	
	Date:	

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 76 of 77 Witness: BASkowronski Date: October 2021

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#### Exhibit I Value Added Criteria Guarantees

Buyer represents that this Agreement was entered into as a result of a competitive solicitation administered in accordance with Buyer's Integrated Resource Plan. Seller acknowledges that the proposal submitted in the solicitation which resulted in the negotiation and execution of this Agreement contained certain guarantees regarding the Plant that Seller has, or will, demonstrate to Buyer as provided herein and resulted in Seller receiving a higher Energy Purchase Price under this Agreement because of each Value Added Criteria included in its proposal. Seller acknowledges that failure to meet any Value Added Criteria claimed in the proposal will result in a decrease to the Energy Purchase Price by 110% of the respective amount awarded for such Value Added Criteria offered in the competitive solicitation as such monetary adjustment is identified in the applicable Value Added Criteria below. Such adjustments are cumulative to the extent that the applicable Value Added Criteria guarantees are not met.

Check all Value Added Criteria claims that apply to the Plant and this Agreement:

# **Brownfields** \_ 1. Seller guarantees the facility meets the requirements for a brownfield but contamination only exceeds Residential Criteria and not Non-Residential Criteria. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to meet this criterion will result in a decrease in the Energy Purchase Price of \$0.275/MWh for the entire term of the Agreement. 2. Seller guarantees the facility meets the requirements for a brownfield but contamination present on the site can be managed with due care only (e.g., soil management, deed restrictions). Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to meet this criterion will result in a decrease in the Energy Purchase Price of \$0.165/MWh for the entire term of the Agreement. 3. Seller guarantees the facility meets the requirements for a brownfield and "A No Further Action" has been obtained from Department of Environment, Great Lakes, and Energy. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to meet this criterion will result in a decrease in the Energy Purchase Price of \$0.275/MWh for the entire term of the Agreement.

X 4. Seller guarantees the site will contain a minimum of 25% pollinator vegetation for the entire term of the Agreement. Seller will provide proof of this guarantee to the Buyer with reasonable visual, documented, and/or inspection of confirmation at the Buyer's discretion. Failure to meet this criterion will result in a decrease in the Energy Purchase Price of \$0.11/MWh for the entire term of the Agreement.

#### **Distributed Generation Connect for Supply Value**

1. Seller guarantees that the Plant will be interconnected to Consumers Energy's electric distribution system at a voltage of 46kV and below. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to demonstrate meeting this criterion will result in a decrease in the Energy Purchase Price of \$0.715/MWh for the entire term of the Agreement.

#### **Michigan Content**

X 1. Seller guarantees 50% of all project materials are sourced from Michigan-based companies and manufactured or assembled in Michigan. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's reasonable discretion. Failure to demonstrate meeting this criterion will result in a decrease in the Energy Purchase Price of up to

Case No.: U-20165 Exhibit No.: A-3 (BAS-3) Page: 77 of 77 Witness: BASkowronski Date: October 2021

\$1.683/MWh for the entire term of the Agreement. This guarantee and associated Energy Purchase Price reduction is based on a linear scale with 50% or more achieving the entire Value Added Criteria (for example, if Seller promises 50% and the Project achieves 40%, the Energy Purchase Price will be reduced by  $(50\%-40\%)/50\% = 0.2 \times $1.683 = $0.337$ ).

#### Michigan Labor

X 1. Seller guarantees 80% construction in field labor hours are completed by Michigan Residents. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to demonstrate meeting this criterion will result in a decrease in the Energy Purchase Price of up to \$1.177/MWh for the entire term of the Agreement. This guarantee and associated Energy Purchase Price reduction is based on a linear scale with 80% or more receiving the entire Value Added Criteria (for example, if Seller promises 80% and the Project achieves 70%, the Energy Purchase Price will be reduced by (80%-70%)/80% = .125 x \$1.177 = \$0.147).

#### **Prevailing Wage**

X 1. Seller guarantees that prevailing wage is provided for construction labor only. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to demonstrate meeting this criterion will result in a decrease in the Energy Purchase Price of \$1.177/MWh for the entire term of the Agreement.

#### Dispatchable

\_\_\_\_ 1. Seller guarantees that the Plant can be available to dispatch up to 100% and down to no more than 70% of its installed capacity 24 hours a day, 7 days a week at the dispatch direction of Consumers Energy. Failure to demonstrate meeting this criterion will result in a decrease in the Energy Purchase Price of \$1.815/MWh for the entire term of the Agreement.

