

Case No: U-12970
Witness: TAYehl
Exhibit: A-__ (TAY-1)
Date: June 2001

CONSUMERS ENERGY COMPANY
MPSC Case No. U-12970

Development of Unbundled Rate Schedules

MICHIGAN PUBLIC SERVICE COMMISSION
FILE U-12970
EXHIBIT NO. A-2
DATE 11/27/01 B. A. REPORTER

CONSUMERS ENERGY COMPANY
Secondary - General Service Rate B

Case No. U-12970
Exhibit A- (TAY-1)
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Line	<u>Unbundled/COS</u>	<u>Cost to Serve</u>	<u>Customer Related</u>		<u>Energy</u>	
		<u>(\$000)</u>	<u>Bills</u>	<u>Chg/mo</u>	<u>MWh</u>	<u>Rate</u>
	(a)	(b)	(c)	(d)	(e)	(f)
1	Generation (i)	\$133,793			2,291,494	\$0.0584
2	Transmission (ii)	6,091			2,291,494	0.0027
3	Distribution	47,070			2,291,494	<u>0.0205</u>
4	Customer	<u>25,076</u>	1,708,416	\$14.68		
5	Total	\$212,030				\$0.0816

Unbundled/Tariff Book

Energy Charge		<u>All kWh</u>
6	Generation	\$0.0584
7	Transmission	0.0027
8	Distribution	0.0205
9	Customer	0.0057
10	Regulatory Adjustment	<u>0.0050</u>
11	Total	\$0.0923

Customer Charge		<u>per month</u>
12	Customer	\$7.00
13	Base Rate Adjustment	\$0.00270
14	Nuclear Decom Surcharge	\$0.001276

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.

(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV. 06/04/01

CONSUMERS ENERGY COMPANY
Secondary - General Service Rate C

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Line	Unbundled/COS (a)	Cost to Serve (\$000)	Customer Related		Billing Demand		Energy	
		(b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	MWh (g)	Rate (h)
1	Generation (i)- Fixed (Capacity Related)	\$104,432			11,220,000	\$9.31		
2	- Fixed (Energy Related)	34,811					4,052,729	\$0.0086
3	- Variable	79,599					4,052,729	0.0196
4	Transmission (ii)	9,400			11,220,000	0.84		
5	Distribution	53,076					4,052,729	0.0131
6	Customer	7,180	283,404	\$25.33				
7	Total	\$288,498				\$10.15		\$0.0413

Unbundled/Tariff Book

On Peak Billing Demand Charge

8	Generation	per kW	\$9.31
9	Transmission	per kW	0.84
10	Distribution	per kW	1.25
11	Total	per kW	\$11.40

Energy Charge

12	Generation	per kW	\$0.0282	Excess	\$0.0233
13	Transmission	per kW	0.0000	Excess	0.0000
14	Distribution	per kW	0.0096	Excess	0.0096
15	Customer	per kW	0.0004	Excess	0.0004
16	Regulatory Adjustment	per kW	0.0016	Excess	0.0016
17	Total	per kW	\$0.0398	Excess	\$0.0349

First 200 kWh

	TOD	
18	Customer Charge	per month
	Customer	\$55.00
		per month
		\$20.10

19	Base Rate Adjustment	\$0.00270	\$0.00270
20	Nuclear Decom Surcharge	\$0.001107	\$0.001107

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

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CONSUMERS ENERGY COMPANY
Secondary - Electric Heating Rate GH

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Line	<u>Unbundled/COS</u>	<u>Cost to Serve</u>	<u>Customer Related</u>		<u>Energy</u>	
		<u>(\$000)</u>	<u>Bills</u>	<u>Chg/mo</u>	<u>MWh</u>	<u>Rate</u>
	(a)	(b)	(c)	(d)	(e)	(f)
1	Generation (i)	\$3,527			67,535	\$0.0522
2	Transmission (ii)	153			67,535	0.0023
3	Distribution	1,915			67,535	<u>0.0284</u>
4	Customer	<u>384</u>	21,192	\$18.12		
5	Total	\$5,979				\$0.0829

Unbundled/Tariff Book

<u>Energy Charge</u>		<u>Oct-May</u>	<u>June-Sept</u>
6	Generation	\$0.0522	\$0.0703
7	Transmission	0.0023	0.0023
8	Distribution	0.0284	0.0284
9	Customer	0.0035	0.0035
10	Regulatory Adjustment	<u>(0.0094)</u>	<u>(0.0094)</u>
11	Total	\$0.0770	\$0.0951

<u>Customer Charge</u>		<u>Chg/mo</u>	
12	Customer	\$7.00	
13	Base Rate Adjustment	\$0.00270	\$0.00270
14	Nuclear Decom Surcharge	\$0.001306	\$0.001306

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.

