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ERIC J. SCHNEIDEWIND

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April 13, 2006

Ms. Mary Jo Kunkle
Michigan Public Service Commission
6545 Mercantile Way
P.O. Box 30221
Lansing, MI 48909

Re: Case No. U-14526

Dear Ms. Kunkle:

Attached for paperless electronic filing are the Official Exhibits EM-1 through EM-7 on behalf of Energy Michigan, Inc.

Thank you for your assistance in this matter.

Very truly yours,

VARNUM, RIDDERING, SCHMIDT & HOWLETTLLP

Eric J. Schneidewind

EJS/mrr

cc: ALJ
parties

ENERGY MICHIGAN
Consumers Energy Company's 2004 Stranded Cost Case
STRANDED COST CALCULATIONS

Case No: U-14526
Exhibit No. EM-1 (RAP-1R)
Page No: 1 of 1
Witness: R.A. Polich
Date: 6-Mar-06

<u>Line No.</u>	<u>Description</u>	<u>CONSUMERS' METHOD</u>	<u>JURISDICTIONAL COSTS</u>	<u>CONSUMERS' METHOD USING 2004 PSCR REVENUES</u>	<u>ENERGY MICHIGAN'S METHOD WITHOUT PSCR COSTS</u>	<u>Source</u>
	(a)	(b)	(c)	(d)	(e)	
<u>Direct Costs</u>						
1	Net Production Plant	\$1,602,201	\$1,602,201	\$1,602,201	\$1,602,201	Exhibit A-1 (CFB-1)
2	Pre-Tax Rate of Return	10.63%	10.63%	10.63%	10.63%	Exhibit A-1 (CFB-1)
3	Return Required	\$170,314	\$170,314	\$170,314	\$170,314	Exhibit A-1 (CFB-1)
4	AFUDC Offset @10.63%	(\$19,404)	(\$19,404)	(\$19,404)	(\$19,404)	Exhibit A-1 (CFB-1)
5	Depreciation	\$66,327	\$66,327	\$66,327	\$66,327	Exhibit A-1 (CFB-1)
6	Property Taxes	\$43,263	\$43,263	\$43,263	\$43,263	Exhibit A-1 (CFB-1)
7	Insurance	\$3,516	\$3,516	\$3,516	\$3,516	Exhibit A-1 (CFB-1)
8	PPA Capacity Charges	\$498,361	\$498,361	\$498,361	\$447,006	Exhibit A-1 (CFB-1)
9	Revenue Required of Fixed Gen.	\$762,377	\$762,377	\$762,377	\$711,022	Sum of lines 3-8
10	Net Cost of Summer Capacity (Options)	\$14,108	\$14,108	\$14,108	\$14,108	Consumers Workpaper CFB WP-2
11	Total Generation Related Reg Assets	\$776,485	\$776,485	\$776,485	\$725,130	Sum of lines 9-10
12	Remove Clean Air Act Rev Req	(\$37,420)	(\$37,420)	(\$37,420)	(\$37,420)	Exhibit A-3 (CFB-3)
13	Remove 10d(4) Revenue Recovery	(\$11,791)	(\$11,791)	(\$11,791)	(\$11,791)	Consumers Workpaper CFB WP-2c
14	Total Revenue Requirement	\$727,274	\$727,274	\$727,274	\$675,919	Sum of lines 12-13
<u>Fixed Generation Related Revenue</u>						
15	Total Revenue from Sales to Ultimate Customers	\$2,325,190	\$2,325,190	\$2,325,190	\$2,325,190	Consumers Workpaper CFB WP-2
16	Remove 2004 Non-P&I Capacity PSCR Revenues	\$0	\$0	\$0	(\$491,179)	2004 PSCR Rev minus Jurs P&I cost In 18, col (e) EM-2
17	Adjusted revenue from Sales to ultimate customer	\$2,325,190	\$2,325,190	\$2,325,190	\$1,834,011	Sum of lines 15-16
18	Generation Related Rev Req as a % of Revenues from Ult Customers	30.2405%	31.4970%	31.8238%	41.3598%	EM-2 (RAP-2)
19	Contribution to Fixed Costs of Direct Generation	\$703,148	\$732,364	\$739,963	\$758,543	Line 17 mult by Line 18
20	ADD: Contribution to Fixed Cost from Third Party Sales	\$24,126	\$29,688	\$29,688	\$24,126	Exhibit A-7 (JMK-3), line 11
21	Total Contribution to Fixed Generation Costs	\$727,274	\$762,052	\$769,651	\$782,669	Sum of lines 18-20
22	Total Stranded Costs/(Benefits)	(\$0)	(\$34,778)	(\$42,377)	(\$106,750)	Line 21 minus Line 14
23	Difference from Exhibit A-1 (CFB-1)		(\$34,778)	(\$42,377)	(\$106,749)	
24	Portion of Stranded Cost related to PSCR Costs				\$18,580	

ENERGY MICHIGAN

Consumers Energy Company's 2004 Stranded Cost Case

CALCULATION OF FIXED GENERATION % OF TOTAL SALES

Case No: U-14526
 Exhibit No. EM-2 (RAP-2R)
 Page No: 1 of 1
 Witness: R.A. Polich
 Date: 6-Mar-06

<u>Line No.</u>	<u>Description</u>	<u>CONSUMERS' METHOD</u>	<u>CONSUMERS' JURISDICTIONAL COSTS</u>	<u>CONSUMERS' METHOD USING 2004 PSCR</u>	<u>CONSUMERS' METHOD USING 2004 PSCR REVENUES</u>	<u>ENERGY MICHIGAN'S METHOD WITHOUT PSCR COSTS</u>	<u>Source</u>
	(a)	(b)	(c)	(d)	(e)		
1	Net Plant	\$1,366,572,000					Exhibit A-2 (CFB-2)
2	Return	<u>10.63%</u>					Exhibit A-2 (CFB-2)
3	Return Requirement	\$145,266,604					Exhibit A-2 (CFB-2)
4	P&I Capacity	\$501,006,796					Exhibit A-2 (CFB-2)
5	Depreciation Expense	\$73,719,000					Exhibit A-2 (CFB-2)
6	R&PP Tax	\$44,467,000					Exhibit A-2 (CFB-2)
7	Property Insurance	<u>\$1,905,257</u>					Exhibit A-2 (CFB-2)
8	Total Revenue Requirement	\$766,364,657					Sum of lines 3-7
9	Remove Palisades Return Of and On	<u>(\$88,405,903)</u>					Exhibit A-2 (CFB-2)
10	Total Revenue Requirement	\$677,958,754	\$677,958,754	\$677,958,754	\$677,958,754	\$677,958,754	Sum of lines 8-9
11	Total Revenue	\$2,325,666,000	\$2,325,666,000	\$2,325,666,000	\$2,325,666,000	\$2,325,666,000	Exhibit A-2 (CFB-2)
12	Remove Palisades Return Of and On	<u>(\$88,405,903)</u>	<u>(\$88,405,903)</u>	<u>(\$88,405,903)</u>	<u>(\$88,405,903)</u>	<u>(\$88,405,903)</u>	Exhibit A-2 (CFB-2)
13	Remove Nuclear Decommissioning Revenue	<u>(\$49,955,000)</u>	<u>(\$49,955,000)</u>	<u>(\$49,955,000)</u>	<u>(\$49,955,000)</u>	<u>(\$49,955,000)</u>	Exhibit A-2 (CFB-2)
14	Less: 96 Fuel	<u>(\$267,873,000)</u>	<u>(\$267,873,000)</u>	<u>(\$267,873,000)</u>	<u>(\$267,873,000)</u>	<u>(\$267,873,000)</u>	Exhibit A-2 (CFB-2)
15	Less: 96 P&I	<u>(\$727,264,000)</u>	<u>(\$727,264,000)</u>	<u>(\$727,264,000)</u>	<u>(\$727,264,000)</u>	<u>(\$727,264,000)</u>	Exhibit A-2 (CFB-2)
16	Sub Total	\$1,192,168,097	\$1,192,168,097	\$1,192,168,097	\$1,192,168,097	\$1,192,168,097	Sum of lines 11-15
17	Plus: 2004 Fuel	\$309,258,160					Exhibit A-2 (CFB-2)
18	Plus: 2004 P&I (col b) & 2004 PSCR Revenues (col c)	<u>\$740,466,689</u>	<u>\$960,289,276</u>	<u>\$938,185,372</u>	<u>\$447,006,234</u>	<u>\$447,006,234</u>	Exhibit A-2 (CFB-2)
19	1996 Revenue Adjusted for 2004 PSCR Costs/Revenues	\$2,241,892,946	\$2,152,457,373	\$2,130,353,469	\$1,639,174,331	\$1,639,174,331	Sum of lines 17-18
20	Fixed Generation as a % of Total Sales	30.2405%	31.4970%	31.8238%	41.3598%	41.3598%	Line 10 divided by Line 19
<u>JURISDICTIONAL P&I CAPACITY</u>							
21	2004 Actual Fixed Capacity Costs	\$498,821,042	<u>Exhibit A-13 (DFR-1), Case U-13917-R</u>				
22	2004 PSCR Jurisdictional Factor	<u>89.61%</u>	<u>Exhibit A-22 (JMS-3 Rev), Case U-13917-R</u>				
23	2004 Jurisdictional P&I Capacity Costs	\$447,006,234					

