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April 24, 2019

Ms. Kavita Kale
Executive Secretary
Michigan Public Service Commission
7109 West Saginaw Highway
Post Office Box 30221
Lansing, MI 48909

RE: Case No. U-20444 – In the Matter of the Application of Consumers Energy Company for a partial waiver of the Electric Interconnection and Net Metering Standards.

Dear Ms. Kale:

Enclosed for electronic filing in the above-captioned case, please find **Consumers Energy Company's Supplemental Filing in Support of Application for Partial Waiver of Interconnection Standards.**

This is a paperless filing and is therefore being filed only in PDF. I have enclosed a Proof of Service showing electronic service upon the parties.

Sincerely,

Emerson J. Hilton

cc: Hon. Sharon L. Feldman, Administrative Law Judge
Parties per Attachment 1 to Proof of Service

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the Matter of the application of)
CONSUMERS ENERGY COMPANY)
for a partial waiver of the Electric)
Interconnection and Net Metering)
Standards.)
_____)

Case No. U-20444

CONSUMERS ENERGY COMPANY'S
SUPPLEMENTAL FILING IN SUPPORT OF
APPLICATION FOR PARTIAL WAIVER OF INTERCONNECTION STANDARDS

In response to a dramatic shift in Michigan's electric interconnection landscape over the past two years, Consumers Energy Company ("Consumers Energy" or the "Company") seeks a limited waiver of the Michigan Public Service Commission's ("MPSC" or the "Commission") current Electric Interconnection and Net Metering Standards ("Interconnection Standards"), Mich Admin Code R 460.601a *et seq.* Since filing its initial application ("Application") on January 18 of this year, the Company has made substantial progress toward completing all outstanding interconnection application reviews, engineering reviews, and distribution system studies. A concerted effort by the Company and its employees has contributed to this progress, as has, among other things, a leveling off in the pace of interconnection applications and study requests in 2019. There is still much work to be done, however, and Consumers Energy remains partially behind schedule in meeting the deadlines established by the current Interconnection Standards. There remains good cause for a limited waiver of certain provisions in the Interconnection Standards, and a waiver remains in the public interest, as it will facilitate the Company's ability to catch up fully by the end of 2019, and to avoid time-consuming, distracting, and fruitless litigation.

Consumers Energy appreciates the opportunity to submit this supplemental filing in support of its Application, as requested by the Commission in its April 10, 2019 Order in this proceeding (“April 10 Order”).

I. Background

In its April 10 Order, the Commission denied the Company’s waiver request as it pertained to Category 1 and Category 2 interconnection applications – i.e., applications for projects no larger than 150 kW, which are typically proposed by prospective net metering customers. Consumers Energy does not dispute this partial denial of its waiver request, and, at least under present circumstances, the Company concurs that it is reasonable to carve smaller interconnection applications out of any partial waiver of the current Interconnection Standards. Consumers Energy will therefore continue to process Category 1 and Category 2 interconnection applications in accordance with the current Interconnection Standards.¹

With respect to Category 3, Category 4, and Category 5 projects – typically projects proposed by commercial developers – the Commission’s April 10 Order asked Consumers Energy to provide the following additional information in support of its waiver request:

(1) using the format of the company’s generator interconnection status report, the current status of each Category 3, 4, and 5 project in the company’s interconnection queue explaining each project’s specific phase of interconnection

¹ Consumers Energy does note, however, that processing Category 1 and Category 2 interconnection applications requires additional interconnection staff time and resources. On average, reviewing one of these smaller applications requires two hours of staff time if the original application is complete. However, in reality, almost every Category 1 and Category 2 application must be reviewed and processed at least twice due to incomplete or flawed original submissions. With the volume of these applications averaging well over 100 per month, the corresponding amount of processing time is not insignificant. At least one Company interconnection employee and two contract employees work almost exclusively on Category 1 and Category 2 interconnection applications. Continuing to comply with the Interconnection Standards’ timelines for these applications will reduce to some degree the amount of internal resources that can be allocated to completing outstanding interconnection applications for larger projects.

and whether the company is awaiting a response or action by the interconnection applicant or the interconnection applicant is awaiting a response or action by the company;

(2) details regarding the organization and process used to prioritize the three-part interconnection queue and how project status information is being communicated to applicants; and

(3) details as to how the company plans to accomplish completion of all outstanding studies by the end of 2019.

April 10 Order at pages 14-15. The Company welcomes the chance to provide this additional information and does so below.

II. Information Requested by the MPSC

A. Interconnection Status Report

The Company has made substantial progress since January 18 in processing interconnection applications and completing interconnection studies. Attached as **Exhibit A** to this supplemental filing is the status report requested by the MPSC in its April 10 Order. This report presents the current status of all Category 3, Category 4, and Category 5 interconnection applications submitted to the Company since the beginning of 2017. Applications are listed in order of initial receipt by Consumers Energy, with the earliest applications listed at the top of the report and the most recent applications listed at the bottom. As requested by the Commission, Column N presents the current overall status of each application and Column O identifies the current “task owner” of each application. If the current task owner is Consumers Energy – identified as “CE” in the report – then the project proponent is currently waiting for a response from the Company. If the current task owner is the developer, then Consumers Energy is currently waiting for a response from the project proponent. Where “N/A” is provided in this column, it reflects an application that (i) has been deemed ineligible, (ii) has been withdrawn, or (iii) resulted in an executed interconnection agreement.

For explanatory purposes, Consumers Energy provides the following notes on the status report:

- Column F identifies the date on which Consumers Energy received each interconnection application; that is the date on which the Company first had both an application and the required corresponding application payment in hand.
- Column G of the status report states whether Consumers Energy has determined each application to be complete, as required by the Interconnection Standards.² See Mich Admin Code R 460.620(4). For those applications the Company has determined to be complete, Column H provides the date on which the completeness determination was provided to the developer. For those applications not yet determined to be complete, the Company in many instances has had various communications with the project developer, sometimes stretching over years, in an effort to obtain all required information for a complete application. The current Interconnection Standards do not impose a deadline on developers for responding to requests for additional information from the Company. As such, a failure to determine that an application is complete within 10 days of the initial application submittal date does not mean the Company failed to respond to the developer within that 10-day period. Consumers Energy is currently waiting for a response from the developers of 104 large projects for which applications were previously deemed incomplete.³ Of the 183 currently-incomplete applications for large projects in the Company's overall interconnection queue

² Applications classified as "ineligible" in Column G are for projects located outside of Consumers Energy's service territory.

³ References to "large" projects in this filing are to Category 3, Category 4, and Category 5 projects, collectively.

submitted since 2017, which include applications presently under review, half of those have been incomplete for more than 120 days.

- Where relevant, Column I of the status report states whether the Company has completed an engineering review for each application, and Column J provides the date on which completed engineering reviews were provided to applicants. The Interconnection Standards give the Company 10 business days from the date of an application completeness determination to further determine whether an engineering review is required. Mich Admin Code R 460.620(5). The Interconnection Standards then give applicants six months to decide whether to sign an agreement with the Company to proceed with an engineering review. *Id.* The amount of time that elapses between an application completeness determination and completion of an engineering review, therefore, does not reflect solely the amount of time it took for the Company to complete an engineering review upon request by the project developer. In more than a few instances, Consumers Energy has waited months for developers to sign, return, and pay for engineering review agreements after they are originally provided by the Company following an application completeness determination. Consumers Energy is currently waiting for executed engineering review agreements from 52 large projects for which agreements have been provided to developers; of those, just under half have been in developers' hands for more than 220 days. Of the 367 executed engineering agreements the Company has received since 2017 for projects in its queue, 20 percent of those were not executed for more than 110 days after they were provided to the respective developers.

- Where relevant, Column K of the status report states whether the Company has completed a distribution system study for each application, and Column L identifies the date on which completed studies were provided to project proponents. As with engineering reviews, the Interconnection Standards provide applicants with six months in which to decide whether to proceed with a distribution system study after Consumers Energy determines that a study is needed and provides an estimated cost for the study. Mich Admin Code R 460.620(7). And also as with engineering reviews, the Company has often waited months for applicants to indicate whether they wish to proceed with distribution system studies. Consumers Energy is currently waiting for executed distribution system study agreements from 121 large projects for which agreements have been provided to developers; of those, more than a third have been in developers' hands for more than 90 days. The amount of time between completion of an engineering review and completion of a distribution system study, therefore, does not reflect solely the amount of time it has taken for Consumers Energy to complete a distribution system study. Of the 146 distribution system studies for which the Company has received executed agreements since 2017, approximately two-thirds – 95 agreements – were not executed by developers until more than 110 days passed after the Company provided them.
- Column M presents the status of an interconnection agreement for each application. The current Interconnection Standards do not impose any deadline on applicants to request an interconnection agreement following receipt of a completed distribution system study. Nor do the current Interconnection Standards impose a deadline on Consumers Energy to provide applicants with interconnection agreements or to

execute such agreements. Instead, the Interconnection Standards require only that a project actually be interconnected “within a mutually agreed upon time period.” Mich Admin Code R 460.620(10). As a matter of practice, Consumers Energy generally informs developers that the results of distribution system studies are valid for six months, consistent with the timeline for validity of engineering reviews under Mich Admin Code R 460.620(7). As of today, the Company has completed 114 distribution system studies for developers that have not yet requested interconnection agreements for the corresponding projects. Consumers Energy is not seeking a waiver of the Interconnection Standards with respect to interconnection agreements, but provides this information to the Commission for reference.

- As described previously, Columns N and O, respectively, provide the current status of each application and state whether the developer is waiting for a response from Consumers Energy or the Company is waiting for a response from the developer. As of the date of this filing, out of 604 pending interconnection applications for large projects, Consumers Energy is waiting for a response from the developers of 401, or 66%, of those projects. Importantly, of the 149 pending applications originally submitted in 2017, the Company is currently waiting on responses from the developers of 112, or 75%, of those projects.⁴

⁴ “Pending” applications do not include those for which “N/A” is listed in Column O of **Exhibit A**.

It is important to note that the status report does not in and of itself show the progress made by Consumers Energy and its interconnection staff since the Company filed its Application on January 18. That progress is shown in the following table:

	January 18, 2019			April 24, 2019		
	Oldest Due Date	Business Days Outstanding	Quantity Outstanding	Oldest Due Date	Business Days Outstanding	Quantity Outstanding
Application Completeness	09/10/2018	88	94	03/08/2019	34	50
Engineering Review	06/06/2018	154	144	12/11/2019	94	77
Distribution System Study	04/13/2018	191	92	05/01/2019	0	0

The Company has cut in half the number of outstanding application completeness determinations and engineering reviews since January 18. More notably, Consumers Energy has completed all outstanding distribution system studies since January 18. The Company has made this progress despite the continued influx of applications in 2019, meaning that much more work has been performed overall than what is reflected in the table above. This progress has been enabled by a combination of redoubled efforts by Company staff to meet an aggressive processing schedule; by a leveling off in the pace of new applications; by increasing the skill and training of staff hired or promoted to replace departing employees; and by resolving the distraction caused by several unexpected technical issues in the latter half of 2018.⁵

On the other hand, there are still many applications under review and studies yet to be completed and released, including for projects where the application determination and study

⁵ These technical issues included system protection criteria violations and the discovery that numerous developers had submitted one-line diagrams not properly sealed by a licensed Michigan professional engineer. See Application at ¶¶ 11, 17.

results are not yet past due. The following table shows the number of interconnection tasks that remain due – and not necessarily overdue – in the Company’s overall interconnection queue:

	Outstanding Requests	Total Pending Requests
Application Completeness	50	79
Engineering Review	77	88
Distribution System Study	0	15

As discussed in more detail below, many complete applications are likely to result in additional engineering review requests, and many additional engineering reviews are likely to result in additional distribution system study requests. Likewise, nearly 200 study agreements are currently in developers’ hands, and many of those may turn into study requests. The Company continues to receive many new interconnection applications as well. Despite the real progress made since January, Consumers Energy expects to have outstanding interconnection applications in its queue, at various phases of the process, for some time to come. The progress made by Consumers Energy staff since January is a clear indication of the Company’s commitment to complete processing of outstanding interconnection applications for large projects submitted since 2017. But, it is not an indication that a waiver is no longer needed.

B. Details Regarding Three-Part Interconnection Process

In its January 18 Application, Consumers Energy explained that it reviews interconnection applications using a three-part process in which a separate queue is established for each of the three phases. See Application at ¶¶ 15-16. The Commission’s April 10 Order requested additional details regarding this three-part interconnection process, as well as additional information about how Consumers Energy communicates project status to developers. April 10 Order at pages 14-15. Below, the Company explains (i) the structure and purpose of the

three-part process, (ii) how resources are allocated among various stages of the interconnection process, and (iii) how Consumers Energy communicates with project developers during the process.

1. Structure and Purpose of Three-Part Process

As described in the Company's January 18 Application, Consumers Energy employs a three-part interconnection queue in order to satisfy the requirements of the current Interconnection Standards while also ensuring fairness to individual project proponents.⁶ See Application at ¶¶ 12-16. In addition to complying with the process and deadlines mandated by the current Interconnection Standards, the Company also strives to achieve the following principal objectives: (i) maintaining procedures that preserve a maximum degree of queue order certainty for project developers; (ii) not allowing the delay of any particular developer to cause cascading delays for other developers' applications; and (iii) allocating sufficient time and expertise to interconnection studies to ensure safety and system reliability. Consumers Energy's three-part queue structure is the result of a sustained effort by the Company to seek a balance between these objectives while also operating within the constraints of Interconnection Standards that were not designed to accommodate the volume of interconnection applications now faced by the Company. The Interconnection Standards do not require a queuing process for interconnection applications, and they do not require the Company to balance the interests of one project developer against those of another; the Company has simply made its best effort to do so in the interests of fairness and certainty.

For example, while queue order is of great importance to project developers, it would also be unfair to developers to move applications through the entire interconnection process in

⁶ The Company's three-part interconnection queue and the corresponding discussion in this filing is largely inapplicable to applications for Category 1 and Category 2 projects, since these projects typically proceed from an application completeness determination directly to an interconnection agreement.

strict accordance with the order of application receipt. That is because the Interconnection Standards impose no deadline on developers to submit a revised application after the Company has determined an application is incomplete, and because developers are similarly given six months in which to agree to the performance of an engineering review after the Company determines such a study is required. If developers with a higher initial queue position were allowed to hold up all projects with lower queue positions while taking a year to complete an application, or while taking a full six months to commit to an engineering review, the entire process could, and probably would, grind to a halt. As shown on **Exhibit A**, one project for which a developer submitted an application more than two years ago, in April 2017, remains in the application completeness phase due to long periods of developer inactivity in the past. If Consumers Energy strictly adhered to a single queue based on application submission date, every one of the hundreds of subsequent projects would still be waiting on that particular developer to complete its application.