(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV. 06/04/01

CONSUMERS ENERGY COMPANY
Secondary - Water Heating Rate H

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 Exhibit A- (TAY-1)
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<u>Line</u>	<u>Unbundled/COS</u>	<u>Cost to Serve</u>	<u>Customer Related</u>		<u>Energy</u>	
		<u>(\$000)</u>	<u>Bills</u>	<u>Chg/mo</u>	<u>MWh</u>	<u>Rate</u>
	(a)	(b)	(c)	(d)	(e)	(f)
1	Generation (i)	\$304			6,054	\$0.0502
2	Transmission (ii)	12			6,054	0.0020
3	Distribution	183			6,054	<u>0.0302</u>
4	Customer	<u>128</u>	9,264	\$13.82		
5	Total	\$627				\$0.0824

Unbundled/Tariff Book

<u>Energy Charge</u>		<u>All kWh</u>
6	Generation	\$0.0502
7	Transmission	0.0020
8	Distribution	0.0302
9	Customer	0.0104
10	Regulatory Adjustment	<u>(0.0251)</u>
11	Total	\$0.0677

<u>Customer Charge</u>		<u>Chg/mo</u>
12	Customer	\$7.00
13	Base Rate Adjustment	\$0.00270
14	Nuclear Decom Surcharge	\$0.001102

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.

(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV. 06/04/01

CONSUMERS ENERGY COMPANY
Primary - General Service Rate B-1

Case No. U-12970
Exhibit A- (TAY-1)
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Line	<u>Unbundled/COS</u>	<u>Cost to Serve</u>	<u>Customer Related</u>		<u>Energy</u>	
		<u>(\$000)</u>	<u>Bills</u>	<u>Chg/mo</u>	<u>MWh</u>	<u>Rate</u>
	(a)	(b)	(c)	(d)	(e)	(f)
1	Generation (i)	\$10,219			196,835	\$0.0519
2	Transmission (ii)	432			196,835	0.0022
3	Distribution	1,846			196,835	<u>0.0094</u>
4	Customer	<u>447</u>	6,444	\$69.37		
5	Total	\$12,944				\$0.0635

Unbundled/Tariff Book

<u>Energy Charge</u>		<u>All kWh</u>
6	Generation	\$0.0519
7	Transmission	0.0022
8	Distribution	0.0094
9	Customer	0.0018
10	Regulatory Adjustment	<u>0.0122</u>
11	Total	\$0.0775

<u>Customer Charge</u>		<u>Chg/mo</u>
12	Customer	\$14.00
13	Base Rate Adjustment	\$0.00270
14	Nuclear Decom Surcharge	\$0.000925

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV. 06/04/01

CONSUMERS ENERGY COMPANY
Primary - General Service Rate D (Transmission Service)

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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)	\$9,964			1,396,000	\$7.14				
2	- Fixed (Energy Related)	3,321							516,928	\$0.0064
3	- Variable	9,232							516,928	<u>0.0179</u>
4	Transmission (ii)	831			1,396,000	<u>0.60</u>				
5	Distribution	2,196					1,466,000	\$1.50		
6	Customer	<u>50</u>	216	\$231						
7	Total	\$25,594				\$7.74				\$0.0243
Unbundled/Tariff Book										
On Peak Billing Demand Charge						<u>per kW</u>				
8	Generation					\$6.88				
9	Transmission					<u>0.60</u>				
10	Total					\$7.48				
Maximum Demand Charge							<u>per kW</u>			
11	Distribution						\$0.52			
Energy Charge								<u>On-peak</u>	<u>Off-peak</u>	
12	Generation							<u>per kWh</u>	<u>per kWh</u>	
13	Transmission							\$0.0250	\$0.0190	
14	Distribution							0.0000	0.0000	
15	Customer							0.0028	0.0028	
16	Regulatory Adjustment							0.0001	0.0001	
17	Total							<u>0.0082</u>	<u>0.0082</u>	
								\$0.0361	\$0.0301	
Customer Charge				<u>Chg/mo</u>						
18	Customer			\$100						
19	Base Rate Adjustment							\$0.00270	\$0.00270	
20	Nuclear Decom Surcharge							\$0.000988	\$0.000988	

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

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CONSUMERS ENERGY COMPANY
Primary - General Service Rate D (Subtransmission Service)

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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)	\$37,444			5,106,000	\$7.33				
2	- Fixed (Energy Related)	12,481							1,867,765	\$0.0067
3	- Variable	32,031							1,867,765	<u>0.0171</u>
4	Transmission (ii)	3,237			5,106,000	<u>0.63</u>				
5	Distribution	5,657					5,361,000	\$1.06		
6	Customer	<u>207</u>	1,368	\$151						
7	Total	\$91,057				\$7.96				\$0.0238