NOTE: Column (e), Line 18 is the 2004 Jurisdictional P&I Capacity Costs

ENERGY MICHIGAN

Consumers Energy Company's 2004 Stranded Cost Case

Case No: U-14526
Exhibit No. EM-3 (RAP-3)
Page No: 1 of 1
Witness: R.A. Polich
Date: 6-Mar-06

PLATTS POWER SALES ANALYSIS

Third Quarter 2005

CONSUMERS ENERGY CO

Line	DELIVERY POINT	VOLUME		POWER COST
		MWh	VALUE	\$/MWh
1	MECS	10,005,448	\$681,862,477	\$68.15
2	Michigan Hub	27,600	\$2,738,599	\$99.22
3	PJMC	6,731	\$674,900	\$100.27
4	First	5,288	\$504,446	\$95.39
5	PJM	217	\$21,700	\$100.00
6	N IPSCO	135	\$13,500	\$100.00
7	CORAL POWER LLC SP-15	18,759,857	\$1,348,067,784	\$71.86
8	ERCOT	12,787,033	\$799,503,167	\$62.52
9	ERCOT NORTH	8,289,070	\$547,207,235	\$66.02
10	Np.15	6,576,327	\$429,461,623	\$65.30
11	MID COLUMB1A	6,149,975	\$379,387,453	\$61.69
12	ERCOT HOUSTON	4,416,333	\$281,307,509	\$63.70
13	PALO VERDE	3,203,664	\$194,092,076	\$60.58
14	ENTERGY	2,776,367	\$202,068,080	\$72.78
15	ERCOT South	2,567,090	\$151,126,772	\$58.87
16	ERCOT Northeast	2,281,323	\$149,443,396	\$65.51
17	CINERGY	1,376,449	\$78,819,347	\$57.26
18	ERCOT WEST	1,329,863	\$85,107,866	\$64.00
19	SOUTHERN	1,076,677	\$71,110,908	\$66.05
20	CALISCO	1,000,732	\$68,002,999	\$67.95
21	PJM WEST HUB	888,291	\$53,642,193	\$60.39
22	PJM	810,341	\$78,732,145	\$97.16
23	PJM BGE ZONE	571,734	\$36,545,675	\$63.92
24	MEAD	527,748	\$32,633,729	\$61.84
25	PJM PEPSCO ZONE	184,076	\$11,968,212	\$65.02
26	MECS	162,102	\$8,373,866	\$51.66
27	COB	146,869	\$8,408,593	\$57.25
28	NEPOOL	121,912	\$12,405,760	\$101.76
29	PJM EAST HUB	110,400	\$9,995,633	\$90.54
30	NEPOOL MASS HUB	102,400	\$7,111,680	\$69.45
31	Michigan Hub	96,592	\$6,308,228	\$65.31
32	FOUR CORNERS	47,293	\$2,749,748	\$58.14
33	NY ISO	46,994	\$4,322,909	\$91.99
34	SWPP	29,731	\$3,488,845	\$117.35
35	NOB	18,859	\$1,260,446	\$66.84
36	WESTWING	14,520	\$1,004,432	\$69.18
37	NY ISO OH	14,254	\$998,986	\$70.08
38	PJMC	8,274	\$564,523	\$68.23
39	MISO	7,179	\$577,978	\$80.51
40	ZP-26	2,674	\$178,712	\$66.83
41	ONTARIO	1,558	\$120,362	\$77.25
42	NYISO ZONE J	2	\$209	\$104.50
43	TOTALS	86,549,982	\$5,751,914,701	\$66.46

ENERGY MICHIGAN

**Consumers Energy Company's 2004 Stranded Cost Case
EXAMPLE IMPACT OF PSCR REVENUES DOUBLE RECOVERY**

Case No: U-14526
Exhibit No. EM-4 (RAP-4)
Page No: 1 of 1
Witness: R.A. Polich
Date: 6-Mar-06

Line ASSUMPTIONS USED IN EXAMPLE

No.

Costs from Last General Rate Case:		
1	Total Revenue Requirement	\$2,000,000,000
2	Generation Related Revenue Requirement	\$500,000,000
3	PSCR Related Costs	\$1,000,000,000
Changes in Cost for Stranded Cost Case:		
		<u>Percent Change</u> <u>Total Cost</u>
4	Total Revenue Requirement	6% \$2,120,000,000
5	Generation Related Revenue Requirement	2% \$510,000,000
6	PSCR Related Costs	10% \$1,100,000,000

STRANDED COST CALCULATION

STEP 1- Calculation of Fixed Generation Costs Percent of Total Sales (Similar to Exhibit A-2, (CFB-2))

<u>Line No.</u>	<u>Description</u>	<u>LAST RATE CASE</u>	<u>FUTURE STRANDED COST CASE "CONSUMER S' METHOD"</u>	<u>FUTURE WITHOUT PSCR REVENUES "ENERGY MICHIGAN'S METHOD"</u>	<u>NOTES:</u>
(a)	(b)	(c)	(d)		
7	Total Revenue Requirement	\$2,000,000,000	\$2,000,000,000	\$2,000,000,000	Equivalent to In 16, Exhibit A-2 (CFB-2)
8	Less Last Case PSCR Revenues	<u>(\$1,000,000,000)</u>	<u>(\$1,000,000,000)</u>	<u>(\$1,000,000,000)</u>	Equivalent to Ins 17 & 18, Exhibit A-2 (CFB-2)
9	Sub Total	\$1,000,000,000	\$1,000,000,000	\$1,000,000,000	Equivalent to In 19, Exhibit A-2 (CFB-2)
10	Plus Current PSCR Revenues	<u>\$1,000,000,000</u>	<u>\$1,100,000,000</u>	<u>\$0</u>	Equivalent to Ins 20 & 21, Exhibit A-2 (CFB-2)
11	Last Rate Case Revenue Adjusted for Current PSCR	\$2,000,000,000	\$2,100,000,000	\$1,000,000,000	Equivalent to In 22, Exhibit A-2 (CFB-2)
12	Generation Related Revenue Requirement	\$500,000,000	\$500,000,000	\$500,000,000	Equivalent to In 13, Exhibit A-2 (CFB-2)
13	Generation Related Rev. Req. as a % Revenues from Ult. Customers	25.0000%	23.8095%		Equivalent to In 15, Exhibit A-2 (CFB-2)
14	Fixed Generation Costs Percent of Non-PSCR Revenues	50.0000%	50.0000%	50.0000%	Line 12 / Line 11