For this reason, while Consumers Energy always maintains an overall interconnection queue based on the original date of application submission, it also establishes and adheres to separate queues at each phase of the interconnection process. The overall interconnection queue is reflected by the reference numbers provided to each project upon original submission; these numbers are shown in Column A of **Exhibit A**. But, in addition, the Company has separate queues for the application completeness phase, the engineering review phase, and the distribution system study phase.

First, queuing for the application completeness phase is initially based on the overall queue order determined by date of application. Application completeness determinations are provided to developers in the order applications are originally received. However, when an

application is determined to be incomplete and the developer does not quickly correct any deficiencies, the developer loses its position in the application completeness queue because the Company moves on to provide completeness determinations to projects farther down this particular queue. When a revised application is submitted or deficiencies are otherwise corrected following an initial determination of incompleteness, the project re-enters the application completeness queue according to the date on which the revised application is received. This is in accordance with the current Interconnection Standards, which require Consumers Energy to determine the completeness of new or revised interconnection applications within ten business days. See Mich Admin Code R 460.620(4).

Second, queuing for the engineering review phase is based upon the order in which the Company receives a developer's agreement to proceed with an engineering review along with the corresponding payment. When agreements are submitted on the same day, the "tie" is broken according to the date of each developer's original application submission (this is one reason why an overall interconnection queue is maintained at all times). Engineering reviews are released by the Company in the order of this specific queue for the engineering review phase. This ensures that developers who decide expeditiously to move ahead with engineering reviews are not held up behind developers that take months to make the same decision.

Third, queuing for the distribution system study phase mirrors that for the engineering review phase. Developers that more quickly agree to and pay for a distribution system study are assigned a higher queue order for this phase of the process than developers that take months to decide whether to agree to a distribution system study and pay the requisite fee.

In general, developers who move through the overall interconnection process quickly and diligently are able to retain their initial relative queue position throughout the process. But it is

also true that a developer assigned a late queue position in the engineering review phase due to delaying its agreement to perform an engineering review may later be able to earn an earlier queue position in a later phase by moving swiftly to agree to a distribution system study. Regardless, this procedure respects the importance of queueing in the interconnection process while ensuring that developers who are more responsive can move their projects more quickly to completion of the process than developers who move slowly.

Another point regarding interconnection queuing bears specific mention: at each phase of Consumers Energy's three-part interconnection queue, application completeness determinations and interconnection studies are not always completed in queue order, but they are always released in queue order. As explained below, most of the Company's interconnection staff is assigned to perform work in all phases of the interconnection process. So, for example, if two engineers are assigned five engineering reviews apiece, there are a number of reasons why those ten engineering reviews might be completed out of queue order – including each engineer's relative work load and the complexity of individual studies. There are times when an engineering review might be completed, therefore, but not released until all engineering reviews with a higher queue priority are also completed and released in queue order for the engineering review phase. This also can, and sometimes does, apply to application completeness determinations and distribution system studies.

2. Allocation of Company Resources in the Interconnection Process

To better understand the Company's interconnection process, it is important also to understand how Consumers Energy allocates and prioritizes its internal resources among each interconnection phase and individual tasks in each phase. It is equally important to understand how specific considerations for each interconnection application can affect both how

assignments are made and the speed with which applications can be processed. Again, most Consumers Energy interconnection staff are assigned work in all phases of the interconnection process. But the individual expertise and overall workload of the Company's interconnection staff is not uniform, since almost all employees assigned to interconnection work also have responsibility for other duties within the Company.⁷

For example, some interconnection staff have particular expertise regarding the Company's high-voltage distribution ("HVD") system, which operates differently and is governed by different standards than the Company's low-voltage distribution ("LVD") system for which other engineers have particular expertise. Planning, modeling, engineering, and system protection standards for the HVD system are not the same as those that are applicable to the LVD system. Engineers who work on HVD issues typically have different training and qualifications, and, in fact, are part of different department sections, than engineers who work on LVD issues. Yet both HVD and LVD engineers serve in interconnection roles because both systems are implicated by the hundreds of interconnection applications for large projects submitted to Consumers Energy since 2017. Indeed, at a minimum, the Company's interconnection staff includes members of the following departments and groups: LVD Substation Planning & Reliability (six engineers and one analyst), LVD Planning (various engineers who sometimes consult by request), HVD Planning (seven engineers, soon to be eight), System Protection (five engineers), Models and Dynamics (typically one engineer), and Distribution Agreements (two engineers and two analysts).⁸

⁷ For example, planning engineers have significant responsibility for interconnection studies, but they also have responsibility for evaluating new retail customer connections, ensuring adequate system capacity, planning expansion of the Company's distribution system, and identifying and resolving criteria violations on that system.

⁸ Within the Distribution Agreements department, there are also four contract employees who work on interconnection applications; two of those contract employees work almost exclusively on Category 1 and Category 2 interconnection applications.

At any given time, an LVD engineer may be able to complete interconnection studies more quickly than an HVD engineer, or vice versa, leading to the occasional completion of interconnection studies out of queue order. In other words, the differing requirements for LVD and HVD interconnections, and the different staffing that is required, can impact the overall speed with which studies can be completed and in what order. Consumers Energy works to make staff assignments in a way that maximizes efficiency and closely adheres to queue order, but interconnection studies are simply not widgets of a uniform nature that can be built in a factory by staff of identical qualifications and expertise. This, of course, is where the Company must balance compliance with the Interconnection Standards, and the importance of queueing, against the need to perform studies in a way that ensures safety and system reliability. There are no higher priorities for the Company than safety and reliability.⁹

The Company's allocation of interconnection staffing resources is also impacted by other considerations, including project geography, system protection, specific aspects of individual interconnection applications, and shifting demand among the three interconnection phases. Familiarity with geographic regions can ensure quicker and more accurate studies, for instance, and the Company works to assign studies to engineers who best understand the specific local configuration of the system in a particular area.¹⁰ But that consideration can be outweighed when there is a surge in interconnection applications for a particular geographic location; such

⁹ This is one reason why interconnection studies are sometimes completed by the Company out of queue order. Again, however, studies are always released in the queue order for each phase of the interconnection process, regardless of the order in which they are completed. This allows Consumers Energy to adhere to its three-phase queue process while also accommodating the inherent variability of staffing resources and expertise.

¹⁰ Both the LVD Substation Planning & Reliability department and the HVD Planning department have "east" and "west" groups to take advantage of individual engineers' local knowledge of specific areas of the Company's distribution system. Local knowledge of the system is important to completing the various tasks assigned to these departments – including interconnection work – in an efficient manner that ensures safety and reliability.

cases may require calling on engineers to work on applications in areas where they have less geographic expertise.

In other instances, interconnection applications may require extra consideration by system protection engineers due to the proposed location and configuration of a particular project. And in still other instances, Company resources may be allocated more heavily to interconnection applications that, due to specific project size or configuration, are more complex than other applications and/or may require input or clarification from developers. Resource allocation must also consider shifting demand among individual interconnection phases, as where numerous developers submit initial applications for completeness review, or request engineering reviews, in a short period of time.¹¹

In sum, Consumers Energy must account for many variables when allocating its interconnection resources, and each of these variables can impact the Company's ability to process applications in a uniform order and within uniform periods of time. These variables increase the difficulty for Consumers Energy in balancing its key objectives – preservation of queue order, fairness to developers, safety and reliability – against strict compliance with the current Interconnection Standards. Processing an unprecedented volume of interconnection applications in perfect order, with perfect predictability and uniformity, remains a significant challenge for the Company. Still, Consumers Energy has devoted much time, attention, and resources to allocating and prioritizing interconnection work in the most efficient and effective manner possible, and the Company will continue to do so as it works to complete all outstanding work as quickly as possible.

¹¹ There are also periods of time in which Consumers Energy attempts to be responsive to waves of informal complaints regarding a particular type of outstanding study. In response to fielding a number of complaints regarding outstanding distribution system studies, for example, the Company may temporarily focus additional resources on that category of outstanding studies.

3. Communication of Project Status

Consumers Energy communicates frequently with project developers regarding the status of interconnection applications. First, the Company maintains an interconnection status report that is posted publicly on its website and updated approximately once per month. This status chart, similar to **Exhibit A**, does not list projects by name or identify project developers. However, it does list projects according to their application reference numbers; those numbers can be used by developers to identify their own projects and the status of their applications.

Second, Consumers Energy communicates with developers about application status at each milestone of the interconnection process. When an application is determined to be complete or incomplete, or when an engineering review or distribution system study is complete, the Company promptly communicates that status to developers – in the appropriate queue order for each phase – and informs them of any necessary next step in the process.

Third, the Company communicates with developers about application status on an as-requested basis. Project developers frequently inquire about the status of specific projects in the interconnection process, and Consumers Energy works diligently to provide responses to these inquiries as soon as practicable. It is always possible to identify project status at a high level – e.g., that an engineering review is still underway – but it is not always possible to provide applicants with an accurate target date for a next milestone. That is because, as described above, the Company’s allocation of resources and the pace of application processing are highly dependent on the nature of specific applications under review at any given point.

Still, Consumers Energy’s communication with project developers is usually not limited to simple statements of application status. When an application is determined to be incomplete, for example, the Company often provides a detailed rationale for its determination and identifies

additional information that must be submitted to make the application complete. Even where an application is determined to be complete, developers are often provided with a list of information that must be updated or clarified in order to facilitate an engineering review. These communications require a substantial commitment of time and analysis by Consumers Energy interconnection staff, and they are intended to provide developers with information that will ultimately expedite the interconnection process and facilitate a successful interconnection. If the Company communicated only the status of a given application at each milestone, developers would have less information to guide their evaluation of the potential success of individual projects.

In addition to communicating with developers regarding the status of interconnection applications, the Company frequently fields inquiries from developers regarding application completeness and interconnection study results. When a developer raises questions about study results, the Company typically schedules a telephone conference to discuss the developer's questions. These inquiries tend to involve a variety of technical issues that cannot be answered immediately or in detail by the Company, and instead require clarification, discussion, and further analysis. Consumers Energy attempts to answer these inquiries as fully and expeditiously as possible, but also must balance the time needed to provide such answers against other demands on the time of its interconnection staff – including processing of other interconnection applications.

C. Details Regarding 2019 Interconnection Completion Plan

As stated in its Application, it is Consumers Energy's goal to complete the processing of all outstanding interconnection applications prior to the end of 2019, if not sooner. Application at ¶ 30. The Company has made real progress since filing its Application, as discussed above,

and it is currently on pace to meet this goal. Consumers Energy's plan to accomplish this goal largely consists of sustaining the ongoing effort that has enabled it to make such progress to date in 2019.

In a best case scenario, where all variables remained constant, it is possible that Consumers Energy could complete processing of all currently outstanding interconnection applications by the end of July 2019. This is due, in part, to a leveling off in the pace of new interconnection applications in 2019. The Company received 229 applications for Category 3, Category 4, and Category 5 projects from January 1 to April 24, 2018, while the corresponding number for 2019 is 78. Progress to date in 2019 is also the result of having finally ensured that all interconnection applications include valid one-line diagrams sealed by a professional engineer licensed in Michigan, and by gaining more familiarity with system protection criteria violations discovered to be a problem for certain applications in late 2018. See Application at ¶¶ 11, 17. This progress has also been enabled by the increased skill and expertise of Consumers Energy staff hired or promoted to replace former interconnection employees who departed the Company in 2018.

In addition, since January, the Company has opened a new engineer position in the HVD Planning department and awarded a contract for outside engineering assistance to support the interconnection process. Consumers Energy plans to assign a first batch of six studies to its new contractor in May 2019. The Company expects this outside engineering assistance to be helpful, but it is certainly not a panacea because outside engineers do not have local knowledge of, or significant experience with, the Consumers Energy distribution system. Consumers Energy engineers have had more training, and have more experience and expertise, with running system models and developing projects (and cost estimates) on the

Company's system. At least initially, outside engineering contractors will need to be trained, and their work will need to be reviewed by Consumers Energy staff. Such training and reviews will potentially reduce the amount of time Company staff can spend directly on interconnection applications.

Also, as noted in the Company's initial Application, hiring outside contractors will probably increase costs for interconnection applicants because, for most large projects, the Interconnection Standards allow Consumers Energy to pass on its actual costs in performing engineering reviews and distribution system studies. See Mich Admin Code R 460.618(1). Consumers Energy has historically passed on a low cost for performing interconnection studies. For example, the Company now charges \$1,200 for an engineering review where the applicant proposes an LVD interconnection. But the overall cost of the same study, when performed by a new contractor and reviewed by Consumers Energy staff, is estimated to be about four times higher. Similarly, the actual cost for an engineering review on an HVD connection, when performed by the contractor and reviewed by the Company, is expected to be approximately double the current cost of \$5,000.

Ultimately, despite the progress made to date in 2019, a limited waiver of the current Interconnection Standards is still needed because all relevant variables are not likely to remain constant and Consumers Energy cannot plan on a best case scenario. For example, there are currently 52 engineering review agreements and 121 distribution system study agreements out with project developers, and therefore it is not known at this time how many additional studies the Company will be requested to perform. If all of these agreements are returned in the next few months, a large number of studies will have to be performed by the end of 2019. The same is true of all applications currently in the Company's queue: many completed applications for

larger projects will result in additional engineering reviews, and many completed engineering reviews will then result in the need to perform additional distribution system studies.¹² There are 88 pending engineering reviews at this time, for example, that will probably all require distribution system studies later in 2019.

The pace of new interconnection applications could also increase, requiring additional staff time for completeness determinations. It is not possible to predict month-over-month shifts in the pace of interconnection applications, and such shifts have, in the past, hindered the Company's ability to process interconnection applications. It is not unheard of, for example, for Consumers Energy to receive dozens of applications and/or study requests in a single day, often from a single developer. That kind of day-to-day variability cannot be predicted, and such a "slug" of applications or study requests would likely cause new challenges for the Company's ability to process applications expeditiously.

