

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the Application of)
CONSUMERS ENERGY COMPANY)
for approval of the unbundling of its)
Commercial and industrial rate schedules.)
_____)

Case No. U-12970

EXHIBIT
OF
STEVEN L. GAARDE
ON BEHALF OF
CONSUMERS ENERGY COMPANY

MICHIGAN PUBLIC SERVICE COMMISSION
FILE U-12970
EXHIBIT NO. A-1
DATE 11/27/01 [Signature] REPORTER

June 2001

CONSUMERS ENERGY COMPANY
 Unbundled 1996 Projected Electric CDS
 Adjusted to the Final Order, U-10885

Case No.: U-12970
 Witness: SLGa
 Exhibit: A- (G-1)
 Date: June 2001
 Page 1 of 5

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Line	Description	Total Company a	Wholesale b	Grand Rapids c	Jurisdictional d	Company Use e	Interdptmt f	Total Residential g	Total C&I Secondary h	Total C&I Primary i	Total Municipal j
1	Fixed Generation	\$1,060,388	\$23,565	\$516	\$1,036,307	\$403	\$1,417	\$347,465	\$228,282	\$440,252	\$18,487
2	Variable Generation	634,745	17,468	348	816,831	247	844	199,885	127,775	278,028	12,352
3	Transmission Substations and Lines Reclassified as Production	6,849	171	3	8,675	3	9	2,235	1,470	2,839	119
4	Distribution Substations Reclassified as Production	160	5	0	155	0	0	52	35	65	2
5	Generation Subtotal	\$1,702,142	\$41,206	\$869	\$1,660,067	\$653	\$2,270	\$549,438	\$357,563	\$719,184	\$30,961
6	120kV+ Network Transmission	\$71,714	\$2,045	\$33	\$68,636	\$28	\$96	\$23,279	\$15,702	\$29,370	\$1,161
7	Customer Specific Transmission Substations	5,165	8	0	5,158	0	0	0	0	5,079	78
8	Customer Specific Transmission Lines	1,588	739	0	849	0	0	0	0	849	0
9	Transmission Subtotal	\$78,467	\$2,792	\$33	\$75,642	\$28	\$96	\$23,279	\$15,702	\$35,297	\$1,240
10	Distribution Substations and Lines (48kV)	\$34,527	\$457	\$20	\$34,050	\$16	\$52	\$12,620	\$8,294	\$12,418	\$650
11	Customer Specific Distribution (48kV) Substations	8,071	257	20	7,794	54	0	0	195	8,789	757
12	Customer Specific Distribution (48kV) Lines	1,478	45	0	1,433	0	4	0	123	1,283	23
13	Distribution Substations Reclassified as 48kV Distribution	2,429	33	1	2,395	1	4	887	598	863	42
14	Distribution 48kV Subtotal	\$48,505	\$792	\$41	\$45,872	\$70	\$59	\$13,507	\$9,210	\$21,353	\$1,473
15	Transmission Substations and Lines Reclassified as Distribution	\$8,564	\$4	\$0	\$8,561	\$4	\$8	\$3,394	\$1,797	\$1,257	\$101
16	Distribution Substation	\$3,276	7	0	\$3,288	20	38	\$17,100	9,051	6,533	525
17	Distribution Primary Lines and Isolation Transformers	\$54,845	30	0	\$54,815	73	116	\$87,851	49,344	15,281	2,170
18	Distribution Subtotal	\$194,765	\$41	\$0	\$194,744	\$98	\$163	\$108,445	\$60,182	\$23,051	\$2,798
19	Distribution Secondary Lines and Line Transformers	\$140,158	\$1	\$0	\$140,157	\$26	\$28	\$95,868	\$31,091	\$0	\$13,348
20	Customer Related Costs	\$95,258	112	1	\$95,145	32	124	\$155,331	\$4,361	\$4,170	\$1,127
21	Adjustment for 120kV Jurisdictional Rate Change	8,318	272	8	8,038	3	10	2,888	1,358	3,773	228
22	Adjustment for New Transmission Definition Allocation Changes	7	(8,202)	8	6,200	44	44	1,823	1,349	2,804	136
23	Total Cost of Service Adjusted to the Final Order	\$2,365,841	\$39,015	\$960	\$2,325,668	\$954	\$2,791	\$950,157	\$510,825	\$809,633	\$51,306
24	Sales (mWh)		N/A	N/A	33,151,660	0	0	10,703,000	6,441,066	15,294,325	713,269