STEP 2 - Calculation of Stranded Costs (Similar to Exhibit A-1 (CFB-1))

15	Total Revenue from Sales to Ultimate Customers	\$2,120,000,000	\$2,120,000,000	\$2,120,000,000	Equivalent to In 15, Exhibit A-1 (CFB-1)
16	Remove Current PSCR Revenues	<u>\$0</u>	<u>\$0</u>	<u>(\$1,100,000,000)</u>	Current PSCR Revenues
17	Adjusted Revenue from Sales to ultimate customer	\$2,120,000,000	\$2,120,000,000	\$1,020,000,000	Equivalent to In 15, Exhibit A-1 (CFB-1)
18	Generation Related Rev. Req. as a % Revenues from Ult. Customers	<u>25.0000%</u>	<u>23.8095%</u>	<u>50.0000%</u>	From lines 13 & 14
19	Fixed Generation Related Revenues	\$530,000,000	\$504,761,905	\$510,000,000	Equivalent to In 19, Exhibit A-1 (CFB-1)
20	Total Contribution to Fixed Generation Costs	\$510,000,000	\$510,000,000	\$510,000,000	Equivalent to In 14, Exhibit A-1 (CFB-1)
21	Total Stranded Costs/(Benefits)	<u>(\$20,000,000)</u>	\$5,238,095	\$0	Equivalent to In 20, Exhibit A-1 (CFB-1)
22	Portion of Stranded Cost related to PSCR Costs			\$5,238,095	

Consumers Energy Company
 Power Supply Cost Recover Reconciliation
 Summary

Sales in kWh	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. Billed PSQR Sales	2,765,489,601	2,630,793,739	2,436,792,986	2,350,908,119	2,282,250,453	2,439,635,896	2,583,772,414	2,586,074,111	2,611,647,592	2,412,777,734	2,365,102,276	2,653,521,143	30,118,486,064
2. Current Month Unbilled PSQR Sales	1,584,551,445	1,468,396,204	1,516,192,706	1,364,712,167	1,450,276,190	1,396,291,423	1,492,436,024	1,622,802,352	1,525,886,947	1,464,225,340	1,413,791,698	1,396,951,932	17,696,514,428
3. Prior Month Unbilled PSQR Sales	(1,618,342,771)	(1,584,551,445)	(1,468,396,204)	(1,516,192,706)	(1,364,712,167)	(1,450,276,190)	(1,396,291,423)	(1,492,436,024)	(1,525,886,947)	(1,464,225,340)	(1,413,791,698)	(1,396,951,932)	(17,917,905,267)
4. Total Calendar PSQR Sales (Line 1 + Line 2 - Line 3)	2,751,698,275	2,514,638,498	2,484,589,488	2,199,427,580	2,367,814,476	2,385,655,129	2,679,917,015	2,716,440,439	2,514,732,187	2,350,816,127	2,314,668,634	2,656,681,377	29,897,075,225
5. Total System Sales	3,024,723,697	2,737,812,155	2,800,444,824	2,526,091,967	2,651,138,783	2,678,596,040	3,009,481,342	2,997,741,084	2,859,093,079	2,669,104,829	2,536,612,631	2,909,302,803	33,500,143,234
6. Less Incremental Sales	12,495,000	12,616,000	10,447,000	10,977,000	10,297,500	12,637,000	13,658,000	13,961,000	15,870,000	13,699,000	14,016,000	5,431,000	146,504,500
7. Total System Less Incremental	3,012,228,697	2,725,196,155	2,789,997,824	2,515,114,967	2,640,841,283	2,665,959,040	2,995,823,342	2,983,780,084	2,843,223,079	2,655,505,829	2,622,596,631	2,903,871,803	33,353,638,734
8. Percentage Less Incremental Sales	91.35%	92.27%	89.05%	87.45%	88.90%	89.49%	89.46%	91.04%	88.45%	88.54%	88.26%	89.80%	

Revenue in \$

9. Billed PSQR (Line 1 * Line 9 - Line 10)	87,051,386	82,391,038	76,458,138	73,815,194	71,111,013	76,611,820	79,882,575	80,607,461	81,896,637	75,777,501	74,220,106	83,088,950	942,881,938
10. Current Month Unbilled PSQR (Line 2 * Line 9 - Line 11)	49,508,957	45,972,180	47,558,411	42,830,418	45,585,169	43,215,115	46,500,669	50,854,354	47,829,415	45,972,282	44,347,542	46,004,541	556,159,074
11. Prior Month Unbilled PSQR (Line 3 * Line 9 - Line 12)	(50,701,007)	(49,508,957)	(45,972,180)	(47,558,411)	(42,830,419)	(45,585,169)	(43,215,115)	(46,500,689)	(50,854,354)	(47,829,415)	(45,972,282)	(44,347,542)	(560,855,540)
12. Total PSQR Revenue	85,859,335	78,854,261	78,044,369	69,087,200	73,845,765	74,261,766	83,168,148	84,961,146	78,871,698	73,920,368	72,595,365	84,715,949	938,185,372

Power Supply Cost in \$

13. Fuel for Generation	26,141,846	22,560,793	26,410,341	23,186,172	24,602,840	26,126,201	29,288,703	27,756,794	28,624,380	26,672,633	26,023,933	27,916,625	315,491,261
14. Purchased and Interchange Power	66,210,605	67,504,117	56,863,841	51,878,911	53,951,443	65,820,473	78,505,295	79,580,431	74,710,110	74,571,584	63,430,292	63,874,885	796,901,887
15. Less Transmission Revenue in Tariff Rates (Line 5 - 0.000007)	6,178,603	5,592,529	5,720,469	5,160,048	5,415,481	5,471,568	6,147,468	6,123,486	5,840,269	5,542,180	5,385,809	5,942,833	68,430,743
16. Nox Costs	-	-	-	-	389,885	1,524,949	2,075,763	1,598,347	1,783,650	(125,860)	(175,234)	(59,640)	7,011,960
17. Stranded Cost Adider	-	-	-	4,316,000	10,029,000	4,028,000	3,112,000	1,911,000	730,000	-	-	-	24,126,000
18. Total Costs (Line 17 - Line 18 - Line 19)	86,173,848	84,472,381	77,553,513	74,221,035	83,557,687	92,028,055	106,814,293	104,723,086	100,007,871	95,866,177	83,893,182	85,789,137	1,075,100,265
19. Less Incremental Sales Costs	282,497	288,021	262,979	246,663	196,343	183,954	329,159	374,444	368,048	423,952	414,012	159,523	3,519,595
20. Total Costs Less Incremental Costs	85,911,351	84,184,360	77,290,534	73,974,372	83,371,344	91,844,101	106,485,134	104,348,642	99,619,823	95,442,225	83,479,170	85,629,614	1,071,580,670
21. Jurisdictional Percentage	91.35%	92.27%	89.05%	87.45%	88.90%	89.49%	89.46%	91.04%	88.45%	88.54%	88.26%	89.80%	
22. Cost Allocated to PSQR (Line 24 - Line 25)	78,460,799	77,679,898	68,829,892	64,689,398	74,120,489	82,187,303	95,262,752	94,999,250	88,110,278	84,500,840	73,677,597	77,750,680	960,289,276
23. Total PSQR Revenue	85,859,335	78,854,261	78,044,369	69,087,200	73,845,765	74,261,766	83,168,148	84,961,146	78,871,698	73,920,368	72,595,365	84,715,949	938,185,372
24. Over/(Under) Recovery (Line 27 - Line 26)	7,378,536	1,174,263	9,214,477	4,397,802	(274,724)	(7,925,537)	(92,160,752)	(93,029,250)	(87,439,278)	(10,860,472)	(1,092,232)	6,965,269	(22,103,904)
25. Cumulative Over/(Under) Recovery	7,378,536	8,552,799	17,767,277	22,165,079	21,890,355	13,964,818	(78,165,934)	(171,215,184)	(288,654,462)	(269,334,934)	(270,317,165)	(263,351,896)	