For example, just reviewing a Category 4 or Category 5 interconnection application typically involves 1-2 hours by HVD or LVD planning staff alone; additional staff time is spent in the 2-hour technical consultation required by the Interconnection Standards, application and payment processing, compiling comments, and communication with developers. Roughly speaking, 50 additional applications submitted at any given time would easily result in 100 or more hours of application processing time, all of which, under the Interconnection Standards, must be completed within 10 business days of application submission (i.e., 80 business hours). Additional time would be needed for those applications – usually a high percentage – that require revision and resubmission. This, in turn, would cause cascading impacts to the workload of Consumers Energy interconnection staff, as each

¹² Historically, most large projects require engineering reviews, and most engineering reviews performed for large projects have resulted in the need to perform subsequent distribution system studies.

engineering review requires a minimum of four hours of staff time and each distribution system study requires a minimum of ten hours of staff time, not including time spent answering developer questions about study results or other administrative tasks.

Another variable is still emerging at this time – namely, the additional workload requirement for projects that request interconnection agreements. Currently, distribution system studies have been completed for 114 projects that have not yet requested interconnection agreements. If and when agreements are requested, interconnection staff time will be needed to draft and finalize agreements and agreement exhibits.

Yet another variable that could impact the Company's ability to process interconnection applications is pending and threatened litigation. At least two complaints by project developers are now pending against Consumers Energy, and both complaints will likely involve interconnection issues that will require increased work load for interconnection staff.

In sum, the Company still faces a large volume of interconnection applications, and many variables will continue to pose challenges to completing all outstanding interconnection work and adhere to the timelines of the Interconnection Standards. A partial waiver of those standards is still warranted. On the other hand, while the Company's January 2019 Application in this proceeding proposed a 90-day moratorium on interconnection application processing if and when the Commission issued a partial waiver of the current Interconnection Standards, Consumers Energy no longer proposes that moratorium. See Application, ¶¶ 32-33. Consumers Energy will continue to devote substantial time and attention to interconnection applications while its waiver request is pending, and that will continue unabated at such time that the Commission grants a waiver. If the Commission does grant a partial waiver of the Interconnection Standards,

moreover, the Company reiterates its offer to provide monthly updates on its progress toward completing all outstanding applications.

III. Conclusion

Consumers Energy appreciates the opportunity to provide additional information to the Commission in this supplemental filing, and the Company reiterates its request for a partial waiver of the current Interconnection Standards. As explained in its January 2019 Application, there is good cause for the Company's requested waiver because Michigan's electric interconnection landscape has shifted dramatically over the past two years. Developers have submitted an unprecedented number of interconnection applications to Consumers Energy in the past two years, and these applications have increasingly involved larger and more complex projects. A limited waiver of the current Interconnection Standards is also in the public interest because it will allow Consumers Energy to protect system function and reliability for its customers; to ensure the safety of its employees and the public; and to provide fairness and certainty for the Company, its customers, and interconnection applicants during the ongoing transformation of Michigan's electric generation portfolio.

Respectfully submitted,

CONSUMERS ENERGY COMPANY

Dated: April 24, 2019

By:

Timothy J. Sparks
Vice President
Electric Grid Integration
Consumers Energy Company

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Jackson, Michigan 49201
Attorney for Consumers Energy Company
(517) 788-1241

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the Matter of the application of)
CONSUMERS ENERGY COMPANY)
for a partial waiver of the Electric)
Interconnection and Net Metering)
Standards.)
_____)

Case No. U-20444

VERIFICATION

Timothy J. Sparks states that he is Vice President-Electric Grid Integration of Consumers Energy Company; that he has executed the foregoing filing for and on behalf of Consumers Energy Company; that he has read the foregoing filing 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 filing on behalf of Consumers Energy Company.

Dated: April 24, 2019

Timothy J. Sparks
Vice President
Electric Grid Integration

EXHIBIT A

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Reference Number	Category	Type	MVA	County	Application Received	Application Completeness Status	Application Completeness Date	Engineering Review Status	Engineering Review Completion Date	Distribution Study Status	Distribution Study Completion Date	Interconnection Agreement Status	Overall Status	Task Owner
CE1700019	5	Landfill-gas	3.2000	WASHTENAW	2/22/2017	Complete	03/08/17	N/A	N/A	Complete	08/30/2017	Complete	Interconnection Agreement Complete	N/A
CE1700031	5	Solar	25.5000	SHIAWASSEE	3/9/2017	Complete	04/14/17	Complete	09/22/2017	Complete	08/22/2017		Distribution Study Complete	Developer
CE1700038	3	Biofuel	0.3600	GENESEE	3/20/2017	Complete	05/04/17	N/A	N/A	Complete	N/A	Complete	Interconnection Agreement Complete	N/A
CE1700044	5	Solar	40.0000	OCEANA	3/31/2017	Ineligible	04/14/17						Application Ineligible	N/A
CE1700050	5	Solar	26.6000	WASHTENAW	4/3/2017	Complete	04/21/17						Application Complete	Developer
CE1700051	5	Solar	20.0700	JACKSON	4/3/2017	Complete	04/21/17	Complete	06/12/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1700052	5	Solar	13.3800	JACKSON	4/3/2017	Complete	04/21/17						Application Complete	Developer
CE1700053	5	Solar	26.6000	LENAAWEE	4/3/2017	Complete	04/21/17	Complete	02/26/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700054	5	Solar	13.3800	JACKSON	4/3/2017	Incomplete							Application Incomplete	Developer
CE1700055	5	Solar	26.6000	ALLEGAN	4/3/2017	Complete	04/21/17	Complete	02/26/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700056	5	Solar	20.0000	EATON	4/3/2017	Ineligible	04/21/17						Application Ineligible	N/A
CE1700074	3	Solar	0.3000	OTTAWA	5/5/2017	Complete	05/15/17	Complete	05/18/2017	N/A	N/A	Complete	Interconnection Agreement Complete	N/A
CE1700112	3	Solar	0.2480	KENT	6/13/2017	Complete	06/29/17	N/A	N/A	N/A	N/A	Complete	Interconnection Agreement Complete	N/A
CE1700134	4	Solar	2.0000	MISSAUKEE	7/6/2017	Complete	07/18/17	Complete	04/18/2018	Complete	12/19/2018	With Developer	Interconnection Agreement With Developer	Developer
CE1700135	4	Solar	2.0000	CLARE	7/6/2017	Complete	07/18/17	Complete	12/19/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700136	4	Solar	2.0000	MISSAUKEE	7/6/2017	Complete	07/18/17	Complete	04/18/2018	Complete	12/19/2018		Distribution Study Complete	Developer
CE1700137	4	Solar	2.0000	MISSAUKEE	7/6/2017	Complete	07/18/17	Complete	04/18/2018	Complete	12/19/2018		Distribution Study Complete	Developer
CE1700164	4	Solar	2.0000	SAGINAW	7/17/2017	Complete	07/27/17	Complete	12/14/2017	Complete	01/15/2019	With Developer	Interconnection Agreement With Developer	Developer
CE1700165	4	Solar	2.0000	HILLSDALE	7/17/2017	Complete	07/27/17	Complete	01/23/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700166	4	Solar	2.0000	LENAAWEE	7/17/2017	Complete	07/27/17	Complete	01/23/2018	Complete	03/07/2019		Distribution Study Complete	Developer
CE1700167	4	Solar	2.0000	MONTCALM	7/17/2017	Complete	07/27/17	Complete	12/14/2017	Complete	04/13/2018	Requested	Interconnection Agreement Requested	CE
CE1700168	4	Solar	2.0000	LENAAWEE	7/17/2017	Complete	07/27/17	Complete	01/23/2018	Complete	03/07/2019	Requested	Interconnection Agreement Requested	CE
CE1700169	4	Solar	2.0000	LENAAWEE	7/17/2017	Complete	07/27/17	Complete	01/23/2018	Complete	03/07/2019		Distribution Study Complete	Developer
CE1700170	4	Solar	2.0000	GENESEE	7/17/2017	Complete	07/27/17	Complete	12/14/2017	Complete	01/15/2019	Requested	Interconnection Agreement Requested	CE
CE1700171	4	Solar	2.0000	GENESEE	7/17/2017	Complete	07/27/17	Complete	12/14/2017	Complete	01/15/2019	Requested	Interconnection Agreement Requested	CE
CE1700172	4	Solar	2.0000	LENAAWEE	7/17/2017	Ineligible							Application Ineligible	N/A
CE1700173	4	Solar	2.0000	SAGINAW	7/17/2017	Complete	07/27/17	Complete	01/23/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700174	4	Solar	2.0000	CALHOUN	7/17/2017	Complete	07/27/17	Complete	01/04/2018	Complete	01/15/2019		Distribution Study Complete	Developer
CE1700175	4	Solar	2.0000	MIDLAND	7/17/2017	Complete	07/27/17	Complete	12/14/2017	Complete	01/15/2019		Distribution Study Complete	Developer
CE1700176	4	Solar	2.0000	HILLSDALE	7/17/2017	Complete	07/27/17	Complete	01/11/2018	Complete	02/15/2019		Distribution Study Complete	Developer
CE1700191	4	Solar	2.0000	CALHOUN	7/26/2017	Complete	08/02/17	Complete	04/02/2018	Complete	02/15/2019	Requested	Interconnection Agreement Requested	CE
CE1700192	4	Solar	2.0000	BRANCH	7/26/2017	Complete	08/02/17	Complete	12/14/2017	Complete	01/15/2019	Requested	Interconnection Agreement Requested	CE
CE1700193	4	Solar	2.0000	EATON	7/26/2017	Complete	08/02/17	Complete	12/14/2017	Complete	01/15/2019	Requested	Interconnection Agreement Requested	CE
CE1700194	4	Solar	2.0000	GENESEE	7/26/2017	Complete	08/02/17	Complete	12/14/2017	Complete	03/01/2019	Requested	Interconnection Agreement Requested	CE
CE1700195	4	Solar	2.0000	EATON	7/26/2017	Complete	08/02/17	Complete	12/14/2017	Complete	01/15/2019	Requested	Interconnection Agreement Requested	CE
CE1700196	4	Solar	2.0000	GENESEE	7/26/2017	Complete	08/02/17	Complete	12/14/2017	Complete	03/01/2019	Requested	Interconnection Agreement Requested	CE
CE1700197	4	Solar	2.0000	LENAAWEE	7/26/2017	Complete	08/02/17	Complete	01/29/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700198	4	Solar	2.0000	GENESEE	7/26/2017	Complete	08/02/17	Complete	01/11/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700199	5	Solar	20.0000	LENAAWEE	7/26/2017	Ineligible							Application Ineligible	N/A
CE1700200	4	Solar	2.0000	HILLSDALE	7/26/2017	Complete	08/02/17	Complete	01/11/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700201	4	Solar	2.0000	SAGINAW	7/26/2017	Complete	08/02/17	Complete	12/14/2017	Complete	01/15/2019		Distribution Study Complete	Developer
CE1700202	4	Solar	2.0000	WAYNE	7/26/2017	Complete	08/02/17	Complete	01/23/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700203	4	Solar	2.0000	GENESEE	7/26/2017	Complete	08/02/17	Complete	01/02/2018	Complete	03/01/2019	Requested	Interconnection Agreement Requested	CE
CE1700204	4	Solar	2.0000	HILLSDALE	7/26/2017	Complete	08/02/17	Complete	12/14/2017	Complete	01/15/2019		Distribution Study Complete	Developer
CE1700205	4	Solar	2.0000	HILLSDALE	7/26/2017	Complete	08/02/17	Complete	01/23/2018	Complete	01/15/2019		Distribution Study Complete	Developer
CE1700206	4	Solar	2.0000	LENAAWEE	7/26/2017	Ineligible							Application Ineligible	N/A
CE1700207	4	Solar	2.0000	LENAAWEE	7/26/2017	Complete	08/02/17	Complete	01/11/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700208	4	Solar	2.0000	LENAAWEE	7/26/2017	Ineligible							Application Ineligible	N/A
CE1700209	5	Solar	20.0000	HILLSDALE	7/26/2017	Complete	08/02/17	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700210	4	Solar	2.0000	TUSCOLA	7/26/2017	Ineligible							Application Ineligible	N/A
CE1700211	4	Solar	2.0000	INGHAM	7/26/2017	Complete	08/02/17	Complete	01/11/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700212	4	Solar	2.0000	LENAAWEE	7/26/2017	Complete	08/02/17	Complete	01/11/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700213	4	Solar	2.0000	IOSCO	7/26/2017	Ineligible							Application Ineligible	N/A
CE1700214	4	Solar	2.0000	LENAAWEE	7/26/2017	Ineligible	08/02/17						Application Ineligible	N/A
CE1700215	5	Solar	50.0000	MUSKEGON	7/27/2017	Complete	08/23/17	In Study					Engineering Review In Study	CE
CE1700223	4	Solar	2.0000	INGHAM	7/31/2017	Complete	08/10/17	Complete	01/24/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700224	4	Solar	2.0000	HILLSDALE	7/31/2017	Complete	08/10/17	Complete	01/29/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700225	4	Solar	2.0000	BRANCH	7/31/2017	Complete	08/10/17	Complete	03/07/2018	Complete	03/26/2019		Distribution Study Complete	Developer
CE1700226	4	Solar	2.0000	OGEMAW	7/31/2017	Complete	08/10/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700227	4	Solar	2.0000	LENAAWEE	7/31/2017	Complete	08/10/17	Complete	06/07/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700228	4	Solar	2.0000	WASHTENAW	7/31/2017	Ineligible							Application Ineligible	N/A