#### Located in Designated Low-Income Area

\_\_\_\_\_1. Seller guarantees the project is 100% located within a county within Consumers Energy's service territory that has 40% or greater population that is at 200% of poverty as listed in the Low Income Exhibit within the Company's 2020 RFP. Seller will provide proof of this guarantee to Buyer with reasonable documentation of the location of all Plant equipment for such qualification at the Buyer's discretion. Failure to demonstrate meeting this criterion will result in a decrease in the Energy Purchase Price of \$0.82/MWh for the entire term of the Agreement.

#### **Existing Facilities**

\_\_\_\_ 1. Seller guarantees the project is an existing facility. Seller will provide proof of this guarantee to Buyer with reasonable documentation of such qualification at the Buyer's discretion. Failure to demonstrate meeting this criterion will result in a decrease in the Energy Purchase Price of \$0.627/MWh for the entire term of the Agreement.

#### MICHIGAN PUBLIC SERVICE COMMISSION

Consumers Energy Company

Forecast Cost and Market Value of Power Purchase Agreement with Cereal City Solar, LLC

Case No.: U-20165 Exhibit No.: A-4 (BAS-4) Page: 1 of 1

Witness: BASkowronski Date: October 2021

Line	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)
Formula						(b * d) + (c * e)				(f) + (i)			(b * k) + (c * l)		(b * k) + (c * l) + (b * n)
FOITIIUIA	Year	Generation	Capacity	Energy Rate	Capacity Rate	Energy and Capacity Cost	Estimated Bundled Rate	FCM Cap	FCM <sup>1</sup> (@5.88%)	Total Cost (including FCM) <sup>2</sup>	Energy Value	Capacity Value <sup>2</sup>	Energy and Capacity Value	Value Added Criteria	Total Value
		MWh	ZRC-year	(\$/MWh)	(\$/ZRC-Year)	\$	\$/MWh	\$/MWh	\$	\$	\$/MWh	\$/ZRC-Year	\$	\$/MWh Credit	\$
1	2023	122,292	50.0	35.26	51,700	6,897,014	56.40	\$59.38	405,544	7,302,558	29.63	73,972	7,322,663	2.14	7,584,368
2	2024	207,140	50.0	35.26	51,700	9,888,751	47.74	\$59.38	581,459	10,470,209	30.18	75,452	10,023,278	2.14	10,466,557
3	2025	205,536	50.0	35.26	51,700	9,832,193	47.84	\$59.38	578,133	10,410,326	30.38	76,961	10,091,238	2.14	10,531,085
4	2026	204,498	50.0	35.26	51,700	9,795,591	47.90	\$59.38	575,981	10,371,572	31.71	78,500	10,410,160	2.14	10,847,786
5	2027	203,460	50.0	35.26	51,700	9,758,989	47.97	\$59.38	573,829	10,332,818	33.15	80,070	10,747,750	2.14	11,183,154
6	2028	202,976	50.0	35.26	51,700	9,741,942	48.00	\$59.38	572,826	10,314,768	33.69	81,672	10,921,716	2.14	11,356,085
7	2029	201,384	50.0	35.26	51,700	9,685,785	48.10	\$59.38	569,524	10,255,309	34.62	83,305	11,136,997	2.14	11,567,958