Unbundled/Tariff Book

On Peak Billing Demand Charge			<u>per kW</u>		
8	Generation		\$6.85		
9	Transmission		<u>0.63</u>		
10	Total		\$7.48		
Maximum Demand Charge			<u>per kW</u>		
11	Distribution		\$0.97		
Energy Charge				On-peak	Off-peak
				<u>per kWh</u>	<u>per kWh</u>
12	Generation			\$0.0251	\$0.0191
13	Transmission			0.0000	0.0000
14	Distribution			0.0002	0.0002
15	Customer			0.0001	0.0001
16	Regulatory Adjustment			<u>0.0107</u>	<u>0.0107</u>
17	Total			\$0.0361	\$0.0301
Customer Charge			<u>Chg/mo</u>		
18	Customer		\$100		
19	Base Rate Adjustment			\$0.00270	\$0.00270
20	Nuclear Decom Surcharge			\$0.000988	\$0.000988

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

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CONSUMERS ENERGY COMPANY
Primary - General Service Rate D (Primary Service)

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Line	Unbundled/COS	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000)	Bills	Chg/mo	kW	Rate	kW	Rate	MWh	Rate
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	Generation (i)- Fixed (Capacity Related)	\$119,321			13,443,000	\$8.88				
2	- Fixed (Energy Related)	39,774							4,921,639	\$0.0081
3	- Variable	91,865							4,921,639	0.0187
4	Transmission (ii)	10,814			13,443,000	0.80				
5	Distribution	26,071					14,115,000	\$1.85		
6	Customer	2,668	22,380	\$119						
7	Total	\$290,513				\$9.68				\$0.0268
Unbundled/Tariff Book										
On Peak Billing Demand Charge						per kW				
8	Generation					\$6.68				
9	Transmission					0.80				
10	Total					\$7.48				
Maximum Demand Charge							per kW			
11	Distribution						\$1.85			
Energy Charge								On-peak	Off-peak	
12	Generation							per kWh	per kWh	
13	Transmission							\$0.0328	\$0.0268	
14	Distribution							0.0000	0.0000	
15	Customer							0.0000	0.0000	
16	Regulatory Adjustment							0.0001	0.0001	
17	Total							0.0032	0.0032	
								\$0.0361	\$0.0301	
Customer Charge				Chg/mo						
18	Customer			\$100						
19	Base Rate Adjustment								\$0.00270	\$0.00270
20	Nuclear Decom Surcharge								\$0.000988	\$0.000988

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

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CONSUMERS ENERGY COMPANY
Primary High Load Factor - General Service Rate F (Transmission Service)

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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)	\$11,798			1,033,000	\$11.42				
2	- Fixed (Energy Related)	3,933							632,062	\$0.0062
3	- Variable	10,562							632,062	<u>0.0167</u>
4	Transmission (ii)	970			1,033,000	<u>0.94</u>				
5	Distribution	1,629					1,084,000	\$1.50		
6	Customer	<u>29</u>	120	\$242						
7	Total	\$28,921				\$12.36				\$0.0229
Unbundled/Tariff Book										
On Peak Billing Demand Charge						<u>per kW</u>				
8	Generation					\$9.40				
9	Transmission					<u>0.94</u>				
10	Total					\$10.34				
Maximum Demand Charge							<u>per kW</u>			
11	Distribution						\$0.52			
Energy Charge								On-peak	Off-peak	
12	Generation							<u>per kWh</u>	<u>per kWh</u>	
13	Transmission							\$0.0262	\$0.0202	
14	Distribution							0.0000	0.0000	
15	Customer							0.0017	0.0017	
16	Regulatory Adjustment							0.0001	0.0001	
17	Total							<u>0.0032</u>	<u>0.0032</u>	
								\$0.0312	\$0.0252	
Customer Charge				<u>Chg/mo</u>						
18	Customer			\$100						
19	Base Rate Adjustment							\$0.00270	\$0.00270	
20	Nuclear Decom Surcharge							\$0.000988	\$0.000988	

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

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CONSUMERS ENERGY COMPANY
Primary High Load Factor - General Service Rate F (Subtransmission Service)

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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)	\$21,267			1,896,000	\$11.22				
2	- Fixed (Energy Related)	7,089							1,159,764	\$0.0061
3	- Variable	18,893							1,159,764	0.0163
4	Transmission (ii)	1,769			1,896,000	0.93				
5	Distribution	3,038					1,991,000	\$1.53		
6	Customer	75	324	\$231						
7	Total	\$52,131				\$12.15				\$0.0224
Unbundled/Tariff Book										
On Peak Billing Demand Charge						per kW				
8	Generation					\$9.41				
9	Transmission					0.93				
10	Total					\$10.34				
Maximum Demand Charge							per kW			
11	Distribution						\$0.97		On-peak	Off-peak
Energy Charge									per kWh	per kWh
12	Generation								\$0.0254	\$0.0194
13	Transmission								0.0000	0.0000
14	Distribution								0.0010	0.0010
15	Customer								0.0001	0.0001
16	Regulatory Adjustment								0.0047	0.0047
17	Total								\$0.0312	\$0.0252
Customer Charge						Chg/mo				
18	Customer				\$100					
19	Base Rate Adjustment								\$0.00270	\$0.00270
20	Nuclear Decom Surcharge								\$0.000988	\$0.000988