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Reference Number	Category	Type	MVA	County	Application Received	Application Completeness Status	Application Completeness Date	Engineering Review Status	Engineering Review Completion Date	Distribution Study Status	Distribution Study Completion Date	Interconnection Agreement Status	Overall Status	Task Owner
CE1700229	4	Solar	2.0000	SAGINAW	7/31/2017	Complete	08/10/17	Complete	12/14/2017	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700230	4	Solar	2.0000	LENAAWEE	7/31/2017	Complete	08/10/17	Complete	01/29/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700231	4	Solar	2.0000	CLINTON	7/31/2017	Complete	08/10/17	Complete	12/14/2017	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700232	4	Solar	2.0000	GLADWIN	7/31/2017	Complete	08/10/17	Complete	12/14/2017	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700233	4	Solar	2.0000	GENESEE	7/31/2017	Complete	08/10/17	Complete	12/14/2017	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700234	4	Solar	2.0000	OAKLAND	7/31/2017	Incomplete							Application Incomplete	Developer
CE1700235	4	Solar	2.0000	IOSCO	7/31/2017	Complete	08/10/17	Complete	12/14/2017	Complete	01/15/2019		Distribution Study Complete	Developer
CE1700236	4	Solar	2.0000	BRANCH	7/31/2017	Complete	08/10/17	Complete	12/14/2017	Complete	01/15/2019		Distribution Study Complete	Developer
CE1700237	4	Solar	2.0000	INGHAM	7/31/2017	Complete	08/10/17	Complete	01/11/2018	Complete	01/15/2019		Distribution Study Complete	Developer
CE1700238	4	Solar	2.0000	BRANCH	7/31/2017	Complete	08/10/17	Complete	12/14/2017	Complete	01/15/2019		Distribution Study Complete	Developer
CE1700239	4	Solar	2.0000	HILLSDALE	7/31/2017	Complete	08/10/17	Complete	01/11/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700243	5	Solar	19.9000	CLINTON	8/3/2017	Complete	08/24/17	Complete	04/18/2018	Complete	02/15/2019	Requested	Interconnection Agreement Requested	CE
CE1700244	5	Solar	19.9000	MONROE	8/3/2017	Complete	08/24/17	Complete	04/18/2018	Complete	02/15/2019	Requested	Interconnection Agreement Requested	CE
CE1700321	4	Solar	2.0000	GENESEE	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700322	4	Solar	2.0000	SAGINAW	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700323	4	Solar	2.0000	BAY	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700324	4	Solar	2.0000	GLADWIN	9/15/2017	Complete	10/03/17	Complete	02/26/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700325	4	Solar	2.0000	SAGINAW	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700326	4	Solar	2.0000	BAY	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700327	4	Solar	2.0000	ISABELLA	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700328	4	Solar	2.0000	ISABELLA	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700329	4	Solar	2.0000	SAGINAW	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700330	4	Solar	2.0000	GLADWIN	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700331	4	Solar	2.0000	GLADWIN	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700332	4	Solar	2.0000	GENESEE	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700333	4	Solar	2.0000	BARRY	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700334	4	Solar	2.0000	JACKSON	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700335	4	Solar	2.0000	BARRY	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700336	4	Solar	2.0000	GRATIOT	9/15/2017	Complete	10/03/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700380	4	Solar	2.0000	BRANCH	10/2/2017	Complete	10/27/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700381	4	Solar	2.0000	GRATIOT	10/2/2017	Complete	10/27/17	Complete	05/01/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700382	4	Solar	2.0000	MECOSTA	10/2/2017	Complete	10/27/17	Complete	02/26/2018	Complete	03/07/2019		Distribution Study Complete	Developer
CE1700383	4	Solar	2.0000	JACKSON	10/2/2017	Complete	10/27/17	Complete	04/23/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1700384	4	Solar	2.0000	SAGINAW	10/2/2017	Complete	10/27/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700385	4	Solar	2.0000	EATON	10/2/2017	Complete	10/27/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700386	4	Solar	2.0000	LENAAWEE	10/2/2017	Ineligible	10/27/17						Application Ineligible	N/A
CE1700387	4	Solar	2.0000	MONTCALM	10/2/2017	Complete	10/27/17	Complete	03/07/2018	Complete	03/26/2019		Distribution Study Complete	Developer
CE1700388	4	Solar	2.0000	SAINT JOSEPH	10/2/2017	Ineligible	10/27/17						Application Ineligible	N/A
CE1700389	4	Solar	2.0000	GENESEE	10/2/2017	Complete	10/27/17	Complete	04/30/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1700390	4	Solar	2.0000	EATON	10/2/2017	Complete	10/27/17	Complete	05/09/2018	In Study			Distribution Study In Study	CE
CE1700391	5	Biodigester	5.5000	KENT	10/3/2017	Complete	11/07/18	Complete	12/11/2018	N/A	N/A	Requested	Interconnection Agreement Requested	CE
CE1700397	5	Solar	20.0000	SAINT JOSEPH	10/9/2017	Complete	10/25/17	Complete	05/09/2018	Complete	02/15/2019	Requested	Interconnection Agreement Requested	CE
CE1700398	5	Solar	10.0000	BRANCH	10/9/2017	Complete	10/25/17	Complete	05/09/2018	Complete	02/15/2019	Requested	Interconnection Agreement Requested	CE
CE1700401	4	Solar	2.0000	VAN BUREN	10/10/2017	Ineligible	10/27/17						Application Ineligible	N/A
CE1700402	4	Solar	2.0000	INGHAM	10/10/2017	Complete	10/27/17	Complete	04/05/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1700403	4	Solar	2.0000	EATON	10/10/2017	Complete	10/27/17	Complete	02/26/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700435	4	Solar	2.0000	ISABELLA	10/18/2017	Complete	11/02/17	In Study					Engineering Review In Study	CE
CE1700436	4	Solar	2.0000	SAGINAW	10/18/2017	Complete	11/02/17	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1700437	4	Solar	2.0000	MIDLAND	10/18/2017	Complete	11/02/17	Complete	03/13/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1700438	4	Solar	2.0000	BAY	10/18/2017	Complete	11/02/17	In Study					Engineering Review In Study	CE
CE1700450	4	Solar	2.0000	GRATIOT	10/20/2017	Complete	11/02/17	In Study					Engineering Review In Study	CE
CE1700491	4	Solar	2.0000	GRATIOT	11/2/2017	Complete	11/15/17	In Study					Engineering Review In Study	CE
CE1700492	4	Solar	2.0000	GLADWIN	11/2/2017	Complete	11/15/17	In Study					Engineering Review In Study	CE
CE1700493	4	Solar	2.0000	GLADWIN	11/2/2017	Complete	11/15/17	In Study					Engineering Review In Study	CE
CE1700525	4	Solar	2.0000	KENT	11/15/2017	Complete	12/04/17	Complete	03/01/2018	Complete	03/26/2019		Distribution Study Complete	Developer
CE1700526	4	Solar	2.0000	HILLSDALE	11/15/2017	Complete	12/04/17	Complete	02/15/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700527	4	Solar	2.0000	BAY	11/15/2017	Complete	12/04/17	Complete	06/07/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1700528	4	Solar	2.0000	BRANCH	11/15/2017	Complete	12/04/17	Complete	04/12/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1700529	4	Solar	2.0000	SAGINAW	11/15/2017	Complete	12/04/17	Complete	06/07/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1700530	4	Solar	2.0000	OCEANA	11/15/2017	Complete	12/04/17	Complete	03/01/2018	Complete	03/26/2019		Distribution Study Complete	Developer
CE1700537	5	Solar	30.0000	MANISTEE	11/9/2017	Complete	12/05/17	Complete	06/18/2018	Complete	04/18/2019		Distribution Study Complete	Developer

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Reference Number	Category	Type	MVA	County	Application Received	Application Completeness Status	Application Completeness Date	Engineering Review Status	Engineering Review Completion Date	Distribution Study Status	Distribution Study Completion Date	Interconnection Agreement Status	Overall Status	Task Owner
CE1700538	4	Solar	2.0000	HILLSDALE	11/15/2017	Complete	12/05/17	Complete	03/26/2018	Complete	02/15/2019		Distribution Study Complete	Developer
CE1700539	5	Combined Heat and Power	22.0000	ALLEGAN	11/13/2017	Complete	11/29/17	Complete	05/09/2018	N/A	N/A	Routing	Interconnection Agreement Routing	CE
CE1700546	4	Solar	0.8400	LENAWEE	11/17/2017	Complete	12/06/17	N/A	N/A	N/A	N/A	Routing	Interconnection Agreement Routing	CE
CE1700553	4	Solar	2.0000	HILLSDALE	11/21/2017	Complete	12/11/17	Withdrawn					Withdrawn	N/A
CE1700554	4	Solar	2.0000	HILLSDALE	11/21/2017	Ineligible	12/11/17						Application Ineligible	N/A
CE1700555	4	Solar	2.0000	HILLSDALE	11/21/2017	Complete	12/11/17	Withdrawn					Withdrawn	N/A
CE1700556	4	Solar	2.0000	HILLSDALE	11/21/2017	Complete	12/11/17		03/26/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700565	4	Solar	2.0000	MONROE	11/28/2017	Complete	12/13/17	Complete	07/13/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700566	4	Solar	2.0000	HILLSDALE	11/28/2017	Complete	12/13/17	Complete	03/26/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700567	4	Solar	2.0000	HILLSDALE	11/28/2017	Ineligible	12/13/17						Application Ineligible	N/A
CE1700568	4	Solar	2.0000	HILLSDALE	11/28/2017	Complete	12/13/17	Complete	07/13/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700579	4	Solar	2.0000	GENESEE	11/29/2017	Complete	12/14/17	Complete	04/05/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1700580	4	Solar	2.0000	ALLEGAN	11/29/2017	Complete	12/14/17	Complete	03/01/2018	Complete	03/26/2019		Distribution Study Complete	Developer
CE1700581	4	Solar	2.0000	SAINT JOSEPH	11/29/2017	Complete	12/14/17	Complete	03/01/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700582	4	Solar	2.0000	MUSKEGON	11/29/2017	Complete	12/14/17	Complete	03/01/2018	Complete	03/26/2019		Distribution Study Complete	Developer
CE1700583	4	Solar	2.0000	MECOSTA	11/29/2017	Complete	12/14/17	Complete	03/01/2018	Complete	03/26/2019		Distribution Study Complete	Developer
CE1700584	4	Solar	2.0000	MUSKEGON	11/29/2017	Complete	12/14/17	Complete	03/01/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700585	4	Solar	2.0000	GLADWIN	11/29/2017	Complete	12/14/17	Complete	03/01/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700586	4	Solar	2.0000	GENESEE	11/29/2017	Complete	12/14/17	Complete	03/01/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700587	4	Solar	2.0000	HILLSDALE	11/29/2017	Complete	12/14/17	Complete	03/01/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1700588	5	Solar	20.0000	SAGINAW	11/29/2017	Complete	12/20/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700594	4	Solar	2.0000	HILLSDALE	12/1/2017	Complete	12/19/17	Withdrawn					Withdrawn	N/A
CE1700595	4	Solar	2.0000	WEXFORD	12/4/2017	Complete	12/19/17	Complete	05/09/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700596	4	Solar	2.0000	MONTCALM	12/4/2017	Complete	12/19/17	Complete	04/02/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1700620	4	Solar	2.0000	OTSEGO	12/11/2017	Ineligible	12/19/17						Application Ineligible	N/A
CE1700621	4	Solar	2.0000	IONIA	12/11/2017	Complete	12/19/17	Complete	04/02/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1700622	4	Solar	2.0000	MACOMB	12/11/2017	Ineligible	12/19/17						Application Ineligible	N/A
CE1700623	4	Solar	2.0000	MUSKEGON	12/11/2017	Complete	12/19/17	Complete	03/01/2018	Complete	03/26/2019		Distribution Study Complete	Developer
CE1700624	4	Solar	2.0000	CLINTON	12/11/2017	Complete	12/19/17	Complete	03/07/2018	Complete	04/05/2019		Distribution Study Complete	Developer
CE1700625	5	Solar	20.0000	LENAWEE	12/11/2017	Complete	12/19/17	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700626	4	Solar	2.0000	MUSKEGON	12/11/2017	Complete	12/19/17	Complete	03/07/2018	Complete	04/05/2019		Distribution Study Complete	Developer
CE1700627	4	Solar	2.0000	MONTCALM	12/11/2017	Incomplete							Application Incomplete	Developer
CE1700633	4	Solar	2.0000	SHIAWASSEE	12/14/2017	Complete	01/02/18	Complete	08/06/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700640	4	Solar	2.0000	BAY	12/15/2017	Complete	01/04/18	In Study					Engineering Review In Study	CE
CE1700641	4	Solar	2.0000	GLADWIN	12/15/2017	Complete	01/04/18	In Study					Engineering Review In Study	CE
CE1700642	4	Solar	2.0000	GLADWIN	12/15/2017	Complete	01/04/18	In Study					Engineering Review In Study	CE
CE1700643	4	Solar	2.0000	GRATIOT	12/15/2017	Ineligible	01/03/18						Application Ineligible	N/A
CE1700644	4	Solar	2.0000	HILLSDALE	12/15/2017	Complete	01/03/18	Complete	04/05/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1700645	4	Solar	2.0000	IONIA	12/15/2017	Complete	01/03/18	Complete	04/05/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700646	5	Landfill-gas	3.2000	GENESEE	12/18/2017	Complete	01/05/18	Complete	05/04/2018	N/A	N/A	Complete	Interconnection Agreement Complete	N/A
CE1700655	4	Solar	2.0000	BAY	12/21/2017	Complete	01/09/18	In Study					Engineering Review In Study	CE
CE1700657	4	Solar	2.0000	GLADWIN	12/21/2017	Complete	01/09/18	In Study					Engineering Review In Study	CE
CE1700658	4	Solar	2.0000	GLADWIN	12/21/2017	Complete	01/09/18	In Study					Engineering Review In Study	CE
CE1700659	4	Solar	2.0000	GLADWIN	12/21/2017	Complete	01/09/18	In Study					Engineering Review In Study	CE
CE1700660	4	Solar	2.0000	GLADWIN	12/21/2017	Complete	01/09/18	In Study					Engineering Review In Study	CE
CE1700662	4	Solar	2.0000	GLADWIN	12/21/2017	Complete	01/09/18	In Study					Engineering Review In Study	CE
CE1700663	4	Solar	2.0000	SAGINAW	12/22/2017	Complete	01/15/18	Complete	07/10/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1700664	4	Solar	2.0000	MONTCALM	12/22/2017	Complete	01/15/18	In Study					Engineering Review In Study	CE
CE1700665	4	Solar	2.0000	BAY	12/22/2017	Complete	01/15/18	Complete	07/13/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1700666	4	Solar	2.0000	BAY	12/22/2017	Complete	01/15/18	Complete	07/13/2018	Complete	04/23/2019		Distribution Study Complete	Developer
CE1700667	4	Solar	2.0000	MASON	12/22/2017	Ineligible	01/15/18						Application Ineligible	N/A
CE1700675	5	Solar	20.0000	JACKSON	12/27/2017	Incomplete							Withdrawn	N/A
CE1700676	5	Solar	20.0000	CALHOUN	12/27/2017	Incomplete							Application Incomplete	Developer
CE1700677	5	Solar	20.0000	CALHOUN	12/27/2017	Incomplete	09/14/18						Application Incomplete	Developer
CE1700682	5	Landfill-gas	2.4000	BAY	12/29/2017	Complete	01/15/18	Complete	04/10/2018	N/A	N/A	Requested	Interconnection Agreement Requested	CE
CE1800001	4	Solar	2.0000	ISABELLA	1/2/2018	Complete	01/16/18	Complete	06/12/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800002	4	Solar	2.0000	GENESEE	1/2/2018	Incomplete							Withdrawn	N/A
CE1800003	4	Solar	2.0000	LENAWEE	1/2/2018	Incomplete							Withdrawn	N/A
CE1800004	4	Solar	2.0000	ROSCOMMON	1/2/2018	Complete	01/16/18	Complete	06/12/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800005	4	Solar	2.0000	LENAWEE	1/2/2018	Incomplete							Withdrawn	N/A