8	2030	200,346	50.0	35.26	51,700	9,649,183	48.16	\$59.38	567,372	10,216,555	35.56	84,971	11,372,000	2.14	11,800,739
9	2031	199,308	50.0	35.26	51,700	9,612,581	48.23	\$59.38	565,220	10,177,801	35.56	84,971	11,335,091	2.14	11,761,609
10	2032	198,813	50.0	35.26	51,700	9,595,133	48.26	\$59.38	564,194	10,159,326	35.56	84,971	11,317,496	2.14	11,742,955
11	2033	197,231	50.0	35.26	51,700	9,539,377	48.37	\$59.38	560,915	10,100,293	35.56	84,971	11,261,273	2.14	11,683,348
12	2034	196,193	50.0	35.26	51,700	9,502,775	48.44	\$59.38	558,763	10,061,538	35.56	84,971	11,224,364	2.14	11,644,218
13	2035	195,155	50.0	35.26	51,700	9,466,173	48.51	\$59.38	556,611	10,022,784	35.56	84,971	11,187,455	2.14	11,605,087
14	2036	194,649	50.0	35.26	51,700	9,448,323	48.54	\$59.38	555,561	10,003,885	35.56	84,971	11,169,455	2.14	11,586,004
15	2037	193,079	50.0	35.26	51,700	9,392,969	48.65	\$59.38	552,307	9,945,276	35.56	84,971	11,113,637	2.14	11,526,826
16	2038	192,041	50.0	35.26	51,700	9,356,367	48.72	\$59.38	550,154	9,906,522	35.56	84,971	11,076,728	2.14	11,487,696
17	2039	191,003	50.0	35.26	51,700	9,319,765	48.79	\$59.38	548,002	9,867,767	35.56	84,971	11,039,819	2.14	11,448,565
18	2040	190,485	50.0	35.26	51,700	9,301,514	48.83	\$59.38	546,929	9,848,443	35.56	84,971	11,021,415	2.14	11,429,053
19	2041	188,927	50.0	35.26	51,700	9,246,561	48.94	\$59.38	543,698	9,790,259	35.56	84,971	10,966,000	2.14	11,370,304
20	2042	187,889	50.0	35.26	51,700	9,209,959	49.02	\$59.38	541,546	9,751,505	35.56	84,971	10,929,091	2.14	11,331,174
21	2043	186,851	50.0	35.26	51,700	9,173,357	49.09	\$59.38	539,393	9,712,751	35.56	84,971	10,892,182	2.14	11,292,043
22	2044	186,322	50.0	35.26	51,700	9,154,705	49.13	\$59.38	538,297	9,693,002	35.56	84,971	10,873,374	2.14	11,272,103
23	2045	184,775	50.0	35.26	51,700	9,100,153	49.25	\$59.38	535,089	9,635,242	35.56	84,971	10,818,364	2.14	11,213,782
24	2046	183,737	50.0	35.26	51,700	9,063,551	49.33	\$59.38	532,937	9,596,488	35.56	84,971	10,781,455	2.14	11,174,652
25	2047	182,699	50.0	35.26	51,700	9,026,949	49.41	\$59.38	530,785	9,557,734	35.56	84,971	10,744,546	2.14	11,135,521
26	2048	75,650	-	35.26	-	2,667,433	35.26	\$59.38	156,845	2,824,278	35.56	-	2,689,810	2.14	2,851,702
27	Total	4,872,437				236,427,096				250,329,009			272,467,356		282,894,372
28						j	Average	PPA & FCM Co	ost (\$/MWh)	51.38			Average PPA	Value (\$/MWh)	58.06
29								e PPA & FCM (	,,,,	2,503,290				A Value (\$/MW) <sup>3</sup>	2,828,944
							, ,,,,,,,,,	,=	(\$/*)	2,505,250			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2,020,3 . 1
30						ļ	Leveliz	ed Cost of Ene	ergy (\$/MWh)	51.51			Cos	t-to-Value Ratio <sup>4</sup>	88.5%