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

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CONSUMERS ENERGY COMPANY
Primary High Load Factor - General Service Rate F (Primary Service)

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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)	\$27,501			2,035,000	\$13.51				
2	- Fixed (Energy Related)	9,167							1,247,384	\$0.0073
3	- Variable	24,003							1,247,384	<u>0.0192</u>
4	Transmission (ii)	2,317			2,035,000	<u>1.14</u>				
5	Distribution	6,225					2,137,000	\$2.91		
6	Customer	<u>422</u>	2,748	\$154						
7	Total	\$69,635				\$14.65				\$0.0265

Unbundled/Tariff Book

On Peak Billing Demand Charge					<u>per kW</u>				
8	Generation				\$9.20				
9	Transmission				<u>1.14</u>				
10	Total				\$10.34				
Maximum Demand Charge							<u>per kW</u>		
11	Distribution						\$1.85		
Energy Charge							On-peak Off-peak		
12	Generation						<u>per kWh</u> <u>per kWh</u>		
13	Transmission						\$0.0335 \$0.0275		
14	Distribution						0.0000 0.0000		
15	Customer						0.0018 0.0018		
16	Regulatory Adjustment						0.0001 0.0001		
17	Total						<u>(0.0042)</u> <u>(0.0042)</u>		
							\$0.0312 \$0.0252		
Customer Charge					<u>Chg/mo</u>				
18	Customer				\$100				
19	Base Rate Adjustment						\$0.00270 \$0.00270		
20	Nuclear Decom Surcharge						\$0.000988 \$0.000988		

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

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CONSUMERS ENERGY COMPANY
Primary - General Service Interruptible Rate I (Transmission Service)
 Similar to Rate D - Transmission Service

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Line	Unbundled/COS	Cost to Serve (\$000)	Customer Related		Billing Demand		Maximum Demand		Energy	
	(a)	(b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)									
2	- Fixed (Energy Related)									
3	- Variable									
4	Transmission (ii)									
5	Distribution									
6	Customer									
7	Total									
	Unbundled/Tariff Book									
	On Peak Billing Demand Charge					per kW				
8	Generation					This charge is not unbundled				
9	Transmission					because the rate is negotiable.				
10	Total									
	Maximum Demand Charge							per kW		
11	Distribution							\$0.52		
	Energy Charge								On-peak	Off-peak
									per kWh	per kWh
12	Generation								\$0.0250	\$0.0190
13	Transmission								0.0000	0.0000
14	Distribution								0.0028	0.0028
15	Customer								0.0001	0.0001
16	Regulatory Adjustment								0.0082	0.0082
17	Total								\$0.0361	\$0.0301
	Customer Charge					Chg/mo				
18	Customer					\$100				
19	Base Rate Adjustment								\$0.00270	\$0.00270
20	Nuclear Decom Surcharge								\$0.000988	\$0.000988

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
 (ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

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CONSUMERS ENERGY COMPANY
Primary - General Service Interruptible Rate I (Subtransmission Service)
 Similar to Rate D - Subtransmission Service

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Line	Unbundled/COS	Cost to Serve (\$000)	Customer Related Bills	Chg/mo	Billing Demand kW	Rate	Maximum Demand kW	Rate	Energy MWh	Rate
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	Generation (i)- Fixed (Capacity Related)									
2	- Fixed (Energy Related)									
3	- Variable									
4	Transmission (ii)									
5	Distribution									
6	Customer									
7	Total									
Unbundled/Tariff Book										
On Peak Billing Demand Charge						per kW				
8	Generation					This charge is not unbundled				
9	Transmission					because the rate is negotiable.				
10	Total									
Maximum Demand Charge							per kW			
11	Distribution						\$0.97		On-peak per kWh	Off-peak per kWh
12	Generation							\$0.0251	\$0.0191	
13	Transmission							0.0000	0.0000	
14	Distribution							0.0002	0.0002	
15	Customer							0.0001	0.0001	
16	Regulatory Adjustment							0.0107	0.0107	
17	Total							\$0.0361	\$0.0301	
Customer Charge				Chg/mo						
18	Customer			\$100						
19	Base Rate Adjustment							\$0.00270	\$0.00270	
20	Nuclear Decom Surcharge							\$0.000988	\$0.000988	

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
 (ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Primary - General Service Interruptible Rate I (Primary Service)
 Similar to Rate D - Primary Service