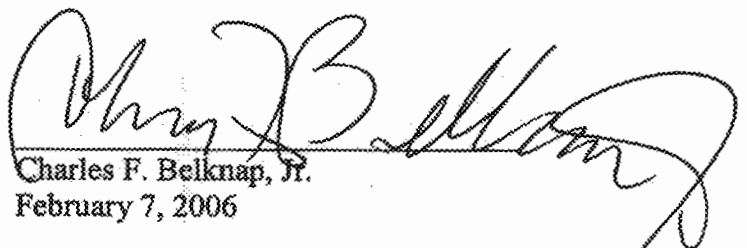
14526-EM-CE-4

QUESTION

4. Please provide the total megawatt hours of ROA service for the calendar year 2004.

RESPONSE

4. The Company recorded 4,151,617 MWh of ROA service in calendar year 2004.


Charles F. Belknap, Jr.
February 7, 2006

Rates and Business Support Department

52600003

14526-EM-CE-5

Question:

5. Please provide the total megawatt hours of jurisdictional third party sales during 2004.

Response:

The total megawatt hours of jurisdictional third party sales during 2004 was 2,243,600 MWh. This amount can be found on line 9 of Exhibit A-7 (JMK-3).


Jeanne M. Kurzynowski
2/6/2006

Transaction Strategies Department

52600004

CFB WP-1

Consumers Energy Company
Development of the Jurisdictional Plant, Depreciation
Reserve & Expense, PPA, Insurance and
Real & Personal Property Tax Amounts

Line No.	Description (a)	2004 Amount (b)	P-521 Page/Source (c)
Development of Production Plant and CWIP			
1	Total Production Plant	\$ 3,093,320,488	(CFB WP-5a, line-5)
2	Jurisdictional Factor	98.3662%	U-12639 Ex. S-25 (GFG-2), L-28
3	Jurisdictional Amount	<u>\$ 3,042,781,818</u>	
4	CWIP Nuclear Additions	\$ 35,596,041	216 (CFB WP-10)
5	CWIP Fossil / Hydro	26,786,158	216 (CFB WP-10)
6	CWIP Clean Air	186,012,975	216 (CFB WP-10)
7	CWIP Ludington	-	216 (CFB WP-10)
8	Total CWIP	\$ 248,395,174	
9	Jurisdictional Factor	98.3662%	U-12639 Ex. S-25 (GFG-2), L-28
10	Jurisdictional Amount	<u>\$ 244,336,894</u>	
Depreciation Reserve:			
11	Steam	\$ 820,844,465	(CFB WP-5a, line-14)
12	Nuclear	737,475,914	219 (CFB WP-11)
13	Hydro Conventional	14,916,456	219 (CFB WP-11)
14	Hydro Pumped Storage	102,452,431	219 (CFB WP-11)
15	Other Production	39,457,722	219 (CFB WP-11)
16	Total	\$ 1,715,146,988	
17	Jurisdictional Factor	98.2375%	U-12639 Ex. S-25 (GFG-2), L-39
18	Jurisdictional Amount	<u>\$ 1,684,917,522</u>	
19	Net Jurisdictional Plant Including CWIP	<u>\$ 1,602,201,189</u>	Line 3 + Line 10 - Line 18
Depreciation Expense			
20	Total Steam	\$ 54,741,700	336 (CFB WP-47)
21	Total Nuclear	5,210,200	336 (CFB WP-47)
22	Hydro Conventional	1,650,300	336 (CFB WP-47)
23	Hydro Ludington	5,568,700	336 (CFB WP-47)
24	Other Production	345,600	336 (CFB WP-47)
25	Total Depreciation Expense	\$ 67,516,500	
26	Jurisdictional Factor	98.2375%	U-12639 Ex. S-25 (GFG-2), L-39
27	Jurisdictional Depreciation Expense	<u>\$ 66,328,522</u>	
28			
29	PPA Capacity (Demand Charges)	\$ 516,278,332	326-327(CFB WP-34-35)
30	Less: Options 3 rd Parties	12,756,003	326-327(CFB WP-40-41)
31	PPA Capacity Net of Options	\$ 503,522,329	
32	Jurisdictional Factor	98.9750%	U-12639 Ex. S-25 (GFG-2), L-45
33	Total	<u>\$ 498,361,225</u>	
34	Total Insurance	\$ 8,335,510	323 (CFB WP-33)
35	Production %	43.0437%	CFB WP-2, line 6
36	Production Insurance	\$ 3,587,913	
37	Jurisdictional Factor	98.0010%	U-12639 Ex. S-25 (GFG-2), L-22
38	Jurisdictional Amount	<u>\$ 3,516,190</u>	
39	Total R&PP Tax	\$ 102,196,512	263 (CFB WP-13 and 14)
40	Production %	43.0437%	CFB WP-2, line 6
41	Production R&PP Tax	\$ 43,989,169	
42	Jurisdictional Factor	98.3500%	U-12639 Ex. S-25 (GFG-2), L-18
43	Jurisdictional Amount	<u>\$ 43,263,348</u>	

CFB WP-2

Consumers Energy Company
Development of the Jurisdictional Amount of Seasonal
Capacity, Production Plant as a % of Total Plant,
Total Sales to Ultimate Customers and the Total
Securitization Bond and Tax Charge Revenue