Witness: SC GMAAC
 Exhibit No: 4-5
 Marked: 9-8-97
 Offered: 9-8-97
 Ruling: REC'd USP
 9-8-97

U-11451/11452-2-

Case No. U-11451
 Witness SLGa
 Exhibit A- (SLG-1)
 July 1997
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CONSUMERS ENERGY COMPANY
 Unbundled 1996 Projected Electric COS
 Adjusted to the Final Order, U-10685

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Line	Description	Rate A-1 48.5 NWH k	Rate A-1 48.5 W Htg l	Rate A-1 48.5 SP Htg m	Rate A-1 SR Citizen n	Rate A-3 Farm & Sp Htg o	Total Residential p
1	Fixed Generation	\$196,781	\$76,993	\$24,586	\$43,860	\$1,245	\$347,465
2	Variable Generation	113,543	45,814	14,768	25,002	760	199,885
3	Transmission Substations and Lines Reclassified as Production	1,279	509	158	283	8	2,235
4	Distribution Substations Reclassified as Production	30	12	4	7	0	52
5	Generation Subtotal	\$313,633	\$125,127	\$39,513	\$69,151	\$2,013	\$549,438
6	120kV+ Network Transmission	\$13,328	\$5,304	\$1,614	\$2,951	\$82	\$23,279
7	Customer Specific Transmission Substations	0	0	0	0	0	0
8	Customer Specific Transmission Lines	0	0	0	0	0	0
9	Transmission Subtotal	\$13,328	\$5,304	\$1,614	\$2,951	\$82	\$23,279
10	Distribution Substations and Lines (48kV)	\$7,221	\$2,870	\$891	\$1,594	\$45	\$12,620
11	Customer Specific Distribution (48kV) Substations	0	0	0	0	0	0
12	Customer Specific Distribution (48kV) Lines	0	0	0	0	0	0
13	Distribution Substations Reclassified as 48kV Distribution	508	202	61	112	3	887
14	Distribution 48kV Subtotal	\$7,728	\$3,072	\$952	\$1,706	\$48	\$13,507
15	Transmission Substations and Lines Reclassified as Distribution	\$1,924	\$710	\$281	\$468	\$13	\$3,394
16	Distribution Substation	9,693	3,578	1,417	2,348	64	17,100
17	Distribution Primary Lines and Isolation Transformers	49,858	18,402	7,287	12,078	327	87,951
18	Distribution Subtotal	\$61,473	\$22,690	\$8,985	\$14,893	\$403	\$108,445
19	Distribution Secondary Lines and Line Transformers	\$50,987	\$23,832	\$7,427	\$13,147	\$274	\$95,666
20	Customer Related Costs	98,416	25,462	6,228	24,765	462	155,331
21	Adjustment for 120kV Jurisdictional Rate Change	1,518	596	218	326	11	2,668
22	Adjustment for New Transmission Definition Allocation Changes	1,052	454	106	204	7	1,823
23	Total Cost of Service Adjusted to the Final Order	\$548,134	\$206,538	\$65,041	\$127,143	\$3,300	\$950,157
24	Sales (mWh)	6,114,284	2,420,695	791,986	1,335,794	40,241	10,703,000

CONSUMERS ENERGY COMPANY
Unbundled 1996 Projected Electric COS
Adjusted to the Final Order, U-10685