Case No. U-12970
 Exhibit A- (TAY-1)
 Witness TAYehl
 Date June 2001
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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)									
2	- Fixed (Energy Related)									
3	- Variable									
4	Transmission (ii)									
5	Distribution									
6	Customer									
7	Total									
Unbundled/Tariff Book										
On Peak Billing Demand Charge										
8	Generation					<u>per kW</u>				
9	Transmission					This charge is not unbundled				
10	Total					because the rate is negotiable.				
Maximum Demand Charge										
11	Distribution						<u>per kW</u>			
							\$1.85			
Energy Charge										
12	Generation						On-peak	Off-peak		
							<u>per kWh</u>	<u>per kWh</u>		
13	Transmission						\$0.0328	\$0.0268		
14	Distribution						0.0000	0.0000		
15	Customer						0.0000	0.0001		
16	Regulatory Adjustment						0.0032	0.0032		
17	Total						\$0.0361	\$0.0301		
Customer Charge										
18	Customer			<u>Chg/mo</u>						
				\$100						
19	Base Rate Adjustment						\$0.00270	\$0.00270		
20	Nuclear Decom Surchage						\$0.000988	\$0.000988		

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
 (ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Primary Electric Furnace - General Service Rate J (Transmission Service)

Case No. U-12970
Exhibit A-__ (TAY-1)
Witness TAYehl
Date June 2001
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Line	<u>Unbundled/COS</u> (a)	<u>Cost to Serve</u>	<u>Customer Related</u>		<u>Billing Demand</u>		<u>Maximum Demand</u>		<u>Energy</u>	
		<u>(\$000)</u> (b)	<u>Bills</u> (c)	<u>Chg/mo</u> (d)	<u>kW</u> (e)	<u>Rate</u> (f)	<u>kW</u> (g)	<u>Rate</u> (h)	<u>MWh</u> (i)	<u>Rate</u> (j)
1	Generation (i)- Fixed (Capacity Related)									
2	- Fixed (Energy Related)									
3	- Variable									
4	Transmission (ii)									
5	Distribution									
6	Customer									
7	Total									
 <u>Unbundled/Tariff Book</u>										
On Peak Billing Demand Charge					<u>per kW</u>					
8	Generation					\$5.21				
9	Transmission					0.48				
10	Total					\$5.69				
Maximum Demand Charge							<u>per kW</u>			
11	Distribution							\$0.33		
Energy Charge									<u>On-peak</u>	<u>Off-peak</u>
									<u>per kWh</u>	<u>per kWh</u>
12	Generation								\$0.0273	\$0.0213
13	Transmission								0.0000	0.0000
14	Distribution								0.0030	0.0030
15	Customer								0.0002	0.0002
16	Regulatory Adjustment								0.0056	0.0056
17	Total								\$0.0361	\$0.0301
Customer Charge				<u>Chg/mo</u>						
18	Customer			\$100						
19	Base Rate Adjustment								\$0.00270	\$0.00270
20	Nuclear Decom Surcharge								\$0.001214	\$0.001214

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Primary Electric Furnace - General Service Rate J (Subtransmission Service)

Case No. U-12970
Exhibit A- (TAY-1)
Witness TAYehI
Date June 2001
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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)	\$668			120,000	\$5.57				
2	- Fixed (Energy Related)	223							30,663	\$0.0073
3	- Variable	570							30,663	<u>0.0186</u>
4	Transmission (ii)	58			120,000	<u>0.48</u>				
5	Distribution	184					126,000	\$1.46		
6	Customer	<u>12</u>	48	\$254						
7	Total	\$1,715				\$6.05				\$0.0259
Unbundled/Tariff Book										
On Peak Billing Demand Charge						<u>per kW</u>				
8	Generation					\$5.21				
9	Transmission					<u>0.48</u>				
10	Total					\$5.69				
Maximum Demand Charge								<u>per kW</u>		
11	Distribution							\$0.72		
Energy Charge									On-peak	Off-peak
12	Generation								<u>per kWh</u>	<u>per kWh</u>
13	Transmission								\$0.0273	\$0.0213
14	Distribution								0.0000	0.0000
15	Customer								0.0030	0.0030
16	Regulatory Adjustment								0.0002	0.0002
17	Total								<u>0.0056</u>	<u>0.0056</u>
									\$0.0361	\$0.0301
Customer Charge				<u>Chg/mo</u>						
18	Customer			\$100						
19	Base Rate Adjustment								\$0.00270	\$0.00270
20	Nuclear Decom Surcharge								\$0.001214	\$0.001214

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Primary Electric Furnace - General Service Rate J (Primary Service)

Case No. U-12970
Exhibit A- (TAY-1)
Witness TAYehl
Date June 2001
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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)	\$592			106,000	\$5.59				
2	- Fixed (Energy Related)	197							27,192	\$0.0073
3	- Variable	506							27,192	<u>0.0186</u>
4	Transmission (ii)	51			106,000	<u>0.48</u>				
5	Distribution	164					111,000	\$1.47		
6	Customer	<u>11</u>	108	\$100						
7	Total	\$1,521				\$6.07				\$0.0259
Unbundled/Tariff Book										
On Peak Billing Demand Charge						<u>per kW</u>				
8	Generation					\$5.21				
9	Transmission					<u>0.48</u>				
10	Total					\$5.69				
Maximum Demand Charge							<u>per kW</u>			
11	Distribution						\$0.98			
Energy Charge								<u>On-peak</u>	<u>Off-peak</u>	
12	Generation							<u>per kWh</u>	<u>per kWh</u>	
13	Transmission							\$0.0274	\$0.0214	
14	Distribution							0.0000	0.0000	
15	Customer							0.0020	0.0020	
16	Regulatory Adjustment							0.0000	0.0000	
17	Total							<u>0.0067</u>	<u>0.0067</u>	
								\$0.0361	\$0.0301	
Customer Charge				<u>Chg/mo</u>						
18	Customer			\$100						
19	Base Rate Adjustment								\$0.00270	\$0.00270
20	Nuclear Decom Surcharge								\$0.001214	\$0.001214