Line No.	Description (a)	2004 Amount (b)	P-521 Page/Source (c)
Jurisdictional Cost of Seasonal Capacity			
1	Net Cost of Seasonal Capacity	\$ 14,254,472	Exhibit A-___ (JMK-1)
2	Jurisdictional Factor	98.97500%	U-12639 Ex. GFG-2
3	Jurisdictional Amount	<u>\$ 14,108,364</u>	
Production Plant as a % of Total Plant			
4	Total Production Plant	<u>\$ 3,093,320,488</u>	(CFB WP-5a, line-5)
5	Total Electric Plant in Service	<u>\$ 7,186,463,639</u>	(CFB WP-5a, line-19)
6	Production as a % of Total	<u>43.0437%</u>	Line 4 / Line 5
Adjusted Revenues from Ultimate Customers			
7	Total Revenues from Ultimate Customers	\$ 2,367,896,393	300 (CFB WP-17)
8	Remove: Securitization Bond and Tax Charge Revenue	(56,808,354)	Line 17
9	Remove: Nuclear Decommissioning Revenue	(5,733,881)	CFB WP-50
10	Remove: Renewable Energy Surcharge Revenue	(23,955)	CFB WP-19
11	Remove: ERIP Surcharge Revenue	(7,662,601)	CFB WP-19
12	Remove: Security Cost Recovery Revenue	(1,034,735)	CFB WP-19
13	Add: Imputed Special Contract Revenue	28,557,208	CFB WP-2b
14	Adjusted Total Revenues from Ultimate Customers	<u>\$ 2,325,190,075</u>	
Total Securitization Bond and Tax Charge Revenue			
15	Total Sales to Ultimate Customers (MWh)	33,039,318	301 (CFB WP-18)
16	Securitization Bond and Tax Charge (\$/MWh)	\$ 1.719	Line 20
17	Total Securitization Bond and Tax Charge Revenue	<u>\$ 56,808,354</u>	
18	January 2004 - November 2004 (\$/MWh)	\$ 1.718	CFB WP-63
19	11 months / 12 months	91.6667%	
20	Total	<u>\$ 1.575</u>	
21	December 2004 (\$/MWh)	\$ 1.735	CFB WP-63
22	1 month / 12 months	8.3333%	
23	Total	<u>\$ 0.145</u>	
24	Weighted Securitization Bond and Tax Charge (\$/MWh)	<u>\$ 1.719</u>	Line 16 + Line 19

Name of Respondent Consumers Energy Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2004/Q4
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ELECTRIC OPERATING REVENUES (Account 400)

CFB WP-17

- The following instructions generally apply to the annual version of these pages. Do not report quarterly data in columns (c), (e), (f), and (g). Unbilled revenues and MWH related to unbilled revenues need not be reported separately as required in the annual version of these pages.
- Report below operating revenues for each prescribed account, and manufactured gas revenues in total.
- Report number of customers, columns (f) and (g), on the basis of meters, in addition to the number of flat rate accounts; except that where separate meter readings are added for billing purposes, one customer should be counted for each group of meters added. The -average number of customers means the average of twelve figures at the close of each month.
- If increases or decreases from previous period (columns (c),(e), and (g)), are not derived from previously reported figures, explain any inconsistencies in a footnote.

Line No.	Title of Account (a)	Operating Revenues Year to Date Quarterly/Annual (b)	Operating Revenues Previous year (no Quarterly) (c)
1	Sales of Electricity		
2	(440) Residential Sales	996,750,374	1,005,246,998
3	(442) Commercial and Industrial Sales		
4	Small (or Comm.) (See Instr. 4)	817,839,440	826,733,863
5	Large (or Ind.) (See Instr. 4)	527,064,400	562,252,314
6	(444) Public Street and Highway Lighting	23,063,179	22,597,782
7	(445) Other Sales to Public Authorities		
8	(446) Sales to Railroads and Railways		
9	(448) Interdepartmental Sales	3,179,000	3,170,081
10	TOTAL Sales to Ultimate Consumers	2,367,896,393	2,420,001,038
11	(447) Sales for Resale	115,757,563	75,698,488
12	TOTAL Sales of Electricity	2,483,653,956	2,495,699,526
13	(Less) (449.1) Provision for Rate Refunds	3,792,355	7,452,599
14	TOTAL Revenues Net of Prov. for Refunds	2,479,861,601	2,488,246,927
15	Other Operating Revenues		
16	(450) Forfeited Discounts	8,967,526	9,560,449
17	(451) Miscellaneous Service Revenues	2,378,060	2,016,068
18	(453) Sales of Water and Water Power		
19	(454) Rent from Electric Property	21,472,797	22,688,028
20	(455) Interdepartmental Rents		
21	(456) Other Electric Revenues	30,099,090	21,398,332
22			
23			
24			
25			
26	TOTAL Other Operating Revenues	62,917,473	55,662,877
27	TOTAL Electric Operating Revenues	2,542,779,074	2,543,909,804

Energy Michigan, Inc.
Case U-14526
Exhibit EM-7
Pg 3 of 13

CFB WP-60

Consumers Energy Company
Development of the Total Sales Revenue
from Case No. U-10685 (000)

Energy Michigan, Inc.
Case U-14526
Exhibit EM-7
Pg 4 of 13

Line No.	Description (a)	Amount (b)
1	Total Operating Revenues	\$ 2,209,603 ¹
2	Revenue Deficiency Granted	46,459 ²
3	Additional Revenue Requirement - MCV 325 MW Capacity	71,200 ³
4	Rehearing Order Change	<u>(1,596) ⁴</u>
5	Total Electric Sales Revenue from U-10685	<u>\$ 2,325,666</u>

Footnotes

¹ Partial Final Order dated 5-Feb-1996, page 33.

² Partial Final Order dated 5-Feb-1996, page 36.

³ Final Order dated 14-Nov-1996, page 36.

⁴ Rehearing Order dated 10-Apr-1997, Exhibit B.

Based on the Commission's findings and the record, Consumers' adjusted net operating income is \$255,707,000, which is calculated as follows:

	<u>(in \$000)</u>
Operating revenues:	
Sales revenues	\$2,193,908
Miscellaneous revenues	<u>15,695</u>
Total operating revenues	\$2,209,603
Jurisdictional expenses:	
Fuel for generation	\$ 267,873
Purchased and net interchange power	656,064
O&M	524,909
Depreciation and amortization	233,750
Decommissioning	50,044
General taxes - Real and personal property	103,554
General taxes - Other	22,530
General taxes - Michigan single business tax	18,308
Federal income taxes	<u>78,611</u>
Total jurisdictional expenses	\$ 1,955,643
Net operating income	\$ 253,960
Allowance for funds used during construction	<u>1,747</u>
ADJUSTED NET OPERATING INCOME	\$ <u>255,707</u>

$$\begin{array}{r} 656,064 \\ 71,200 \\ \hline 727,264 \end{array}$$

Note
Additional expense related to 325-MW of MCV capacity (First Order: U-10685, dated 14 Nov-96, p 36 + 125)

Demand-Side Management

Consumers states that it expended \$2,623,000 on Case No. U-9346 DSM programs⁷ in addition to amounts for which rate recovery has been provided. It says that, as a result of the Commission's June 19, 1995 order in Case No. U-10554, it is entitled to recover those expenditures. It asks that its revenue requirement be increased by \$715,000 to reflect the additional authorized spending. No one objected to the adjustment, which the Commission accepts,

⁷The Commission's May 7, 1991 order in Case No. U-9346, pp. 133-138, authorized Consumers to undertake DSM programs.