Case No.: U-12970
Witness: SLGa:
Exhibit: A- (G-1)
Date: June 2001
Page: 3 of 5

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Line	Description	Rate B Secondary Energy q	Rate C r	Rate GH Space Heating s	Rate H Water Heating t	Rate L-4 Luminaire u	Rate R-1 & R-2 Resale v	Total C&I Secondary w
1	Fixed Generation	\$86,811	\$138,332	\$2,263	\$186	\$334	\$356	\$228,282
2	Variable Generation	48,409	79,599	1,248	117	217	186	127,775
3	Transmission Substations and Lines Reclassified as Production	580	890	15	1	3	2	1,470
4	Distribution Substations Reclassified as Production	14	21	0	0	0	0	35
5	Generation Subtotal	\$133,793	\$218,842	\$3,527	\$304	\$553	\$544	\$357,563
6	120kV+ Network Transmission	\$6,091	\$9,400	\$153	\$12	\$20	\$25	\$15,702
7	Customer Specific Transmission Substations	0	0	0	0	0	0	0
8	Customer Specific Transmission Lines	0	0	0	0	0	0	0
9	Transmission Subtotal	\$6,091	\$9,400	\$153	\$12	\$20	\$25	\$15,702
10	Distribution Substations and Lines (48kV)	\$3,156	\$5,023	\$82	\$7	\$12	\$13	\$8,294
11	Customer Specific Distribution (48kV) Substations	182	13	0	0	0	0	195
12	Customer Specific Distribution (48kV) Lines	114	8	0	0	0	0	123
13	Distribution Substations Reclassified as 48kV Distribution	232	358	6	0	1	1	598
14	Distribution 48kV Subtotal	\$3,684	\$5,403	\$88	\$7	\$13	\$14	\$9,210
15	Transmission Substations and Lines Reclassified as Distribution	\$784	\$987	\$37	\$3	\$4	\$3	\$1,797
16	Distribution Substation	3,949	4,869	184	14	20	15	9,051
17	Distribution Primary Lines and Isolation Transformers	21,506	26,515	1,003	78	162	80	49,344
18	Distribution Subtotal	\$26,238	\$32,351	\$1,224	\$95	\$186	\$98	\$60,182
19	Distribution Secondary Lines and Line Transformers	\$18,349	\$13,445	\$585	\$78	\$501	\$34	\$31,091
20	Customer Related Costs	25,076	7,180	384	128	1,573	18	34,381
21	Adjustment for 120kV Jurisdictional Rate Change	402	932	18	2	5	2	1,358
22	Adjustment for New Transmission Definition Allocation Changes	397	945	2	1	2	3	1,349
23	Total Cost of Service Adjusted to the Final Order	\$212,029	\$288,497	\$5,980	\$628	\$2,954	\$737	\$510,825
24	Sales (mWh)	2,291,494	4,052,729	67,535	6,054	13,880	8,374	8,441,086

Case No. U-11451
Witness SLGarde
Exhibit A- (SLG-1)
July 1997
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CONSUMERS ENERGY COMPANY
 Unbundled 1996 Projected Electric COS
 Adjusted to the Final Order, U-10685

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Line	Description	Rate B-1 Primary Energy x	Rate D Trans y	Rate D All Other z	Rate R-3 Resale aa	Rate F Trans ab	Rate F All Other ac	Special Contracts ad	Rate J All Levels ae	Rate J-All Levels af	Total C&I Primary ag
1	Fixed Generation	\$6,378	\$13,198	\$207,647	\$11,228	\$15,629	\$64,599	\$110,958	\$1,669	\$8,948	\$440,252
2	Variable Generation	3,798	9,232	123,898	6,224	10,562	42,896	72,652	1,076	5,692	276,028
3	Transmission Substations and Lines Reclassified as Production	41	85	1,344	73	100	415	714	11	57	2,839
4	Distribution Substations Reclassified as Production	1	2	32	2	2	9	16	0	1	65
5	Generation Subtotal	\$10,219	\$22,516	\$332,918	\$17,528	\$26,293	\$107,919	\$184,339	\$2,756	\$14,698	\$718,184
6	120kV+ Network Transmission	\$432	\$831	\$14,050	\$784	\$970	\$4,086	\$7,513	\$109	\$595	\$29,370
7	Customer Specific Transmission Substations	0	2,236	287	0	1,342	78	1,046	2	109	5,079
8	Customer Specific Transmission Lines	0	491	0	0	311	1	37	0	8	849
9	Transmission Subtotal	\$432	\$3,558	\$14,317	\$784	\$2,623	\$4,165	\$8,596	\$111	\$712	\$35,297
10	Distribution Substations and Lines (46kV)	\$231	\$0	\$7,477	\$411	\$0	\$2,344	\$1,778	\$60	\$116	\$12,418
11	Customer Specific Distribution (46kV) Substations	409	7	2,651	0	170	1,451	1,907	111	84	6,789
12	Customer Specific Distribution (46kV) Lines	128	51	838	0	0	134	38	24	71	1,283
13	Distribution Substations Reclassified as 46kV Distribution	16	0	527	30	0	158	122	4	8	863
14	Distribution 46kV Subtotal	\$784	\$58	\$11,493	\$441	\$170	\$4,084	\$3,845	\$199	\$279	\$21,353
15	Transmission Substations and Lines Reclassified as Distribution	\$58	\$0	\$919	\$55	\$0	\$218	\$0	\$6	\$1	\$1,257
16	Distribution Substation	318	5	4,682	277	43	1,140	28	31	10	6,533
17	Distribution Primary Lines and Isolation Transformers	710	0	11,155	668	0	2,642	0	70	16	15,261
18	Distribution Subtotal	\$1,087	\$5	\$16,756	\$1,000	\$43	\$3,999	\$28	\$106	\$27	\$23,051
19	Distribution Secondary Lines and Line Transformers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	Customer Related Costs	447	50	2,875	127	29	497	99	23	23	4,170
21	Adjustment for 120kV Jurisdictional Rate Change	43	139	1,544	63	178	730	997	15	66	3,773
22	Adjustment for New Transmission Definition Allocation Changes	(68)	(733)	1,668	288	(413)	372	1,444	26	211	2,804
23	Total Cost of Service Adjusted to the Final Order	\$12,943	\$25,592	\$381,571	\$20,239	\$28,921	\$121,767	\$189,349	\$3,237	\$18,015	\$809,633
24	Sales (mWh)	196,835	516,928	6,789,404	331,637	632,062	2,407,148	4,060,565	57,855	301,891	15,294,325