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Reference Number	Category	Type	MVA	County	Application Received	Application Completeness Status	Application Completeness Date	Engineering Review Status	Engineering Review Completion Date	Distribution Study Status	Distribution Study Completion Date	Interconnection Agreement Status	Overall Status	Task Owner
CE1800021	5	Solar	10.0000	GRAND TRAVERSE	1/8/2018	Complete	01/23/18	Complete	06/18/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800022	4	Solar	2.0000	OGEMAW	1/8/2018	Complete	02/07/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800023	4	Solar	2.0000	GENESEE	1/8/2018	Incomplete							Application Incomplete	Developer
CE1800024	4	Solar	2.0000	GENESEE	1/8/2018	Complete	02/07/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800025	4	Solar	2.0000	JACKSON	1/8/2018	Complete	01/26/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800032	4	Solar	2.0000	GENESEE	1/10/2018	Incomplete							Application Incomplete	Developer
CE1800033	4	Solar	2.0000	OGEMAW	1/10/2018	Complete	02/07/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800034	4	Solar	2.0000	CLARE	1/10/2018	Incomplete							Application Incomplete	Developer
CE1800035	4	Solar	2.0000	GENESEE	1/10/2018	Incomplete							Application Incomplete	Developer
CE1800036	4	Solar	2.0000	GENESEE	1/10/2018	Incomplete							Application Incomplete	Developer
CE1800037	4	Solar	2.0000	GENESEE	1/10/2018	Incomplete							Application Incomplete	Developer
CE1800038	4	Solar	2.0000	OGEMAW	1/10/2018	Complete	02/07/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800039	4	Solar	2.0000	OGEMAW	1/10/2018	Complete	02/07/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800040	4	Solar	2.0000	GENESEE	1/10/2018	Complete	02/07/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800041	4	Solar	2.0000	GENESEE	1/10/2018	Complete	02/07/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800042	3	Solar	0.5000	KENT	1/9/2018	Incomplete							Application Incomplete	Developer
CE1800043	4	Solar	1.0000	KALAMAZOO	1/9/2018	Incomplete							Application Incomplete	Developer
CE1800044	4	Solar	1.0000	KENT	1/9/2018	Incomplete							Application Incomplete	Developer
CE1800053	4	Solar	2.0000	GLADWIN	1/12/2018	Complete	01/29/18	In Study					Engineering Review In Study	CE
CE1800054	4	Solar	2.0000	GLADWIN	1/12/2018	Complete	01/29/18	In Study					Engineering Review In Study	CE
CE1800055	5	Solar	10.0000	SAGINAW	1/12/2018	Complete	01/26/18	In Study					Engineering Review In Study	CE
CE1800056	4	Solar	2.0000	GLADWIN	1/12/2018	Complete	01/29/18	In Study					Engineering Review In Study	CE
CE1800057	5	Solar	10.0000	GLADWIN	1/12/2018	Complete	01/26/18	In Study					Engineering Review In Study	CE
CE1800058	4	Solar	2.0000	GLADWIN	1/12/2018	Complete	01/29/18	In Study					Engineering Review In Study	CE
CE1800059	4	Solar	2.0000	LENAWEE	1/11/2018	Incomplete							Application Incomplete	Developer
CE1800060	5	Solar	10.0000	MIDLAND	1/15/2018	Complete	01/26/18	In Study					Engineering Review In Study	CE
CE1800061	4	Solar	2.0000	GLADWIN	1/15/2018	Complete	01/31/18	In Study					Engineering Review In Study	CE
CE1800062	5	Wind	31.1500	KENT	1/15/2018	Complete	01/29/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800063	5	Wind	39.0500	KENT	1/15/2018	Incomplete							Withdrawn	N/A
CE1800064	5	Wind	19.8000	KENT	1/15/2018	Incomplete							Withdrawn	N/A
CE1800065	5	Solar	20.0000	MUSKEGON	1/15/2018	Complete	01/30/18	Complete	03/08/2019	In Study			Distribution Study In Study	CE
CE1800066	4	Solar	2.0000	MONTCALM	1/15/2018	Complete	01/30/18	Complete	03/23/2018	Complete	04/05/2019		Distribution Study Complete	Developer
CE1800081	5	Solar	20.0000	LENAWEE	1/16/2018	Complete	02/02/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800082	5	Solar	20.0000	INGHAM	1/16/2018	Complete	02/02/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800083	5	Solar	20.0000	EATON	1/17/2018	Complete	02/02/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800084	5	Solar	20.0000	LENAWEE	1/17/2018	Complete	02/02/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800087	4	Solar	2.0000	SHIAWASSEE	1/19/2018	Complete	02/06/18	Complete	04/16/2018	In Study			Distribution Study In Study	CE
CE1800088	4	Solar	2.0000	ALLEGAN	1/19/2018	Complete	02/06/18	Complete	04/06/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800089	5	Solar	20.0000	HILLSDALE	1/19/2018	Complete	02/06/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800090	4	Solar	2.0000	HILLSDALE	1/19/2018	Complete	02/06/18	Complete	04/10/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800091	4	Solar	2.0000	MIDLAND	1/19/2018	Complete	02/06/18	Complete	04/06/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800092	4	Solar	2.0000	SAGINAW	1/19/2018	Complete	02/06/18	Complete	04/06/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800093	4	Solar	2.0000	SHIAWASSEE	1/19/2018	Complete	02/06/18	Complete	04/16/2018	In Study			Distribution Study In Study	CE
CE1800094	4	Solar	2.0000	SHIAWASSEE	1/19/2018	Complete	02/06/18	Complete	04/16/2018	In Study			Distribution Study In Study	CE
CE1800095	4	Solar	2.0000	MACOMB	1/19/2018	Complete	02/06/18	Complete	06/07/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800108	4	Solar	2.0000	LENAWEE	1/19/2018	Incomplete							Application Incomplete	Developer
CE1800109	4	Solar	2.0000	MUSKEGON	1/24/2018	Complete	02/08/18	Complete	07/13/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800110	4	Solar	2.0000	LENAWEE	1/24/2018	Complete	02/08/18	Complete	07/13/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800111	4	Solar	2.0000	INGHAM	1/24/2018	Ineligible	02/08/18						Application Ineligible	N/A
CE1800112	4	Solar	2.0000	LENAWEE	1/24/2018	Complete	02/08/18	Complete	07/13/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800113	4	Solar	2.0000	INGHAM	1/24/2018	Ineligible	02/08/18						Application Ineligible	N/A
CE1800114	4	Solar	2.0000	BRANCH	1/24/2018	Complete	02/08/18	Complete	07/13/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800115	4	Solar	2.0000	BRANCH	1/24/2018	Complete	02/08/18	Complete	07/13/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800116	4	Solar	2.0000	BRANCH	1/24/2018	Complete	02/08/18	Complete	07/13/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800117	4	Solar	2.0000	GENESEE	1/24/2018	Complete	02/08/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800126	4	Solar	2.0000	GENESEE	1/25/2018	Complete	02/09/18	Complete	04/18/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1800131	4	Solar	2.0000	GENESEE	1/26/2018	Complete	02/14/18	Complete	04/06/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800132	4	Solar	2.0000	GRATIOT	1/26/2018	Complete	02/14/18	Complete	04/06/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800133	4	Solar	2.0000	GENESEE	1/26/2018	Complete	02/14/18	Complete	04/16/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800134	4	Solar	2.0000	GLADWIN	1/26/2018	Complete	02/14/18	Complete	04/06/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800135	4	Solar	2.0000	MANISTEE	1/26/2018	Complete	02/14/18	Complete	04/06/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer

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Reference Number	Category	Type	MVA	County	Application Received	Application Completeness Status	Application Completeness Date	Engineering Review Status	Engineering Review Completion Date	Distribution Study Status	Distribution Study Completion Date	Interconnection Agreement Status	Overall Status	Task Owner
CE1800136	4	Solar	2.0000	ALLEGAN	1/26/2018	Complete	02/14/18	Complete	04/10/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800137	4	Solar	2.0000	INGHAM	1/26/2018	Complete	02/14/18	Complete	05/09/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800138	4	Solar	2.0000	WEXFORD	1/26/2018	Complete	02/14/18	Complete	04/10/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800140	4	Solar	2.0000	JACKSON	1/29/2018	Complete	02/15/18	In Study					Engineering Review In Study	CE
CE1800141	4	Solar	2.0000	IONIA	1/29/2018	Ineligible	02/15/18						Application Ineligible	N/A
CE1800142	4	Solar	2.0000	CALHOUN	1/29/2018	Complete	02/15/18	Complete	04/18/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800150	5	Solar/Battery/Diesel	2.3330	KALAMAZOO	1/31/2018	Complete	02/14/18	Complete	09/21/2018	N/A	N/A	With Developer	Interconnection Agreement With Developer	Developer
CE1800151	4	Solar	2.0000	LENAWEE	1/29/2018	Incomplete							Application Incomplete	Developer
CE1800153	3	Solar	0.1675	KALAMAZOO	2/1/2018	Complete	03/08/18	N/A	N/A	N/A	N/A	Complete	Interconnection Agreement Complete	N/A
CE1800164	4	Solar	2.0000	GLADWIN	2/6/2018	Complete	02/21/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800165	4	Solar	2.0000	MUSKEGON	2/6/2018	Complete	02/21/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800166	4	Solar	2.0000	CALHOUN	2/6/2018	Complete	02/21/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800167	4	Solar	2.0000	SAINT JOSEPH	2/6/2018	Complete	02/21/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800168	4	Solar	2.0000	GLADWIN	2/6/2018	Complete	02/21/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800180	4	Solar	2.0000	LENAWEE	2/9/2018	Complete	02/28/18	Complete	04/18/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800181	4	Solar	2.0000	GRATIOT	2/9/2018	Complete	02/28/18	Complete	04/18/2018	Complete	04/18/2019	With Developer	Interconnection Agreement With Developer	Developer
CE1800182	5	Solar	20.0000	SAGINAW	2/9/2018	Complete	02/28/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800183	4	Solar	2.0000	MASON	2/9/2018	Complete	02/28/18	Complete	04/18/2018	In Study			Distribution Study In Study	CE
CE1800184	4	Solar	2.0000	IONIA	2/9/2018	Complete	02/28/18	Complete	04/18/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800185	5	Solar	20.0000	HILLSDALE	2/9/2018	Complete	02/28/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800186	4	Solar	2.0000	WEXFORD	2/9/2018	Complete	02/28/18	Complete	04/18/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800187	4	Solar	2.0000	IONIA	2/9/2018	Complete	02/28/18	Complete	04/18/2018	Complete	04/17/2019		Distribution Study Complete	Developer
CE1800188	4	Solar	2.0000	BARRY	2/9/2018	Complete	02/28/18	Complete	04/18/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800189	4	Solar	2.0000	GENESEE	2/9/2018	Complete	02/28/18	Complete	04/18/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800190	4	Solar	2.0000	BAY	2/9/2018	Complete	02/28/18	Complete	04/18/2018	In Study			Distribution Study In Study	CE
CE1800191	5	Solar	16.0000	EATON	2/9/2018	Complete	02/28/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800192	5	Solar	20.0000	LENAWEE	2/9/2018	Complete	02/28/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800193	4	Solar	2.0000	ISABELLA	2/9/2018	Complete	02/28/18	Complete	04/18/2018	In Study			Distribution Study In Study	CE
CE1800194	4	Solar	2.0000	VAN BUREN	2/12/2018	Complete	02/28/18	Complete	06/12/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1800195	4	Solar	2.0000	GRAND TRAVERSE	2/12/2018	Complete	02/28/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800196	5	Solar	19.6500	GENESEE	2/12/2018	Complete	02/26/18	Complete	06/19/2018	Complete	03/01/2019		Distribution Study Complete	Developer
CE1800197	4	Solar	2.0000	JACKSON	2/12/2018	Complete	03/05/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800198	4	Solar	2.0000	SAGINAW	2/13/2018	Complete	02/28/18	Complete	11/30/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800222	4	Solar	2.0000	SAGINAW	2/19/2018	Complete	03/06/18	Complete	05/09/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800223	4	Solar	2.0000	ALLEGAN	2/19/2018	Complete	03/06/18	Complete	05/09/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800224	4	Solar	2.0000	MUSKEGON	2/19/2018	Complete	03/06/18	Complete	05/09/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800225	4	Solar	2.0000	GRATIOT	2/19/2018	Complete	03/06/18	Complete	05/09/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800226	4	Solar	2.0000	SAGINAW	2/19/2018	Complete	03/06/18	Complete	05/09/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800227	4	Solar	2.0000	ARENAC	2/19/2018	Complete	03/06/18	Complete	05/09/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800228	4	Solar	2.0000	MONTCALM	2/19/2018	Complete	03/06/18	In Study					Engineering Review In Study	CE
CE1800229	4	Solar	2.0000	CLINTON	2/19/2018	Complete	03/06/18	Complete	06/07/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800230	4	Solar	2.0000	JACKSON	2/20/2018	Complete	03/06/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800231	4	Solar	2.0000	JACKSON	2/20/2018	Complete	03/06/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800232	4	Solar	2.0000	HILLSDALE	2/20/2018	Complete	03/06/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800233	4	Solar	2.0000	JACKSON	2/20/2018	Complete	03/06/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800234	5	Solar	20.0000	MUSKEGON	2/20/2018	Incomplete							Application Incomplete	Developer
CE1800235	5	Solar	20.0000	MUSKEGON	2/20/2018	Incomplete							Application Incomplete	Developer
CE1800236	5	Solar	8.0000	MUSKEGON	2/16/2018	Complete	03/05/18	Complete	06/29/2018	N/A	N/A	With Developer	Interconnection Agreement With Developer	Developer
CE1800247	4	Solar	2.0000	ALLEGAN	2/21/2018	Complete	03/07/18	Complete	06/12/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800251	4	Solar	2.0000	IONIA	2/22/2018	Incomplete							Withdrawn	N/A
CE1800252	4	Solar	2.0000	JACKSON	2/23/2018	Complete	03/09/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800253	5	Solar	20.0000	CALHOUN	2/26/2018	Incomplete							Application Incomplete	Developer
CE1800254	5	Solar	20.0000	CALHOUN	2/26/2018	Incomplete							Application Incomplete	Developer
CE1800255	5	Solar	20.0000	CALHOUN	2/26/2018	Incomplete							Application Incomplete	Developer
CE1800256	4	Solar	2.0000	SAGINAW	2/26/2018	Complete	03/15/18	Complete	06/12/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800267	5	Solar	19.6500	EATON	2/27/2018	Incomplete							Application Incomplete	Developer
CE1800269	4	Solar	2.0000	ALLEGAN	2/28/2018	Complete	03/15/18	Complete	05/09/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800276	5	Solar	20.0000	SAGINAW	3/1/2018	Complete	03/22/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800277	5	Solar	20.0000	SHIAWASSEE	3/1/2018	Complete	03/22/18	Complete	03/08/2019	In Study			Distribution Study In Study	CE
CE1800278	5	Solar	15.0000	GENESEE	3/1/2018	Complete	03/22/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800279	5	Solar	10.0000	BARRY	3/1/2018	Complete	03/22/18	Complete	08/06/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer

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Reference Number	Category	Type	MVA	County	Application Received	Application Completeness Status	Application Completeness Date	Engineering Review Status	Engineering Review Completion Date	Distribution Study Status	Distribution Study Completion Date	Interconnection Agreement Status	Overall Status	Task Owner
CE1800280	5	Solar	7.5000	MASON	3/1/2018	Ineligible	03/22/18						Application Ineligible	N/A
CE1800281	4	Solar	2.0000	CHARLEVOIX	3/1/2018	Complete	03/22/18	In Study					Engineering Review In Study	CE
CE1800282	4	Solar	2.0000	LAKE	3/1/2018	Complete	03/22/18	In Study					Engineering Review In Study	CE
CE1800283	4	Solar	2.0000	JACKSON	3/1/2018	Complete	03/22/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800284	4	Solar	2.0000	HILLSDALE	3/1/2018	Complete	03/22/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800285	4	Solar	2.0000	HILLSDALE	3/1/2018	Complete	03/22/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800286	4	Solar	2.0000	JACKSON	3/1/2018	Complete	03/22/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800287	4	Solar	2.0000	JACKSON	3/1/2018	Complete	03/22/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800288	4	Solar	2.0000	WASHTENAW	3/1/2018	Complete	03/22/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800289	4	solar	2.0000	HILLSDALE	3/1/2018	Ineligible	03/22/18						Application Ineligible	N/A
CE1800290	4	Solar	2.0000	HILLSDALE	3/1/2018	Incomplete							Application Incomplete	Developer
CE1800291	4	Solar	2.0000	HILLSDALE	3/1/2018	Complete	03/22/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800292	4	Solar	2.0000	HILLSDALE	3/1/2018	Complete	03/22/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800293	4	Solar	2.0000	JACKSON	3/1/2018	Complete	03/22/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800294	4	Solar	2.0000	HILLSDALE	3/1/2018	Complete	03/22/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800295	4	Solar	2.0000	MONROE	3/1/2018	Complete	03/22/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800296	4	Solar	2.0000	JACKSON	3/1/2018	Complete	03/22/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800308	4	Solar	2.0000	GENESEE	3/5/2018	Complete	03/21/18	Complete	07/17/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800309	4	Solar	2.0000	GENESEE	3/5/2018	Complete	03/21/18	Complete	07/20/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800310	4	Solar	2.0000	ARENAC	3/5/2018	Incomplete							Application Incomplete	Developer
CE1800311	4	Solar	2.0000	CLINTON	3/5/2018	Complete	03/21/18	In Study					Engineering Review In Study	CE
CE1800321	3	Battery	0.3750	JACKSON	3/2/2018	Complete	02/19/19	N/A	N/A	N/A	N/A	Complete	Interconnection Agreement Complete	N/A
CE1800336	4	Solar	2.0000	CLINTON	3/13/2018	Complete	03/26/18	Complete	06/12/2018	Complete	04/18/2019		Distribution Study Complete	Developer
CE1800337	4	Solar	2.0000	CALHOUN	3/13/2018	Ineligible	03/21/18						Application Ineligible	N/A
CE1800338	4	Solar	2.0000	JACKSON	3/13/2018	Complete	03/29/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800339	4	Solar	2.0000	SHIAWASSEE	3/13/2018	Complete	03/29/18	In Study					Engineering Review In Study	CE
CE1800340	4	Solar	2.0000	ARENAC	3/13/2018	Incomplete							Application Incomplete	Developer
CE1800341	4	Solar	2.0000	ALCONA	3/13/2018	Incomplete							Application Incomplete	Developer
CE1800342	4	Solar	2.0000	CALHOUN	3/13/2018	Complete	03/29/18	In Study					Engineering Review In Study	CE
CE1800343	4	Solar	2.0000	MONTCALM	3/13/2018	Complete	03/29/18	In Study					Engineering Review In Study	CE
CE1800344	4	Solar	2.0000	CALHOUN	3/13/2018	Complete	03/29/18	In Study					Engineering Review In Study	CE
CE1800345	4	Solar	2.0000	LAKE	3/13/2018	Ineligible	03/29/18						Application Ineligible	N/A
CE1800346	4	Solar	2.0000	CHEBOYGAN	3/13/2018	Complete	03/29/18	In Study					Engineering Review In Study	CE
CE1800347	4	Solar	2.0000	BARRY	3/13/2018	Complete	03/29/18	In Study					Engineering Review In Study	CE
CE1800352	4	Solar	1.9800	BARRY	3/14/2018	Complete	03/28/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800357	4	Solar	1.9800	KENT	3/13/2018	Complete	03/28/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800358	4	Solar	1.9800	ROSCOMMON	3/13/2018	Complete	03/28/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800364	4	Solar	2.0000	GENESEE	3/16/2018	Complete	03/29/18	In Study					Engineering Review In Study	CE
CE1800365	4	Solar	2.0000	GENESEE	3/16/2018	Complete	03/29/18	In Study					Engineering Review In Study	CE
CE1800366	4	Solar	2.0000	GENESEE	3/15/2018	Complete	04/02/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800367	4	Solar	2.0000	GENESEE	3/15/2018	Complete	04/02/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800368	4	Solar	2.0000	SAGINAW	3/15/2018	Complete	04/02/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800369	4	Solar	2.0000	MECOSTA	3/15/2018	Complete	04/02/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800379	4	Solar	1.9800	SHIAWASSEE	3/19/2018	Complete	04/10/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800380	4	Solar	1.9800	ALLEGAN	3/19/2018	Complete	04/10/18	In Study					Engineering Review In Study	CE
CE1800386	4	Solar	2.0000	MONTCALM	3/20/2018	Ineligible	04/04/18						Application Ineligible	N/A
CE1800393	4	Solar	2.0000	MONTCALM	3/21/2018	Ineligible	04/05/18						Application Ineligible	N/A
CE1800407	4	Solar	2.0000	MECOSTA	3/22/2018	Complete	04/05/18	In Study					Engineering Review In Study	CE
CE1800408	4	Solar	2.0000	CALHOUN	3/21/2018	Complete	04/05/18	In Study					Engineering Review In Study	CE
CE1800409	4	Solar	2.0000	GLADWIN	3/21/2018	Complete	04/05/18	In Study					Engineering Review In Study	CE
CE1800420	5	Solar	8.0000	IONIA	3/23/2018	Complete	04/04/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800421	4	Solar	2.0000	EATON	3/23/2018	Complete	04/11/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800422	4	Solar	2.0000	ISABELLA	3/23/2018	Complete	04/11/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800423	4	Solar	2.0000	ISABELLA	3/23/2018	Ineligible	04/11/18						Application Ineligible	N/A
CE1800424	5	Solar	37.5000	EATON	3/26/2018	Incomplete							Application Incomplete	Developer
CE1800425	5	Solar	20.0000	KALAMAZOO	3/26/2018	Incomplete							Application Incomplete	Developer
CE1800426	4	Solar	2.0000	JACKSON	3/26/2018	Complete	04/13/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800427	4	Solar	2.0000	JACKSON	3/26/2018	Complete	04/13/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800428	5	Solar	16.0000	JACKSON	3/26/2018	Incomplete							Application Incomplete	Developer
CE1800440	4	Solar	1.9800	ANTRIM	3/22/2018	Ineligible	05/31/18						Application Ineligible	N/A
CE1800441	4	Solar	1.9800	IONIA	3/22/2018	Complete	05/31/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer

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CE1800442	5	Solar	20.0000	INGHAM	3/23/2018	Incomplete							Application Incomplete	Developer
CE1800443	5	Solar	20.0000	SAINT JOSEPH	3/27/2018	Incomplete							Application Incomplete	Developer
CE1800444	5	Solar	20.0000	CALHOUN	3/27/2018	Incomplete							Application Incomplete	Developer
CE1800445	5	Solar	20.0000	OAKLAND	3/27/2018	Incomplete							Application Incomplete	Developer
CE1800446	5	Solar	20.0000	GENESEE	4/2/2018	Incomplete							Application Incomplete	Developer
CE1800447	5	Solar	20.0000	BRANCH	3/27/2018	Incomplete							Withdrawn	N/A
CE1800448	4	Solar	2.0000	GRATIOT	3/27/2018	Incomplete							Withdrawn	N/A
CE1800449	4	Solar	2.0000	MECOSTA	3/27/2018	Complete	04/16/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800450	4	Solar	2.0000	GLADWIN	3/27/2018	Complete	04/16/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800451	4	Solar	2.0000	SAGINAW	3/27/2018	Complete	04/16/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800452	5	Solar	4.0000	KALAMAZOO	3/28/2018	Complete	04/16/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800453	4	Solar	2.0000	MONTCALM	3/28/2018	Incomplete							Application Incomplete	Developer
CE1800454	4	Solar	2.0000	BAY	3/28/2018	Complete	04/16/18	Complete	02/26/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800455	4	Solar	2.0000	SAGINAW	3/28/2018	Complete	04/16/18	Complete	02/26/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800474	5	Solar	10.0000	OAKLAND	3/30/2018	Ineligible	04/16/18						Application Ineligible	N/A
CE1800475	4	Solar	2.0000	KALAMAZOO	4/2/2018	Incomplete							Application Incomplete	Developer
CE1800485	5	Solar	6.0000	GENESEE	4/4/2018	Incomplete							Withdrawn	N/A
CE1800486	4	Solar	2.0000	GENESEE	4/4/2018	Complete	04/26/18	In Study					Engineering Review In Study	CE
CE1800509	4	Solar	2.0000	BRANCH	4/9/2018	Complete	04/26/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800510	4	Solar	2.0000	LENAAWEE	4/9/2018	Complete	04/26/18	In Study					Engineering Review In Study	CE
CE1800511	4	Solar	2.0000	HILLSDALE	4/9/2018	Complete	04/26/18	In Study					Engineering Review In Study	CE
CE1800519	5	Solar	10.0000	CLARE	4/9/2018	Complete	04/20/18	In Study					Engineering Review In Study	CE
CE1800530	4	Solar	2.0000	LENAAWEE	4/13/2018	Complete	04/30/18	Complete	02/26/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800531	5	Solar	5.0000	WAYNE	4/13/2018	Complete	05/02/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800532	5	Solar	20.0000	HILLSDALE	4/13/2018	Complete	05/02/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800533	5	Solar	10.0000	GENESEE	4/13/2018	Complete	05/02/18	Complete	04/12/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800534	5	Solar	10.0000	BRANCH	4/13/2018	Complete	05/02/18	Complete	04/12/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800540	4	Solar	2.0000	CALHOUN	4/13/2018	Complete	05/02/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800541	4	Solar	2.0000	HILLSDALE	4/13/2018	Complete	05/02/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800561	4	Solar	2.0000	VAN BUREN	4/20/2018	Complete	05/10/18	Complete	06/21/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800562	4	Solar	2.0000	CALHOUN	4/20/2018	Complete	05/10/18	Complete	06/21/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800563	4	Solar	2.0000	ALLEGAN	4/20/2018	Complete	05/10/18	Complete	06/21/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800564	4	Solar	2.0000	ALLEGAN	4/20/2018	Complete	05/10/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800565	4	Solar	2.0000	JACKSON	4/20/2018	Complete	05/10/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800566	4	Solar	2.0000	JACKSON	4/20/2018	Complete	05/10/18	Complete	06/21/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800567	4	Solar	2.0000	ALLEGAN	4/20/2018	Complete	05/10/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800568	4	Solar	2.0000	ALLEGAN	4/20/2018	Complete	05/10/18	Complete	06/21/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800569	4	Solar	2.0000	CALHOUN	4/20/2018	Complete	05/10/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800570	4	Solar	2.0000	HILLSDALE	4/20/2018	Complete	05/10/18	Complete	11/30/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800571	4	Solar	2.0000	VAN BUREN	4/20/2018	Incomplete							Application Incomplete	Developer
CE1800584	4	Solar	2.0000	CLARE	4/25/2018	Complete	05/10/18	In Study					Engineering Review In Study	CE
CE1800596	4	Solar	2.0000	MONTCALM	4/26/2018	Complete	05/10/18	In Study					Engineering Review In Study	CE
CE1800603	4	Solar	2.0000	CALHOUN	4/27/2018	Complete	05/22/18	Complete	06/21/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800606	4	Solar	1.9800	CLINTON	4/27/2018	Complete	05/14/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800607	4	Solar	1.9800	CLINTON	4/27/2018	Incomplete							Application Incomplete	Developer
CE1800608	4	Solar	2.0000	MIDLAND	4/30/2018	Complete	05/25/18	In Study					Engineering Review In Study	CE
CE1800609	4	Solar	2.0000	BRANCH	4/30/2018	Complete	05/25/18	In Study					Engineering Review In Study	CE
CE1800633	4	Solar	2.0000	IONIA	5/3/2018	Complete	05/25/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800642	4	Solar	2.0000	GENESEE	5/4/2018	Complete	05/31/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800643	4	Solar	2.0000	KALAMAZOO	5/4/2018	Pending Fee							Application Pending Fee	Developer
CE1800644	4	Solar	2.0000	LENAAWEE	5/3/2018	Incomplete							Application Incomplete	Developer
CE1800645	4	Solar	2.0000	GLADWIN	5/3/2018	Incomplete							Application Incomplete	Developer
CE1800646	5	Solar	20.0000	GENESEE	5/4/2018	Complete	06/13/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800647	4	Solar	2.0000	GENESEE	5/4/2018	Complete	07/03/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800648	4	Solar	2.0000	OAKLAND	5/4/2018	Complete	07/03/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800649	4	Solar	2.0000	CALHOUN	5/5/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE
CE1800652	5	Solar	20.0000	GENESEE	3/12/2018	In Review							Application In Review	CE
CE1800669	4	Solar	1.9800	LIVINGSTON	5/9/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE
CE1800670	4	Solar	1.9800	LIVINGSTON	5/9/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE
CE1800671	4	Solar	1.9800	ROSCOMMON	5/9/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE
CE1800672	4	Solar	1.9800	CALHOUN	5/9/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE

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CE1800673	4	Solar	1.9800	MIDLAND	5/9/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE
CE1800674	4	Solar	1.9800	BRANCH	5/9/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE
CE1800675	4	Solar	1.9800	BRANCH	5/9/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE
CE1800676	4	Solar	1.9800	CALHOUN	5/9/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE
CE1800677	4	Solar	2.0000	KENT	5/10/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE
CE1800678	4	Solar	2.0000	LENAAWEE	5/10/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE
CE1800679	4	Solar	2.0000	KALAMAZOO	5/10/2018	Complete	06/01/18	In Study					Engineering Review In Study	CE
CE1800704	5	solar	20.0000	SHIAWASSEE	5/15/2018	Incomplete							Application Incomplete	Developer
CE1800705	5	solar	20.0000	ARENAC	5/15/2018	In Review							Application In Review	CE
CE1800706	5	solar	20.0000	MONTCALM	5/15/2018	Ineligible	07/03/18						Application Ineligible	N/A
CE1800707	4	Solar	2.0000	SAGINAW	5/16/2018	Complete	06/06/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800708	4	Solar	2.0000	SAGINAW	5/16/2018	Complete	06/06/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800722	4	Solar	2.0000	JACKSON	5/21/2018	Complete	06/21/18	Complete	03/20/2019	In Study			Distribution Study In Study	CE
CE1800723	4	Solar	2.0000	CLARE	5/21/2018	Complete	06/21/18	Complete	03/20/2019	In Study			Distribution Study In Study	CE
CE1800724	4	Solar	2.0000	MECOSTA	5/21/2018	Complete	06/21/18	Complete	03/08/2019	In Study			Distribution Study In Study	CE
CE1800732	4	Solar	2.0000	MONTCALM	5/25/2018	Incomplete							Application Incomplete	Developer
CE1800733	4	Solar	2.0000	GENESEE	5/25/2018	Complete	07/03/18	In Study					Engineering Review In Study	CE
CE1800734	4	Solar	2.0000	BARRY	5/25/2018	Complete	07/16/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800735	4	Solar	2.0000	ARENAC	5/25/2018	Complete	07/03/18	In Study					Engineering Review In Study	CE
CE1800736	5	Solar	20.0000	ALCONA	5/25/2018	Incomplete							Application Incomplete	Developer
CE1800737	5	Solar	20.0000	ALCONA	5/25/2018	Incomplete							Application Incomplete	Developer
CE1800738	5	Solar	10.0000	EATON	5/25/2018	Complete	07/03/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800739	5	Solar	10.0000	JACKSON	5/25/2018	Complete	07/03/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800740	5	Solar	10.0000	ALCONA	5/25/2018	Complete	07/03/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800741	5	Solar	10.0000	OSCODA	5/25/2018	Complete	07/03/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800797	5	Solar	20.0000	SAGINAW	6/6/2018	Incomplete							Application Incomplete	Developer
CE1800814	4	Solar	2.0000	MIDLAND	6/8/2018	Complete	07/03/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800820	4	Solar	2.0000	CLINTON	6/11/2018	Complete	07/03/18	In Study					Engineering Review In Study	CE
CE1800821	5	Solar	5.0000	KENT	6/11/2018	Complete	07/03/18	Complete	03/20/2019	In Study			Distribution Study In Study	CE
CE1800822	5	Solar	10.0000	ARENAC	6/11/2018	Complete	07/03/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800823	5	Solar	10.0000	CALHOUN	6/11/2018	Complete	07/03/18	In Study					Engineering Review In Study	CE
CE1800824	5	Solar	20.0000	JACKSON	6/11/2018	In Review							Application In Review	CE
CE1800828	5	Solar	20.0000	SHIAWASSEE	6/12/2018	Incomplete							Application Incomplete	Developer
CE1800829	4	Solar	2.0000	CLINTON	6/12/2018	Complete	07/03/18	Complete	03/20/2019	In Study			Distribution Study In Study	CE
CE1800846	5	Solar	10.0000	ARENAC	6/15/2018	Complete	07/03/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800847	5	Solar	10.0000	CALHOUN	6/15/2018	Complete	07/03/18	In Study					Engineering Review In Study	CE
CE1800848	5	Solar	5.0000	OSCODA	6/15/2018	Complete	07/03/18	Complete	03/20/2019	In Study			Distribution Study In Study	CE
CE1800849	5	Solar	5.0000	MECOSTA	6/15/2018	Complete	07/03/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800858	4	Solar	2.0000	OGEMAW	6/18/2018	Complete	07/03/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800882	5	Solar	10.0000	JACKSON	6/22/2018	Complete	07/10/18	Complete	03/20/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800883	4	Solar	2.0000	CLINTON	6/22/2018	Complete	07/10/18	In Study					Engineering Review In Study	CE
CE1800884	5	Solar	20.0000	NEWAYGO	6/22/2018	Complete	07/10/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800897	5	Solar	10.0000	CLINTON	7/2/2018	Complete	07/17/18	In Study					Engineering Review In Study	CE
CE1800898	5	Solar	5.0000	SHIAWASSEE	7/2/2018	Complete	07/17/18	In Study					Engineering Review In Study	CE
CE1800899	4	Solar	2.0000	BARRY	7/2/2018	Complete	07/17/18	In Study					Engineering Review In Study	CE
CE1800900	4	Solar	2.0000	MIDLAND	7/2/2018	Complete	07/17/18	In Study					Engineering Review In Study	CE
CE1800901	4	Solar	2.0000	LENAAWEE	7/2/2018	Complete	07/17/18	In Study					Engineering Review In Study	CE
CE1800932	4	solar	2.0000	GRATIOT	7/9/2018	Complete	08/03/18	Agreement With Developer		N/A	N/A	With Developer	Interconnection Agreement With Developer	Developer
CE1800937	4	Solar	1.6000	JACKSON	7/11/2018	Incomplete							Application Incomplete	Developer
CE1800949	5	Solar	5.0000	ALCONA	7/13/2018	Incomplete							Application Incomplete	Developer
CE1800950	5	Solar	5.0000	ALCONA	7/13/2018	Complete	08/13/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800951	4	Solar	2.0000	KALAMAZOO	7/16/2018	Complete	09/14/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800965	4	Solar	2.0000	GENESEE	7/17/2018	Complete	08/08/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800966	5	Solar	10.0000	ALCONA	7/18/2018	Complete	08/15/18	In Study					Engineering Review In Study	CE
CE1800967	5	Solar	10.0000	OSCEOLA	7/18/2018	Complete	08/15/18						Application Complete	Developer
CE1800968	5	Solar	20.0000	EATON	7/18/2018	In Review							Application In Review	CE
CE1800974	4	Solar	2.0000	LENAAWEE	7/19/2018	Complete	08/15/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800975	4	Solar	2.0000	KALAMAZOO	7/19/2018	Incomplete							Application Incomplete	Developer
CE1800976	4	Solar	2.0000	LENAAWEE	7/19/2018	Complete	08/15/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1800977	4	Solar	2.0000	KENT	7/20/2018	Complete	08/15/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1800985	5	Solar	10.0000	SHIAWASSEE	7/20/2018	In Review							Application In Review	CE

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CE1800986	5	Solar	20.0000	SHIAWASSEE	7/20/2018	Incomplete							Application Incomplete	Developer
CE1801002	4	Solar	2.0000	VAN BUREN	7/25/2018	Incomplete							Application Incomplete	Developer
CE1801003	4	Solar	2.0000	LENAWEE	7/25/2018	Incomplete							Application Incomplete	Developer
CE1801004	4	Solar	2.0000	LENAWEE	7/25/2018	Incomplete							Application Incomplete	Developer
CE1801005	4	Solar	2.0000	JACKSON	7/25/2018	Incomplete							Application Incomplete	Developer
CE1801020	5	Solar	10.0000	SHIAWASSEE	7/27/2018	In Review							Application In Review	CE
CE1801021	5	Solar	20.0000	CLINTON	7/27/2018	Complete	08/30/18	In Study					Engineering Review In Study	CE
CE1801024	4	Solar	2.0000	CLINTON	7/26/2018	Complete	09/14/18	Complete	04/12/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1801080	4	Solar	2.0000	MUSKEGON	8/9/2018	Incomplete							Application Incomplete	Developer
CE1801081	4	Solar	2.0000	MIDLAND	8/9/2018	Complete	09/07/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801092	4	Solar	1.9800	ALLEGAN	8/10/2018	Complete	09/07/18	Complete	03/08/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1801100	4	Solar	2.0000	BARRY	8/14/2018	Complete	09/14/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1801101	4	Solar	2.0000	ISABELLA	8/14/2018	Complete	09/14/18	In Study					Engineering Review In Study	CE
CE1801129	4	Solar	2.0000	MONTCALM	8/23/2018	Complete	09/14/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1801134	4	Solar	2.0000	CLARE	8/27/2018	Complete	09/14/18	In Study					Engineering Review In Study	CE
CE1801135	4	Solar	2.0000	CLARE	8/27/2018	Complete	09/14/18	In Study					Engineering Review In Study	CE
CE1801142	4	Solar	2.0000	NEWAYGO	8/30/2018	Complete	09/14/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1801194	4	Solar	2.0000	BAY	9/7/2018	Complete	02/27/19	In Study					Engineering Review In Study	CE
CE1801195	4	Solar	2.0000	BAY	9/7/2018	Complete	10/12/18	In Study					Engineering Review In Study	CE
CE1801196	4	Solar	2.0000	OGEMAW	9/7/2018	Complete	10/10/18	In Study					Engineering Review In Study	CE
CE1801197	4	Solar	2.0000	HILLSDALE	9/10/2018	Complete	10/03/18	In Study					Engineering Review In Study	CE
CE1801198	4	Solar	2.0000	HILLSDALE	9/10/2018	Complete	10/03/18	In Study					Engineering Review In Study	CE
CE1801210	4	Solar	2.0000	MECOSTA	9/11/2018	Incomplete							Application Incomplete	Developer
CE1801211	5	Solar	10.0000	ARENAC	9/11/2018	Complete	10/03/18	In Study					Engineering Review In Study	CE
CE1801212	5	Solar	10.0000	OSCODA	9/11/2018	Complete	10/03/18	In Study					Engineering Review In Study	CE
CE1801213	5	Solar	20.0000	GLADWIN	9/11/2018	In Review							Application In Review	CE
CE1801214	5	Solar	30.0000	MANISTEE	9/11/2018	Complete	10/09/18	Complete	12/18/2018	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1801223	5	Solar	20.0000	CLINTON	9/17/2018	In Review							Application In Review	CE
CE1801247	5	Solar	20.0000	BRANCH	9/24/2018	Complete	10/12/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801248	5	Solar	20.0000	CALHOUN	9/24/2018	In Review							Application In Review	CE
CE1801249	5	Solar	10.0000	MONTCALM	9/24/2018	Complete	10/12/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801250	5	Solar	5.0000	OSCEOLA	9/24/2018	Complete	10/12/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801251	4	Solar	2.0000	IONIA	9/24/2018	Complete	10/12/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801252	4	Solar	2.0000	CALHOUN	9/24/2018	Complete	10/12/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801253	4	Solar	2.0000	EATON	9/24/2018	Incomplete							Application Incomplete	Developer
CE1801270	4	Solar	2.0000	EATON	9/25/2018	Complete	10/17/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801271	5	Solar	20.0000	ARENAC	9/25/2018	In Review							Application In Review	CE
CE1801272	5	Solar	20.0000	HILLSDALE	9/25/2018	In Review							Application In Review	CE
CE1801273	5	Solar	20.0000	CLINTON	9/25/2018	In Review							Application In Review	CE
CE1801274	5	Solar	10.0000	HILLSDALE	9/25/2018	Complete	10/12/18	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801283	5	Solar	10.0000	SAINT JOSEPH	9/26/2018	Incomplete							Application Incomplete	Developer
CE1801337	4	Solar	2.0000	GENESEE	10/8/2018	Complete	10/17/18	Complete	04/22/2019	Agreement With Developer			Distribution Study Agreement With Developer	Developer
CE1801374	5	Solar	20.0000	MONTCALM	10/16/2018	Incomplete							Application Incomplete	Developer
CE1801375	5	Solar	12.0000	BRANCH	10/16/2018	In Review							Application In Review	CE
CE1801376	5	Solar	12.0000	IONIA	10/16/2018	In Review							Application In Review	CE
CE1801377	5	Solar	3.5000	ISABELLA	8/9/2018	Incomplete							Application Incomplete	Developer
CE1801378	5	Solar	3.5000	EATON	8/9/2018	Incomplete							Application Incomplete	Developer
CE1801379	5	Solar	12.0000	MASON	10/16/2018	In Review							Application In Review	CE
CE1801380	5	Solar	12.0000	GENESEE	10/16/2018	In Review							Application In Review	CE
CE1801381	5	Solar	12.0000	SHIAWASSEE	10/16/2018	In Review							Application In Review	CE
CE1801382	5	Solar	20.0000	HILLSDALE	10/16/2018	Incomplete							Application Incomplete	Developer
CE1801384	5	Solar	12.0000	BAY	10/17/2018	In Review							Application In Review	CE
CE1801385	5	Solar	20.0000	WEXFORD	10/17/2018	Complete	03/06/19	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801386	5	Solar	20.0000	WEXFORD	10/17/2018	Complete	03/06/19	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801387	5	Solar	12.0000	MACOMB	10/17/2018	In Review							Application In Review	CE
CE1801388	5	Solar	12.0000	SHIAWASSEE	10/17/2018	In Review							Application In Review	CE
CE1801389	5	Solar	12.0000	CLINTON	10/17/2018	In Review							Application In Review	CE
CE1801390	5	Solar	12.0000	ARENAC	10/17/2018	In Review							Application In Review	CE
CE1801391	5	Solar	12.0000	MIDLAND	10/17/2018	In Review							Application In Review	CE
CE1801392	5	Solar	8.0000	GENESEE	10/17/2018	In Review							Application In Review	CE
CE1801393	4	Solar	2.0000	MONTCALM	10/17/2018	Complete	03/18/19	Agreement With Developer					Engineering Review Agreement With Developer	Developer