CFB-WP-62

Energy Michigan, Inc.
Case U-14526
Exhibit EM-7
Pg 6 of 13

Consumers Energy Company
2004 PSCR Reconciliation
Case No. U-13917-R Jurisdictional Components

Line No.	Description (a)	Amount (b)	Source (c)
1	Fuel Expense	\$ 315,491	MAT WP-63a, line 13
2	Jurisdictional Factor	0.980244	MAT WP-62c
3	Jurisdictional Amount	<u>\$ 309,258</u>	
4	Purchase & Interchange Expense	\$ 796,902	MAT WP-62a, line 14
5	Less: Transmission Revenue in Tariff Rates	(68,431)	MAT WP-62a, line 15
6	NO _x Costs	7,012	MAT WP-62a, line 16
7	Stranded Cost Adder	21,344	MAT WP-62a, line 17
8	Less: Incremental Sales	<u>(3,520)</u>	MAT WP-62a, line 19
9	Subtotal	\$ 753,307	
10	Jurisdictional Factor	0.979338	MAT WP-62d
11	Jurisdictional Amount	<u>\$ 737,742</u>	
12	Capacity Charges	\$ 511,577	MAT WP-62b
13	Jurisdictional Factor	0.979338	MAT WP-62d
14	Jurisdictional Amount	<u>\$ 501,007</u>	

LFB WP-62a

CASE NO U-13817-R
EXHIBIT A-22 (Amended)
WITNESS Address March 2006
DATE March 2006
PAGE 1 of 1

Customer Energy Company
Power Supply Cost Recovery Reconciliation
Summary

Balance in Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. Billing POCB Balances	2,795,488,821	2,630,793,729	2,428,763,888	2,288,000,119	2,092,290,453	2,048,888,888	2,065,772,714	2,088,074,111	2,011,867,682	2,012,477,794	2,008,162,379	2,003,971,143	20,142,488,064
2. Current Month Unbilled POCB Balances	1,984,881,646	1,688,388,248	1,478,182,795	1,288,713,142	1,088,271,428	1,022,821,428	1,022,821,428	1,022,821,428	1,022,821,428	1,022,821,428	1,022,821,428	1,022,821,428	11,817,817,817
3. Prior Month Unbilled POCB Balances	(1,918,342,771)	(1,584,551,645)	(1,488,388,248)	(1,318,142,795)	(1,148,271,428)	(1,088,271,428)	(1,022,821,428)	(1,022,821,428)	(1,022,821,428)	(1,022,821,428)	(1,022,821,428)	(1,022,821,428)	(11,817,817,817)
4. Total Customer POCB Balances Same as 1 + 2 - 3	2,781,987,696	2,634,630,332	2,420,558,435	2,278,570,466	2,092,309,453	2,068,917,468	2,065,772,714	2,088,074,111	2,011,867,682	2,012,477,794	2,008,162,379	2,003,971,143	20,142,488,064
5. Total System Balances	3,004,728,867	2,797,812,166	2,608,444,824	2,428,091,867	2,261,538,725	2,078,888,846	2,088,491,342	2,087,241,684	2,008,008,079	2,008,904,828	2,008,923,871	2,008,202,823	20,880,143,224
6. Loan Reconciliation Balances	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	148,500,000
7. Total System Loans Investment	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	12,485,000	148,500,000
8. Power Supply POCB Balances to Utility	3,017,273,867	2,778,188,166	2,740,979,824	2,658,114,867	2,474,023,725	2,281,373,846	2,200,976,342	2,200,726,684	2,020,493,079	2,021,462,828	2,021,408,871	2,020,687,823	20,330,988,064
9. System Loans Investment Balances	91.30%	92.27%	92.89%	93.49%	94.09%	94.69%	95.29%	95.89%	96.49%	97.09%	97.69%	98.29%	98.89%
10. Billing POCB Same as 1 + 2 - 3	2,781,987,696	2,634,630,332	2,420,558,435	2,278,570,466	2,092,309,453	2,068,917,468	2,065,772,714	2,088,074,111	2,011,867,682	2,012,477,794	2,008,162,379	2,003,971,143	20,142,488,064
11. Prior Month Unbilled POCB Same as 2 - 3	(1,918,342,771)	(1,584,551,645)	(1,488,388,248)	(1,318,142,795)	(1,148,271,428)	(1,088,271,428)	(1,022,821,428)	(1,022,821,428)	(1,022,821,428)	(1,022,821,428)	(1,022,821,428)	(1,022,821,428)	(11,817,817,817)
12. Total POCB Revenues	863,644,925	1,050,078,687	932,170,187	960,427,671	944,038,025	980,646,040	1,042,951,286	1,065,253,183	989,046,263	989,656,300	985,340,951	981,150,715	9,324,670,247
13. Fuel for Generation	28,141,848	22,583,793	26,610,341	23,988,172	24,882,840	24,128,291	24,288,793	27,788,794	28,824,260	28,872,823	28,820,833	27,814,826	216,481,261
14. Production and Intermittent Power	88,270,889	87,394,117	88,883,841	81,878,811	83,881,483	86,882,873	78,881,110	74,871,884	81,882,282	81,882,282	81,882,282	81,882,282	788,881,887
15. Loan Reconciliation Balances to Total System Loans Investment	8,178,880	8,178,880	8,178,880	8,178,880	8,178,880	8,178,880	8,178,880	8,178,880	8,178,880	8,178,880	8,178,880	8,178,880	81,788,880
16. Total System Loans Investment	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	163,577,727
17. Total System Loans Investment	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	163,577,727
18. Total System Loans Investment	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	163,577,727
19. Total System Loans Investment	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	163,577,727
20. Total System Loans Investment	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	163,577,727
21. Total System Loans Investment	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	163,577,727
22. Total System Loans Investment	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	163,577,727
23. Total System Loans Investment	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	163,577,727
24. Total System Loans Investment	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	163,577,727
25. Total System Loans Investment	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	16,357,727	163,577,727

24,250,000

216,481,261
788,881,887
81,788,880
7,011,880
1,072,318,286
3,918,985
1,088,788,870
987,777,887

Purchased & Interchanged Power
Year to Date 2004

CASE NO. U-13917-R
REVISED EXHIBIT A-13 (DFR-1)
WITNESS DF Ronk, Jr.
DATE May 2005
PAGE 1 of 13

Line	Description	MWH	Variable Energy	Admin Fees	Net Energy \$	Fixed Energy \$	Capacity \$	Total \$	Energy Cost \$/Mwh	Total Cost \$/Mwh
Purchased & Interchange Power Received										
1	Purchased Power	13,379,639	220,981,215	(847,511)	220,133,704	44,175,515	498,821,042	763,130,260	16.45	57.04
2	Interchange Received	1,072,285	0	0	31,770,058	0	0	31,770,058	29.63	29.63
3	Transmission	0	0	0	88,634,567	0	0	88,634,567	0.00	0.00
4	Options	0	0	0	0	0	12,756,003	12,756,003	0.00	0.00
5	Total P & I	14,451,924	220,981,215	(847,511)	340,538,329	44,175,515	511,577,045	896,290,888 (2,750,888)	46	87
Purchased & Interchange Power Delivered										
6	Interchange Delivered	2,480,664	0	0	93,104,932	0	0	93,104,932	37.53	37.53
7	Ancillary	2,480,664	0	0	6,284,069	0	0	6,284,069	0.00	0.00
8	Total Net Purchased & Interchanged Power	11,971,260	220,981,215	(847,511)	241,149,328	44,175,515	511,577,045	796,901,887	20.14	66.57
9	Recoverable Transmission	0	0	0	69,209,005	0	0	69,209,005	0.00	0.00
10	Total Net P & I Power less Recoverable Trans.	11,971,260	220,981,215	(847,511)	171,940,323	44,175,515	511,577,045	727,692,882	20.14	66.57

CFB WP-026

01/24/95

CONSUMERS POWER COMPANY
1996 ELECTRIC RELATIVE PROFITABILITY ANALYSIS
FORECASTED TEST YEAR-12 MONTHS ENDED DECEMBER 1996
PER BOOKS-MPSC ALLOCATION METHODOLOGY
ALTERNATIVE II PRESENTATION WITHOUT DISCOUNTED PRICING
ADJUSTED FOR 260 MW SHORT-TERM POWER SUPPLY COSTS
\$(000)