#### Notes:

- 1 Financial Compensation Mechanism is estimated as the annual generation multiplied by the lesser of column (g) and (h) multiplied by 5.88%
- 2 Assumes full capacity payment in Year 1 and no capacity payment in Year 26
- 3 Calculated as the total cost (including FCM) or total value (including value added criteria credit) divided by 100 MW contract capacity
- 4 Calculated as the total cost (column j) divided by the energy and capacity value (column 0)

#### MICHIGAN PUBLIC SERVICE COMMISSION

Consumers Energy Company

Forecast Cost and Market Value of Power Purchase Agreement with Jackson County Solar LLC

Case No.: U-20165 Exhibit No.: A-5 (BAS-5) Page: 1 of 1

Witness: BASkowronski Date: October 2021

Line	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)
Formula						(b * d) + (c * e)				(f) + (i)			(b * k) + (c * l)		(b * k) + (c * l) + (b * n)
rominia	Year	Generation	Capacity	Energy Rate	Capacity Rate	Energy and Capacity Cost	Estimated Bundled Rate	FCM Cap	FCM <sup>1</sup> (@5.88%)	Total Cost (including FCM) <sup>2</sup>	Energy Value	Capacity Value <sup>2</sup>	Energy and Capacity Value	Value Added Criteria	Total Value
		MWh	ZRC-year	(\$/MWh)	(\$/ZRC-Year)	\$	\$/MWh	\$/MWh	\$	\$	\$/MWh	\$/ZRC-Year	· ,	\$/MWh Credit	\$
1	2024	243,536	62.50	34.30	51,700	11,584,546	47.57	59.38	681,171	12,265,717	30.18	75,452	12,064,732	3.77	12,982,865
2	2025	241,657	62.50	34.30	51,700	11,520,070	47.67	59.38	677,380	12,197,451	30.38	76,961	12,150,425	3.77	13,061,470
3	2026	240,442	62.50	34.30	51,700	11,478,418	47.74	59.38	674,931	12,153,349	31.71	78,500	12,531,304	3.77	13,437,771
4	2027	239,228	62.50	34.30	51,700	11,436,766	47.81	59.38	672,482	12,109,247	33.15	80,070	12,934,263	3.77	13,836,152
5	2028	238,666	62.50	34.30	51,700	11,417,480	47.84	59.38	671,348	12,088,828	33.69	81,672	13,144,962	3.77	14,044,732
6	2029	236,799	62.50	34.30	51,700	11,353,461	47.95	59.38	667,584	12,021,044	34.62	83,305	13,404,370	3.77	14,297,103
7	2030	235,585	62.50	34.30	51,700	11,311,809	48.02	59.38	665,134	11,976,943	35.56	84,971	13,687,099	3.77	14,575,254
8	2031	234,371	62.50	34.30	51,700	11,270,156	48.09	59.38	662,685	11,932,841	35.56	84,971	13,643,922	3.77	14,527,499
9	2032	233,795	62.50	34.30	51,700	11,250,414	48.12	59.38	661,524	11,911,938	35.56	84,971	13,623,457	3.77	14,504,864
10	2033	231,942	62.50	34.30	51,700	11,186,851	48.23	59.38	657,787	11,844,638	35.56	84,971	13,557,567	3.77	14,431,988
11	2034	230,727	62.50	34.30	51,700	11,145,199	48.30	59.38	655,338	11,800,537	35.56	84,971	13,514,390	3.77	14,384,232
12	2035	229,513	62.50	34.30	51,700	11,103,547	48.38	59.38	652,889	11,756,435	35.56	84,971	13,471,213	3.77	14,336,477
13	2036	228,924	62.50	34.30	51,700	11,083,348	48.41	59.38	651,701	11,735,049	35.56	84,971	13,450,275	3.77	14,313,319
14	2037	227,084	62.50	34.30	51,700	11,020,242	48.53	59.38	647,990	11,668,232	35.56	84,971	13,384,858	3.77	14,240,966
15	2038	225,870	62.50	34.30	51,700	10,978,590	48.61	59.38	645,541	11,624,131	35.56	84,971	13,341,681	3.77	14,193,211
16	2039	224,656	62.50	34.30	51,700	10,936,937	48.68	59.38	643,092	11,580,029	35.56	84,971	13,298,503	3.77	14,145,455
17	2040	224,053	62.50	34.30	51,700	10,916,282	48.72	59.38	641,877	11,558,160	35.56	84,971	13,277,092	3.77	14,121,774
18	2041	222,227	62.50	34.30	51,700	10,853,632	48.84	59.38	638,194	11,491,826	35.56	84,971	13,212,148	3.77	14,049,944
19	2042	221,013	62.50	34.30	51,700	10,811,980	48.92	59.38	635,744	11,447,724	35.56	84,971	13,168,971	3.77	14,002,189
20	2043	219,798	62.50	34.30	51,700	10,770,328	49.00	59.38	633,295	11,403,623	35.56	84,971	13,125,794	3.77	13,954,433
21	2044	91,027	-	34.30	-	3,122,216	34.30	59.38	183,586	3,305,803	35.56	-	3,236,527	3.77	3,579,698
22	Total	4,720,913				226,552,272				239,873,546			267,223,553		285,021,396
23						ı	Average	PPA & FCM C	oct (¢ /\4\\/b\	50.81			Average DDA	Value (\$/MWh)	60.37
									111					,,,,	
24							Averag	e PPA & FCM	LOST (\$/IVIW)	1,918,988	L		Average PP	A Value (\$/MW) <sup>3</sup>	2,280,171
25							Leveliz	ed Cost of Ene	ergy (\$/MWh)	50.80			Cos	t-to-Value Ratio <sup>4</sup>	84.2%

#### Notes:

- 1 Financial Compensation Mechanism is estimated as the annual generation multiplied by the lesser of column (g) and (h) multiplied by 5.88%
- 2 Assumes full capacity payment in Year 1 and no capacity payment in Year 21
- 3 Calculated as the total cost (including FCM) or total value (including value added criteria credit) divided by 125 MW contract capacity
- 4 Calculated as the total cost (column j) divided by the energy and capacity value (column 0)