CONSUMERS ENERGY COMPANY
 Unbundled 1996 Projected Electric COS
 Adjusted to the Final Order, U-10885

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Line	Description	Rate L-1 Primary ah	Rate L-1 Secondary ai	Rate L-2 Luminaire aj	Rate L-3 Luminaire ak	Rate UR Unmetered al	Rate PS-1 Secondary Energy am	Rate PS-2 Primary Energy an	Rate PS-3 Trans ao	Rate PS-3 All Other ap	Total Municipal aq
1	Fixed Generation	\$44	\$393	\$28	\$3,098	\$1,228	\$1,901	\$1,291	\$675	\$9,828	\$18,487
2	Variable Generation	28	258	18	2,017	881	1,149	775	478	8,789	12,352
3	Transmission Substations and Lines Reclassified as Production	0	2	0	20	8	12	8	4	64	119
4	Distribution Substations Reclassified as Production	0	0	0	0	0	0	0	0	1	2
5	Generation Subtotal	\$71	\$652	\$47	\$5,136	\$2,088	\$3,063	\$2,074	\$1,157	\$16,682	\$30,861
6	120KV+ Network Transmission	\$3	\$24	\$2	\$185	\$77	\$126	\$85	\$42	\$618	\$1,161
7	Customer Specific Transmission Substations	0	0	0	0	0	0	0	79	0	79
8	Customer Specific Transmission Lines	0	0	0	0	0	0	0	0	0	0
9	Transmission Subtotal	\$3	\$24	\$2	\$185	\$77	\$126	\$86	\$120	\$618	\$1,240
10	Distribution Substations and Lines (46kV)	\$5	\$11	\$1	\$114	\$45	\$69	\$47	\$0	\$359	\$650
11	Customer Specific Distribution (46kV) Substations	0	0	0	0	0	5	200	0	552	757
12	Customer Specific Distribution (46kV) Lines	0	0	0	0	0	0	15	0	9	23
13	Distribution Substations Reclassified as 46kV Distribution	0	1	0	7	3	5	3	0	24	42
14	Distribution 46kV Subtotal	\$5	\$11	\$1	\$121	\$48	\$79	\$265	\$0	\$943	\$1,473
15	Transmission Substations and Lines Reclassified as Distribution	\$1	\$5	\$0	\$36	\$6	\$19	\$13	\$0	\$21	\$101
16	Distribution Substation	4	23	2	181	32	94	68	0	120	525
17	Distribution Primary Lines and Isolation Transformers	9	120	12	929	167	513	164	0	256	2,170
18	Distribution Subtotal	\$14	\$148	\$15	\$1,145	\$205	\$628	\$248	\$0	\$396	\$2,796
19	Distribution Secondary Lines and Line Transformers	\$14	\$176	\$37	\$12,602	\$208	\$311	\$0	\$0	\$0	\$13,348
20	Customer Related Costs	10	10	2	88	27	586	160	2	242	1,127
21	Adjustment for 120kV Jurisdictional Rate Change	1	6	0	48	16	16	10	8	120	228
22	Adjustment for New Transmission Definition Allocation Changes	1	1	0	16	11	9	(59)	29	128	136
23	Total Cost of Service Adjusted to the Final Order	\$116	\$1,033	\$104	\$19,341	\$2,690	\$4,818	\$2,783	\$1,317	\$19,109	\$51,306
24	Sales (mWh)	1,854	16,405	1,183	129,284	46,484	60,902	42,536	28,030	386,601	713,269