CFR WP-62C

TITLE PRODUCTION O&H EXPENSE-PAGE 1 OF 4

ACCOUNT TITLE	REPORTED ELECTRIC	NON-JURIS PWR SUPPLY	ADJUSTED ELECTRIC	WHOLESALE FOR RESALE	GRAND RAPIDS	JURIS-DICTIONAL	RETAIL WHEELING	COMPANY USE
FUEL FOR GENERATION EXPENSE								
ON-PEAK FUEL FOR GENERATION EXPENSE								
STEAM GENERATION-FOSSIL (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	172955	0	172955	3247	65	169643	0	71
			1.000000	0.018775	0.000377	0.980848	0.000000	0.000410
STEAM GENERATION-NUCLEAR (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	16814	0	16814	316	6	16492	0	7
			1.000000	0.018775	0.000377	0.980848	0.000000	0.000410
HYDRO GENERATION-PUMPED STORAGE (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	19465	0	19465	365	7	19093	0	8
			1.000000	0.018775	0.000377	0.980848	0.000000	0.000410
OTHER GENERATION (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	263	0	263	5	0	258	0	0
			1.000000	0.018775	0.000377	0.980848	0.000000	0.000410
(95) ON-PEAK FUEL FOR GENERATION EXPENSE	209497	0	209497	3933	78	205466	0	86
OFF-PEAK FUEL FOR GENERATION EXPENSE								
STEAM GENERATION-FOSSIL (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	73077	0	73077	1502	64	71511	0	27
			1.000000	0.020553	0.000881	0.978566	0.000000	0.000372
STEAM GENERATION-NUCLEAR (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	21691	0	21691	446	19	21226	0	8
			1.000000	0.020553	0.000881	0.978566	0.000000	0.000372
HYDRO GENERATION-PUMPED STORAGE (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	19465	0	19465	400	17	19048	0	7
			1.000000	0.020553	0.000881	0.978566	0.000000	0.000372
OTHER GENERATION (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	0	0	0	0	0	0	0	0
			1.000000	0.000000	0.000000	0.000000	0.000000	0.000000
(96) OFF-PEAK FUEL FOR GENERATION EXPENSE	75303	0	75303	1548	66	73489	0	28
(97) TOTAL FUEL FOR GENERATION EXPENSE	284800	0	284800	5481	144	279175	0	114

On Peak 209,497 73.54% 0.980848 0.721505
Off Peak 75,303 26.44 0.978566 0.258739
Total 284,800 0.980244

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CONSUMERS POWER COMPANY
1996 ELECTRIC RELATIVE PROFITABILITY ANALYSIS
FORECASTED TEST YEAR-12 MONTHS ENDED DECEMBER 1996
PER BOOKS-MPSC ALLOCATION METHODOLOGY
ALTERNATIVE II PRESENTATION WITHOUT DISCOUNTED PRICING
ADJUSTED FOR 260 MW SHORT-TERM POWER SUPPLY COSTS
\$(000)

TITLE PRODUCTION O&H EXPENSE-PAGE 1 OF 4

ACCOUNT TITLE	INTER DEPT USE	RATE A-1 4&S-NM	RATE A-1 4&S-W HTG	RATE A-1 4&S-SP HTG	RATE A-1 BR CITIZEN	RATE A-3 FARM TOD	RATE A-3 SP HTG TOD	TOTAL RES-IDENTIAL
FUEL FOR GENERATION EXPENSE								
ON-PEAK FUEL FOR GENERATION EXPENSE								
STEAM GENERATION-FOSSIL (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	250	29033	12181	3750	6536	113	91	51704
	0.001444	0.167865	0.070430	0.021679	0.037790	0.000652	0.000526	0.290942
STEAM GENERATION-NUCLEAR (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	24	2822	1184	365	635	11	9	5826
	0.001444	0.167865	0.070430	0.021679	0.037790	0.000652	0.000526	0.290942
HYDRO GENERATION-PUMPED STORAGE (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	28	3268	1571	422	736	13	10	5820
	0.001444	0.167865	0.070430	0.021679	0.037790	0.000652	0.000526	0.290942
OTHER GENERATION (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	0	44	19	6	10	0	0	79
	0.001444	0.167865	0.070430	0.021679	0.037790	0.000652	0.000526	0.290942
(95) ON-PEAK FUEL FOR GENERATION EXPENSE	302	35167	14755	4543	7917	137	110	62629
OFF-PEAK FUEL FOR GENERATION EXPENSE								
STEAM GENERATION-FOSSIL (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	87	15103	5677	1904	3218	46	48	26076
	0.001184	0.206668	0.077680	0.027146	0.044833	0.000633	0.000652	0.356812
STEAM GENERATION-NUCLEAR (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	26	4483	1685	509	955	14	14	7740
	0.001184	0.206668	0.077680	0.027146	0.044833	0.000633	0.000652	0.356812
HYDRO GENERATION-PUMPED STORAGE (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	23	4023	1512	528	857	12	13	6945
	0.001184	0.206668	0.077680	0.027146	0.044833	0.000633	0.000652	0.356812
OTHER GENERATION (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	0	0	0	0	0	0	0	0
	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
(96) OFF-PEAK FUEL FOR GENERATION EXPENSE	90	15563	5850	2045	3316	48	49	26871
(97) TOTAL FUEL FOR GENERATION EXPENSE	392	50730	20605	6588	11233	185	159	89500

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CONSUMERS POWER COMPANY
 1996 ELECTRIC RELATIVE PROFITABILITY ANALYSIS
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 ADJUSTED FOR 260 MW SHORT-TERM POWER SUPPLY COSTS
 \$(000)

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TITLE PRODUCTION O&M EXPENSE-PAGE 2 OF 4

ACCOUNT TITLE	REPORTED ELECTRIC	NON-JURIS PWR SUPPLY	ADJUSTED ELECTRIC	WHOLESALE FOR RESALE	GRAND RAPIDS	JURIS-DICTIONAL	RETAIL WHEELING	COMPANY USE
PURCHASED & NET INTERCHANGE POWER EXPENSE								
PURCHASED & NET INTERCHANGE CAPACITY (M6) 75% DEMAND-25% ENERGY @ GEN/TRANS	370565	2040	368525 1.000000	7429 0.020158	186 0.000504	360910 0.979338	0 0.000000	147 0.000399
ON-PEAK PURCH & NET INTERCHANGE ENERGY (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	169767	1177	168590 1.000000	3165 0.018775	63 0.000377	165362 0.980848	0 0.000000	69 0.000410
OFF-PEAK PURCH & NET INTERCHANGE ENERGY (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	121811	1516	120295 1.000000	2472 0.020553	186 0.000881	117717 0.978566	0 0.000000	45 0.000372
(98) TOTAL P & I POWER EXPENSE	662143	4733	657410	13066	355	643989	0	261
INCREMENTAL ENERGY COST ADJUSTMENT								
INCREMENTAL ENERGY COST CREDIT								
RATE F-1 ON-PEAK COSTS @ \$19.02/MMH (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	2256-	0	2256- 1.000000	42- 0.018775	1- 0.000377	2213- 0.980848	0 0.000000	1- 0.000410
WHOLESALE RATE ON-PEAK COSTS @ \$19.02/MMH (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	2218-	0	2218- 1.000000	42- 0.018775	1- 0.000377	2175- 0.980848	0 0.000000	1- 0.000410
RATE F-1 OFF-PEAK COSTS @ \$14.15/MMH (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	2088-	0	2088- 1.000000	43- 0.020553	2- 0.000881	2043- 0.978566	0 0.000000	1- 0.000372
WHOLESALE RATE OFF-PEAK COSTS @ \$14.15/MMH (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	454-	0	454- 1.000000	9- 0.020553	0 0.000881	445- 0.978566	0 0.000000	0 0.000372
TOTAL INCREMENTAL ENERGY COST CREDIT	7016-	0	7016-	136-	4-	6876-	0	3-
INCREMENTAL ENERGY COST DEBIT								
RATE F-1 INCREMENTAL COST DEBIT (B3) RATE F-1 INCREMENTAL COST RECOVERY	4344	0	4344 1.000000	0 0.000000	0 0.000000	4344 1.000000	0 0.000000	0 0.000000
WHOLESALE RATE INCREMENTAL COST DEBIT (H1) SPECIFIC WHOLESALE ASSIGNMENT	2672	0	2672 1.000000	2672 1.000000	0 0.000000	0 0.000000	0 0.000000	0 0.000000
TOTAL INCREMENTAL ENERGY COST ADJUSTMENT	0	0	0	2536	4-	2532-	0	3-