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$0.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Alternative Electric Metal Melting - General Service Rate J-1
Transmission Service < 30,000 kW

Case No. U-12970
Exhibit A- (TAY-1)
Witness TAYehl
Date June 2001
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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	MWh (e)	Rate (f)
1	Generation (i)	\$2,231			22,340	\$0.0999
2	Transmission (ii)	90			22,340	0.0040
3	Distribution	106			22,340	<u>0.0048</u>
4	Customer	<u>3</u>	12	\$291		
5	Total	\$2,431				\$0.1087

Unbundled/Tariff Book		First 100	
Energy Charge		hours' use	Excess
6	Generation	\$0.0999	\$0.0511
7	Transmission	0.0040	0.0040
8	Distribution	0.0048	0.0048
9	Customer	0.0001	0.0001
10	Regulatory Adjustment	<u>(0.0285)</u>	<u>(0.0285)</u>
11	Total	\$0.0803	\$0.0315
Customer Charge		Chg/mo	
12	Customer	\$100	
13	Base Rate Adjustment	\$0.00270	\$0.00270
14	Nuclear Decom Surcharge	\$0.001214	\$0.001214

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Alternative Electric Metal Melting - General Service Rate J-1
Subtransmission Service < 30,000 kW

Case No. U-12970
Exhibit A-__ (TAY-1)
Witness TAYehl
Date June 2001
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Line	<u>Unbundled/COS</u> (a)	<u>Cost to Serve</u> (\$000)	<u>Customer Related</u>		<u>Energy</u>	
		(b)	<u>Bills</u> (c)	<u>Chg/mo</u> (d)	<u>MWh</u> (e)	<u>Rate</u> (f)
1	Generation (i)	\$6,826			119,549	\$0.0571
2	Transmission (ii)	276			119,549	0.0023
3	Distribution	325			119,549	<u>0.0027</u>
4	Customer	<u>11</u>	72	\$148		
5	Total	\$7,438				\$0.0621

<u>Unbundled/Tariff Book</u>		<u>First 100</u>	
Energy Charge		<u>hours' use</u>	<u>Excess</u>
6	Generation	\$0.0571	(\$0.0010)
7	Transmission	0.0023	0.0023
8	Distribution	0.0027	0.0027
9	Customer	0.0001	0.0001
10	Regulatory Adjustment	<u>0.0274</u>	<u>0.0274</u>
11	Total	\$0.0896	\$0.0315

Customer Charge		<u>Chg/mo</u>	
12	Customer	\$100	
13	Base Rate Adjustment	\$0.00270	\$0.00270
14	Nuclear Decom Surcharge	\$0.001214	\$0.001214

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Alternative Electric Metal Melting - General Service Rate J-1
Primary Service < 30,000 kW

Case No. U-12970
Exhibit A-__ (TAY-1)
Witness TAYehl
Date June 2001
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Line	<u>Unbundled/COS</u> (a)	<u>Cost to Serve</u>	<u>Customer Related</u>		<u>Energy</u>	
		<u>(\$000)</u> (b)	<u>Bills</u> (c)	<u>Chg/mo</u> (d)	<u>MWh</u> (e)	<u>Rate</u> (f)
1	Generation (i)					
2	Transmission (ii)					
3	Distribution					
4	Customer					
5	Total					

<u>Unbundled/Tariff Book</u>		First 100	
Energy Charge		hours' use	Excess
6	Generation	\$0.0571	(\$0.0157)
7	Transmission	0.0023	0.0023
8	Distribution	0.0027	0.0027
9	Customer	0.0001	0.0001
10	Regulatory Adjustment	<u>0.0421</u>	<u>0.0421</u>
11	Total	\$0.1043	\$0.0315

Customer Charge		<u>Chg/mo</u>	
12	Customer	\$100	
13	Base Rate Adjustment	\$0.00270	\$0.00270
14	Nuclear Decom Surcharge	\$0.001214	\$0.001214

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Alternative Electric Metal Melting - General Service Rate J-1
Transmission Service > 30,000 kW

Case No. U-12970
Exhibit A-__ (TAY-1)
Witness TAYehl
Date June 2001
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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	MWh (e)	Rate (f)
1	Generation (i)	\$4,530			108,983	\$0.0416
2	Transmission (ii)	183			108,983	0.0017
3	Distribution	216			108,983	<u>0.0020</u>
4	Customer	<u>7</u>	24	\$295		
5	Total	\$4,936				\$0.0453