	rs Energy Cor Requirement		ue of 2018 l	RP 400 MW Solar Cost				Exhibit No.: Page: Witness: Date:
Line	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h) (b * e) + (c * f) +
Formula								(b * g)
	Year	Generation	Capacity	Total Revenue Requirements	Energy Value	Capacity Value	Value Added Criteria	Energy and Capacity Value
		MWh	ZRC-year	\$	\$/MWh	\$/ZRC-Year	\$/MWh Credit	\$
1	2023	697,296	200.0	76,762,507	37.20	74,528.72	-	40,845,155
2	2024	693,810	200.0	69,747,697	37.25	76,019.29	-	41,048,263
3	2025	690,323	200.0	65,238,836	39.33	77,539.68	-	42,658,341
4	2026	688,718	200.0	62,146,755	40.75	79,090.47	-	43,883,365
5	2027	683,350	200.0	59,588,807	42.63	80,672.28	-	45,265,670
6	2028	679,864	200.0	57,432,672	44.34	82,285.73	-	46,602,297
7	2029	676,377	200.0	56,075,673	45.80	83,931.44	-	47,764,360
8	2030	674,734	200.0	55,120,671	47.18	85,610.07	-	48,955,972
9	2031	669,404	200.0	54,170,531	47.74	87,322.27	-	49,421,809
10	2032	665,918	200.0	53,225,352	50.00	89,068.72	-	51,109,627
11	2033	662,431	200.0	52,285,231	50.75	90,850.09	-	51,788,402
12	2034	660,750	200.0	51,350,269	52.46	92,667.09	-	53,196,366
13	2035	655,458	200.0	50,420,569	53.54	94,520.43	-	53,997,321
14	2036	651,972	200.0	49,496,237	54.97	96,410.84	-	55,121,056
15	2037	648,485	200.0	48,577,378	56.31	98,339.06	-	56,184,018
16	2038	646,766	200.0	47,664,103	57.95	100,305.84	-	57,541,253
17	2039	641,512	200.0	46,756,522	59.58	102,311.96	-	58,683,696
18	2040	638,026	200.0	45,854,749	60.77	104,358.20	-	59,644,470
19	2041	634,539	200.0	44,958,376	61.98	106,445.36	-	60,620,213
20	2042	632,782	200.0	44,068,023	63.22	108,574.27	-	61,720,444
21	2043	627,566	200.0	43,183,811	64.48	110,745.75	-	62,617,467
22	2044	624,080	200.0	42,305,862	65.77	112,960.67	-	63,639,415
23	2045	620,593	200.0	41,434,301	67.09	115,219.88	-	64,677,206
24	2046	618,798	200.0	40,569,254	68.43	117,524.28	-	65,846,754
25	2047	613,620	200.0	39,710,852	69.79	119,874.77	-	66,801,222

27	Average Solar Cost (\$/MWh)	79.17
28	Average Solar Cost (\$/MW)	3,245,363

Levelized Cost of Energy (\$/MWh)

16,397,173

MICHIGAN PUBLIC SERVICE COMMISSION

Average Solar Value (\$/MWh)	82.31
Average Solar Value (\$/MW)	3,374,085

Cost-to-Value Ratio<sup>1</sup>

1,349,634,163

96.2%

Case No.: U-20165

A-6 (BAS-6) 1 of 1 BASkowronski October 2021

Notes:

29

26

Total

1,298,145,038

84.57

<sup>1</sup> Calculated as the total cost (column d) divided by the energy and capacity value (column h)

### STATE OF MICHIGAN

#### BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the applicat CONSUMERS ENERGY (		)	Case No. U-20165		
for approval of its integrate	d resource plan	)			
pursuant to MCL 460.6t and	d for other relief	)			
		<u>)</u>			
	PROOF O	F SERVICE			
STATE OF MICHIGAN	)				
	) SS				
COUNTY OF JACKSON	)				

Crystal L. Chacon, being first duly sworn, deposes and says that she is employed in the Legal Department of Consumers Energy Company; that on October 19, 2021, she served an electronic copy of Consumers Energy Company's Application with Testimony, Affidavit, and Exhibits of Company witness Beth A. Skowronski upon the persons listed in Attachment 1 hereto, at the e-mail addresses listed therein.

Crystal J. Chacon
Crystal L. Chacon

Subscribed and sworn to before me this 19th day of October, 2021.

Jennifer Joy Yocum, Notary Public

State of Michigan, County of Jackson My Commission Expires: 12/17/24 Acting in the County of Jackson

## ATTACHMENT 1 TO CASE NO. U-20165

## **Administrative Law Judge**

Hon. Sharon L. Feldman Administrative Law Judge 7109 West Saginaw Highway Post Office Box 30221 Lansing, MI 48909

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# **ATTACHMENT 1 TO CASE NO. U-20165 (Continued)**

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# **ATTACHMENT 1 TO CASE NO. U-20165 (Continued)**

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