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CONSUMERS POWER COMPANY
 1996 ELECTRIC RELATIVE PROFITABILITY ANALYSIS
 FORECASTED TEST YEAR-12 MONTHS ENDED DECEMBER 1996
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 ADJUSTED FOR 260 MW SHORT-TERM POWER SUPPLY COSTS
 \$(000)

TITLE PRODUCTION O&M EXPENSE-PAGE 2 OF 4

ACCOUNT TITLE	INTER DEPT USE	RATE A-1 445-MMH	RATE A-1 445-M HTG	RATE A-1 445-SP HTG	RATE A-1 SR CITIZEN	RATE A-3 FARM TOD	RATE A-3 SP HTG TOD	TOTAL RES-IDENTIAL
PURCHASED & NET INTERCHANGE POWER EXPENSE								
PURCHASED & NET INTERCHANGE CAPACITY (M6) 75% DEMAND-25% ENERGY @ GEN/TRANS	495 0.001344	69148 0.167635	27483 0.074577	8530 0.023147	15264 0.041419	238 0.000645	194 0.000527	120857 0.327950
ON-PEAK PURCH & NET INTERCHANGE ENERGY (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	243 0.001444	28380 0.167865	11874 0.079430	3655 0.021679	4371 0.037790	118 0.000652	89 0.000526	50399 0.290942
OFF-PEAK PURCH & NET INTERCHANGE ENERGY (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	142 0.001184	24861 0.206668	9345 0.077680	3266 0.027146	5297 0.044033	76 0.000633	78 0.000652	42923 0.356812
(98) TOTAL P & I POWER EXPENSE	880	122309	48702	15451	26932	424	361	214179
INCREMENTAL ENERGY COST ADJUSTMENT								
INCREMENTAL ENERGY COST CREDIT								
RATE F-1 ON-PEAK COSTS @ \$19.02/MMH (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	3- 0.001444	379- 0.167865	159- 0.079430	49- 0.021679	85- 0.037790	2- 0.000652	1- 0.000526	475- 0.290942
WHOLESALE RATE ON-PEAK COSTS @ \$19.02/MMH (B1) FIRM ANNUAL ON-PEAK MWH @ GENERATION	3- 0.001444	372- 0.167865	156- 0.079430	48- 0.021679	84- 0.037790	1- 0.000652	1- 0.000526	662- 0.290942
RATE F-1 OFF-PEAK COSTS @ \$14.15/MMH (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	3- 0.001184	432- 0.206668	162- 0.077680	57- 0.027146	92- 0.044033	1- 0.000633	1- 0.000652	745- 0.356812
WHOLESALE RATE OFF-PEAK COSTS @ \$14.15/MMH (B2) FIRM ANNUAL OFF-PEAK MWH @ GENERATION	1- 0.001184	94- 0.206668	35- 0.077680	12- 0.027146	20- 0.044033	0 0.000633	0 0.000652	161- 0.356812
TOTAL INCREMENTAL ENERGY COST CREDIT	10-	1277-	512-	166-	281-	4-	3-	2243-
INCREMENTAL ENERGY COST DEBIT								
RATE F-1 INCREMENTAL COST DEBIT (B3) RATE F-1 INCREMENTAL COST RECOVERY	0 0.000000	0 0.000000	0 0.000000	0 0.000000	0 0.000000	0 0.000000	0 0.000000	0 0.000000
WHOLESALE RATE INCREMENTAL COST DEBIT (H1) SPECIFIC WHOLESALE ASSIGNMENT	0 0.000000	0 0.000000	0 0.000000	0 0.000000	0 0.000000	0 0.000000	0 0.000000	0 0.000000
TOTAL INCREMENTAL ENERGY COST ADJUSTMENT	10-	1277-	512-	166-	281-	4-	3-	2243-

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CFB-WP-71

Consumers Energy Company
Determination of PSCR Cost Recovery Revenues
2004

<u>Line</u>	<u>Category</u>		
1	Total Revenue ¹		2,325,190
2	Less:		
3	Residential ²	(370,139)	
4	Small C&I ³	(27,104)	
5	Large C&I ⁴	(540,942)	
6	Subtotal		(938,185)
7	Special Contract		
8	Costs ⁵		(99,989)
9	Total		<u>1,287,016</u>

¹ Case No U-14526, CFB-WP-2

² Case No U-13917-R, Exhibit A-20, Page 1, Line 27

³ Case No U-13917-R, Exhibit A-20, Page 2, Line 27

⁴ Case No U-13917-R, Exhibit A-20, Page 3, Line 27

⁵ See CFB-WP-72 Line 9

CFB-WP-72

Consumers Energy Company
Determination of PSCR Cost Recovery Revenues
2004

<u>Line</u>	<u>Category</u>	<u>Source</u>
1	2004 System Sales	
2	Less Incremental	Case No U-13917R, Exhibit A-22, Line 7
		33,353,638,734
3	Total Costs Less	
4	Incremental Costs	Case No U-13917-R, Exhibit A-22, Line 20
		\$ 1,068,798,670
5	Average Cost per kWh	
6	Line 4 / Line 2	
		\$ 0.032044
7	Special Contract Sales	CFB WP-2b, Line 7
		3,120,286,000
8	Special Contract Costs	
9	Line 6 * Line 7	
		<u>\$ 99,987,817</u>

CFB-WP-73

Consumers Energy Company

Determination of Third-Party Sales Allocation
2004

Line			
1	Full Service Sales	33,039,318	CFB-WP-18
2	ROA Sales	4,037,385	CFB-WP-65a
3	Total	37,076,703	
4	Line 1 / Line 3	0.89111	
5	Total Revenue Requirement	214,805	Exhibit A-8 (CFB-5), Line 14
6	Line 5 * Line 4	191,414	
7	P&I (Original Filing) and Seasonal	512,469	Exhibit A-1 (CFB-1) Line 8
8	Total Full-Service Sales Rev Req	<u>703,883</u>	
9	Total Revenue Requirement	727,274	Exhibit A-1 (CFB-1) Line 14
10	Line 8 / Line 9	0.96784	
11	(1 - Line 10) * \$47,108	<u><u>1,515</u></u>	Third-Party Sales from Exhibit A-7 (JMK-3)