Unbundled/Tariff Book		First 100	
Energy Charge		hours' use	Excess
6	Generation	\$0.0416	\$0.0093
7	Transmission	0.0017	0.0017
8	Distribution	0.0020	0.0020
9	Customer	0.0001	0.0001
10	Regulatory Adjustment	<u>0.0174</u>	<u>0.0174</u>
11	Total	\$0.0628	\$0.0305

Customer Charge		Chg/mo	
12	Customer	\$100	
13	Base Rate Adjustment	\$0.00270	\$0.00270
14	Nuclear Decom Surcharge	\$0.001214	\$0.001214

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Alternative Electric Metal Melting - General Service Rate J-1
Subtransmission Service > 30,000 kW

Case No. U-12970
Exhibit A- (TAY-1)
Witness TAYehl
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Line	<u>Unbundled/COS</u> (a)	<u>Cost to Serve</u> (\$000) (b)	<u>Customer Related</u>		<u>Energy</u>	
			<u>Bills</u> (c)	<u>Chg/mo</u> (d)	<u>MWh</u> (e)	<u>Rate</u> (f)
1	Generation (i)	\$1,111			51,020	\$0.0218
2	Transmission (ii)	45			51,020	0.0009
3	Distribution	53			51,020	<u>0.0010</u>
4	Customer	<u>2</u>	12	\$145		
5	Total	\$1,211				\$0.0237

<u>Unbundled/Tariff Book</u>		<u>First 100</u>	
Energy Charge		<u>hours' use</u>	<u>Excess</u>
6	Generation	\$0.0218	(\$0.0134)
7	Transmission	0.0009	0.0009
8	Distribution	0.0010	0.0010
9	Customer	0.0001	0.0001
10	Regulatory Adjustment	<u>0.0419</u>	<u>0.0419</u>
11	Total	\$0.0657	\$0.0305
Customer Charge		<u>Chg/mo</u>	
12	Customer	\$100	
13	Base Rate Adjustment	\$0.00270	\$0.00270
14	Nuclear Decom Surcharge	\$0.001214	\$0.001214

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Alternative Electric Metal Melting - General Service Rate J-1
Primary Service > 30,000 kW

Case No. U-12970
Exhibit A- (TAY-1)
Witness TAYehl
Date June 2001
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Line	<u>Unbundled/COS</u> (a)	<u>Cost to Serve</u>	<u>Customer Related</u>		<u>Energy</u>	
		<u>(\$000)</u> (b)	<u>Bills</u> (c)	<u>Chg/mo</u> (d)	<u>MWh</u> (e)	<u>Rate</u> (f)
1	Generation (i)					
2	Transmission (ii)					
3	Distribution					
4	Customer					
5	Total					

<u>Unbundled/Tariff Book</u>		First 100	
Energy Charge		<u>hours' use</u>	<u>Excess</u>
6	Generation	\$0.0218	(\$0.0150)
7	Transmission	0.0009	0.0009
8	Distribution	0.0010	0.0010
9	Customer	0.0001	0.0001
10	Regulatory Adjustment	<u>0.0435</u>	<u>0.0435</u>
11	Total	\$0.0673	\$0.0305

Customer Charge		<u>Chg/mo</u>	
12	Customer	\$100	
13	Base Rate Adjustment	\$0.00270	\$0.00270
14	Nuclear Decom Surcharge	\$0.001214	\$0.001214

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Secondary - General Service Public Pumping Rate PS-1

Case No. U-12970
Exhibit A-__ (TAY-1)
Witness TAYehl
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<u>Line</u>	<u>Unbundled/COS</u> (a)	<u>Cost to Serve</u> (\$000) (b)	<u>Customer Related</u>		<u>Energy</u>	
			<u>Bills</u> (c)	<u>Chg/mo</u> (d)	<u>MWh</u> (e)	<u>Rate</u> (f)
1	Generation (i)	\$3,063			60,902	\$0.0503
2	Transmission (ii)	126			60,902	0.0021
3	Distribution	1,041			60,902	<u>0.0171</u>
4	Customer	<u>586</u>	36,036	\$16.26		
5	Total	\$4,816				\$0.0695

Unbundled/Tariff Book

<u>Energy Charge</u>		<u>All kWh</u>
6	Generation	\$0.0503
7	Transmission	0.0021
8	Distribution	0.0171
9	Customer	0.0053
10	Regulatory Adjustment	<u>(0.0048)</u>
11	Total	\$0.0700
<u>Customer Charge</u>		<u>Chg/mo</u>
12	Customer	\$7.30
13	Base Rate Adjustment	\$0.00270
14	Nuclear Decom Surcharge	\$0.000955

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$0.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

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CONSUMERS ENERGY COMPANY
Primary - General Service Public Pumping Rate PS-2