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CE1801394	4	Solar	2.0000	KALAMAZOO	10/17/2018	Complete	03/18/19	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801397	4	Solar	2.0000	MUSKEGON	10/18/2018	In Review							Application In Review	CE
CE1801418	4	Solar	2.0000	INGHAM	10/23/2018	In Review							Application In Review	CE
CE1801419	4	Solar	2.0000	CALHOUN	10/23/2018	In Review							Application In Review	CE
CE1801451	5	Solar	20.0000	BARRY	10/26/2018	In Review							Application In Review	CE
CE1801452	5	Solar	20.0000	MUSKEGON	10/26/2018	Incomplete							Application Incomplete	Developer
CE1801453	5	Solar	12.0000	ALLEGAN	10/26/2018	Incomplete							Application Incomplete	Developer
CE1801468	5	Solar	20.0000	JACKSON	10/29/2018	In Review							Application In Review	CE
CE1801472	4	Solar	2.0000	IONIA	10/29/2018	Complete	03/18/19	In Study					Engineering Review In Study	CE
CE1801481	5	Solar	20.0000	SHIAWASSEE	10/31/2018	In Review							Application In Review	CE
CE1801495	5	Solar	20.0000	GENESEE	11/1/2018	Incomplete							Application Incomplete	Developer
CE1801496	5	Solar	20.0000	SAGINAW	11/1/2018	Incomplete							Application Incomplete	Developer
CE1801499	5	Solar	12.0000	CLINTON	11/2/2018	Incomplete							Application Incomplete	Developer
CE1801510	5	Solar	20.0000	IONIA	11/5/2018	In Review							Application In Review	CE
CE1801513	4	Solar	2.0000	IONIA	11/5/2018	Complete	03/20/19	In Study					Engineering Review In Study	CE
CE1801514	4	Solar	2.0000	MECOSTA	11/5/2018	Complete	03/20/19	In Study					Engineering Review In Study	CE
CE1801546	4	Solar	2.0000	BRANCH	11/8/2018	Complete	03/20/19	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801589	5	Solar	16.0000	ANTRIM	11/19/2018	In Review							Application In Review	CE
CE1801590	5	Solar	10.0000	EATON	11/19/2018	In Review							Application In Review	CE
CE1801597	5	Solar	20.0000	ARENAC	11/20/2018	Incomplete							Application Incomplete	Developer
CE1801598	4	Solar	2.0000	GRATIOT	11/20/2018	In Review							Application In Review	CE
CE1801599	5	Solar	14.0000	BRANCH	11/20/2018	Incomplete							Application Incomplete	Developer
CE1801626	4	Solar	2.0000	CALHOUN	11/27/2018	In Review							Application In Review	CE
CE1801627	5	Solar	10.0000	EATON	11/27/2018	Incomplete							Application Incomplete	Developer
CE1801646	4	Solar	2.0000	IONIA	12/4/2018	In Review							Application In Review	CE
CE1801647	4	Solar	2.0000	SHIAWASSEE	12/4/2018	In Review							Application In Review	CE
CE1801648	4	Solar	2.0000	CLARE	12/4/2018	Complete	03/27/19	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801657	5	Solar	10.0000	GENESEE	11/29/2018	Complete	03/27/19	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801658	5	Solar	20.0000	OTTAWA	12/6/2018	Incomplete							Application Incomplete	Developer
CE1801677	5	Solar	10.0000	WASHTENAW	12/11/2018	Incomplete							Application Incomplete	Developer
CE1801678	4	Solar	2.0000	GENESEE	12/14/2018	Incomplete							Application Incomplete	Developer
CE1801709	5	Solar	20.0000	SAINT JOSEPH	12/6/2018	Ineligible	04/05/19						Application Ineligible	N/A
CE1801710	5	Solar	20.0000	INGHAM	12/19/2018	Incomplete							Application Incomplete	Developer
CE1801731	5	Solar	20.0000	MUSKEGON	12/21/2018	Incomplete							Application Incomplete	Developer
CE1801740	4	Solar	2.0000	ISABELLA	12/26/2018	Complete	04/10/19	In Study					Engineering Review In Study	CE
CE1801745	5	Solar	10.0000	ARENAC	12/27/2018	Complete	04/10/19	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1801746	5	Solar	10.0000	MANISTEE	12/27/2018	Incomplete							Application Incomplete	Developer
CE1900011	5	Solar	20.0000	INGHAM	1/3/2019	In Review							Application In Review	CE
CE1900022	4	Natural Gas Turbine	1.3320	CRAWFORD	1/7/2019	Incomplete							Application Incomplete	Developer
CE1900025	4	Solar	2.0000	JACKSON	1/7/2019	Incomplete							Application Incomplete	Developer
CE1900041	4	Solar	2.0000	MONTCALM	1/14/2019	Complete	04/10/19	In Study					Engineering Review In Study	CE
CE1900042	4	Solar	2.0000	MONTCALM	1/14/2019	Complete	04/10/19	In Study					Engineering Review In Study	CE
CE1900075	5	Solar	12.0000	IOSCO	1/18/2019	Incomplete							Application Incomplete	Developer
CE1900076	5	Solar	20.0000	OSCEOLA	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900077	5	Solar	20.0000	GRATIOT	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900078	5	Solar	20.0000	MECOSTA	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900079	4	Solar	2.0000	CALHOUN	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900080	5	Solar	20.0000	JACKSON	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900081	4	Solar	2.0000	CALHOUN	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900082	5	Solar	20.0000	SAGINAW	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900083	5	Solar	20.0000	TUSCOLA	1/22/2019	Ineligible	04/12/19						Application Ineligible	N/A
CE1900084	4	Solar	2.0000	SAGINAW	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900085	4	Solar	2.0000	OTSEGO	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900086	5	Solar	10.0000	TUSCOLA	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900087	5	Solar	20.0000	BARRY	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900088	5	Solar	20.0000	PRESQUE ISLE	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900089	5	Solar	20.0000	SAINT JOSEPH	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900090	5	Solar	20.0000	CALHOUN	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900091	5	Solar	20.0000	CALHOUN	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900092	5	Solar	10.0000	SAGINAW	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900093	5	Solar	20.0000	WEXFORD	1/22/2019	Incomplete							Application Incomplete	Developer

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CE1900094	5	Solar	20.0000	WEXFORD	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900095	5	Solar	14.0000	IOSCO	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900096	5	Solar	12.0000	OTSEGO	1/22/2019	Ineligible	04/12/19						Application Ineligible	N/A
CE1900097	5	Solar	20.0000	OTSEGO	1/22/2019	Ineligible	04/12/19						Application Ineligible	N/A
CE1900098	5	Solar	15.0000	OSCEOLA	1/22/2019	Ineligible	04/12/19						Application Ineligible	N/A
CE1900099	4	Solar	2.0000	CLARE	1/18/2019	Complete	04/12/19	Agreement With Developer					Engineering Review Agreement With Developer	Developer
CE1900100	4	Solar	2.0000	GRATIOT	1/22/2019	Incomplete							Application Incomplete	Developer
CE1900129	5	Natural Gas Engine	5.0000	KALAMAZOO	1/29/2019	In Review							Application In Review	CE
CE1900146	4	Solar	2.0000	CLINTON	2/1/2019	In Review							Application In Review	CE
CE1900147	5	Landfill-gas	3.2000	MONTCALM	2/1/2019	Incomplete							Withdrawn	N/A
CE1900150	5	Solar	20.0000	WASHTENAW	2/4/2019	Incomplete							Application Incomplete	Developer
CE1900159	3	Solar	0.4500	KENT	2/6/2019	Complete	03/08/19						Application Complete	Developer
CE1900161	5	Solar	10.0000	OSCODA	2/6/2019	Incomplete							Application Incomplete	Developer
CE1900162	5	Solar	20.0000	GLADWIN	2/6/2019	Incomplete							Application Incomplete	Developer
CE1900171	4	Solar	2.0000	ALLEGAN	2/11/2019	Incomplete							Application Incomplete	Developer
CE1900221	5	Solar	12.0000	OSCEOLA	2/22/2019	In Review							Application In Review	CE
CE1900222	5	Solar	12.0000	MASON	2/22/2019	In Review							Application In Review	CE
CE1900223	5	Solar	12.0000	ALCONA	2/22/2019	In Review							Application In Review	CE
CE1900224	5	Solar	12.0000	ALCONA	2/22/2019	In Review							Application In Review	CE
CE1900225	4	Solar	0.7000	KENT	2/7/2019	In Review							Application In Review	CE
CE1900279	5	Solar	20.0000	BARRY	3/4/2019	In Review							Application In Review	CE
CE1900280	5	Solar	20.0000	BARRY	3/4/2019	In Review							Application In Review	CE
CE1900281	5	Solar	20.0000	SAINT JOSEPH	3/4/2019	In Review							Application In Review	CE
CE1900282	5	Solar	14.0000	JACKSON	3/4/2019	In Review							Application In Review	CE
CE1900283	5	solar	20.0000	CLINTON	3/4/2019	In Review							Application In Review	CE
CE1900309	4	Solar	2.0000	OGEMAW	3/14/2019	In Review							Application In Review	CE
CE1900313	5	Solar	20.6250	BRANCH	3/14/2019	In Review							Application In Review	CE
CE1900317	4	Solar	2.0000	IOSCO	3/14/2019	In Review							Application In Review	CE
CE1900318	4	Solar	2.0000	IOSCO	3/14/2019	In Review							Application In Review	CE
CE1900319	4	Solar	2.0000	ARENAC	3/14/2019	In Review							Application In Review	CE
CE1900320	4	Solar	2.0000	ARENAC	3/14/2019	In Review							Application In Review	CE
CE1900321	4	Solar	2.0000	IOSCO	3/14/2019	In Review							Application In Review	CE
CE1900322	4	Solar	2.0000	ARENAC	3/14/2019	In Review							Application In Review	CE
CE1900323	4	Solar	2.0000	SAGINAW	3/14/2019	In Review							Application In Review	CE
CE1900324	4	Solar	2.0000	IOSCO	3/14/2019	In Review							Application In Review	CE
CE1900325	4	Solar	2.0000	OSCODA	3/14/2019	In Review							Application In Review	CE
CE1900326	4	Solar	2.0000	ARENAC	3/14/2019	In Review							Application In Review	CE
CE1900327	4	Solar	2.0000	OTTAWA	3/14/2019	In Review							Application In Review	CE
CE1900328	4	Solar	2.0000	CLINTON	3/14/2019	In Review							Application In Review	CE
CE1900329	4	Solar	2.0000	OSCODA	3/14/2019	In Review							Application In Review	CE
CE1900357	5	Solar	20.0000	MECOSTA	3/19/2019	In Review							Application In Review	CE
CE1900358	5	Solar	20.0000	CLARE	3/19/2019	In Review							Application In Review	CE
CE1900359	5	Solar	20.0000	MIDLAND	3/19/2019	In Review							Application In Review	CE
CE1900469	5	Landfill-gas	4.0000	MONTCALM	4/8/2019	In Review							Application In Review	CE
CE1900544	4	Solar	1.6200	WAYNE	4/19/2019	In Review							Application In Review	CE
CE1900545	4	Solar	1.6200	EMMET	4/19/2019	In Review							Application In Review	CE
CE1900546	4	Solar	1.6200	GRATIOT	4/19/2019	In Review							Application In Review	CE
CE1900547	4	Solar	1.6200	GLADWIN	4/19/2019	In Review							Application In Review	CE
CE1900548	4	Solar	1.6200	HILLSDALE	4/19/2019	In Review							Application In Review	CE
CE1900549	4	Solar	1.6200	HILLSDALE	4/19/2019	In Review							Application In Review	CE
CE1900550	4	Solar	1.6200	HILLSDALE	4/19/2019	In Review							Application In Review	CE
CE1900551	4	Solar	1.6200	MONTCALM	4/19/2019	In Review							Application In Review	CE
CE1900552	4	Solar	1.6200	SAGINAW	4/19/2019	In Review							Application In Review	CE
CE1900553	4	Solar	1.6200	MECOSTA	4/19/2019	In Review							Application In Review	CE

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the Matter of the application of)
CONSUMERS ENERGY COMPANY)
for a partial waiver of the Electric)
Interconnection and Net Metering)
Standards.)
_____)

Case No. U-20444

PROOF OF 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 April 24, 2019, she served an electronic copy of **Consumers Energy Company's Supplemental Filing in Support of Application for Partial Waiver of Interconnection Standards** upon the persons listed in Attachment 1 hereto, at the e-mail addresses listed therein. She further states that she also served a hard copy of the same document to the Hon. Sharon L. Feldman at the address listed in Attachment 1 by depositing the same in the United States mail in the City of Jackson, Michigan, with first-class postage thereon fully paid.

Crystal L. Chacon

Subscribed and sworn to before me this 24th day of April, 2019.

Kelly A. McEldowney, Notary Public
State of Michigan, County of Jackson
My Commission Expires: 01/18/25
Acting in the County of Jackson

ATTACHMENT 1 TO CASE NO. U-20444

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