Case No. U-12970
Exhibit A- (TAY-1)
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Line	<u>Unbundled/COS</u> (a)	<u>Cost to Serve</u> (\$000)	<u>Customer Related</u>		<u>Energy</u>	
		(b)	<u>Bills</u> (c)	<u>Chg/mo</u> (d)	<u>MWh</u> (e)	<u>Rate</u> (f)
1	Generation (i)	\$2,074			42,536	\$0.0488
2	Transmission (ii)	86			42,536	0.0020
3	Distribution	462			42,536	<u>0.0109</u>
4	Customer	<u>160</u>	3,948	\$40.53		
5	Total	\$2,782				\$0.0617

Unbundled/Tariff Book

Energy Charge		<u>All kWh</u>
6	Generation	\$0.0488
7	Transmission	0.0020
8	Distribution	0.0109
9	Customer	0.0024
10	Regulatory Adjustment	<u>(0.0044)</u>
11	Total	\$0.0597
Customer Charge		<u>Chg/mo</u>
12	Customer	\$14.20
13	Base Rate Adjustment	\$0.00270
14	Nuclear Decom Surcharge	\$0.000693

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Primary - Optional General Service Public Pumping Rate PS-3 (Transmission Service)

Case No. U-12970
Exhibit A- (TAY-1)
Witness TAYehl
Date June 2001
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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)	\$509			55,000	\$9.26				
2	- Fixed (Energy Related)	170							28,030	\$0.0061
3	- Variable	478							28,030	0.0171
4	Transmission (ii)	42			55,000	0.76				
5	Distribution	116					57,000	\$2.04		
6	Customer	2	12	\$167						
7	Total	\$1,317				\$10.02				\$0.0232
Unbundled/Tariff Book										
On Peak Billing Demand Charge						per kW				
8	Generation					\$6.82				
9	Transmission					0.76				
10	Total					\$7.58				
Maximum Demand Charge							per kW			
11	Distribution						\$0.96			
Energy Charge								On-peak	Off-peak	
12	Generation							per kWh	per kWh	
13	Transmission							\$0.0280	\$0.0220	
14	Distribution							0.0000	0.0000	
15	Customer							0.0022	0.0022	
16	Regulatory Adjustment							0.0001	0.0001	
17	Total							0.0009	0.0009	
								\$0.0312	\$0.0252	
Customer Charge				Chg/mo						
18	Customer			\$100						
19	Base Rate Adjustment							\$0.00270	\$0.00270	
20	Nuclear Decom Surcharge							\$0.000951	\$0.000951	

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Primary - Optional General Service Public Pumping Rate PS-3 (Subtransmission Service)

Case No. U-12970
Exhibit A-__ (TAY-1)
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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)	\$4,710			479,000	\$9.83				
2	- Fixed (Energy Related)	1,570							247,193	\$0.0064
3	- Variable	4,352							247,193	0.0176
4	Transmission (ii)	389			479,000	0.81				
5	Distribution	954					503,000	\$1.90		
6	Customer	48	204	\$235						
7	Total	\$12,023				\$10.64				\$0.0240

Unbundled/Tariff Book

On Peak Billing Demand Charge					per kW					
8	Generation				\$6.77					
9	Transmission				0.81					
10	Total				\$7.58					
Maximum Demand Charge							per kW			
11	Distribution						\$1.73			
Energy Charge								On-peak	Off-peak	
								per kWh	per kWh	
12	Generation							\$0.0299	\$0.0239	
13	Transmission							0.0000	0.0000	
14	Distribution							0.0003	0.0003	
15	Customer							0.0001	0.0001	
16	Regulatory Adjustment							0.0009	0.0009	
17	Total							\$0.0312	\$0.0252	
Customer Charge					Chg/mo					
18	Customer			\$100						
19	Base Rate Adjustment							\$0.00270	\$0.00270	
20	Nuclear Decom Surcharge							\$0.000951	\$0.000951	

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Primary - Optional General Service Public Pumping Rate PS-3 (Primary Service)

Case No. U-12970
Exhibit A- (TAY-1)
Witness TAYehl
Date June 2001
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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)	\$2,711			270,000	\$10.04				
2	- Fixed (Energy Related)	904							139,408	\$0.0065
3	- Variable	2,417							139,408	<u>0.0173</u>
4	Transmission (ii)	229			270,000	<u>0.85</u>				
5	Distribution	634					284,000	\$2.23		
6	Customer	<u>194</u>	1,212	\$160						
7	Total	\$7,089				\$10.89				\$0.0238
Unbundled/Tariff Book										
On Peak Billing Demand Charge						<u>per kW</u>				
8	Generation					\$6.73				
9	Transmission					<u>0.85</u>				
10	Total					\$7.58				
Maximum Demand Charge							<u>per kW</u>			
11	Distribution						\$1.95			
Energy Charge								On-peak	Off-peak	
12	Generation							<u>per kWh</u>	<u>per kWh</u>	
13	Transmission							\$0.0302	\$0.0242	
14	Distribution							0.0000	0.0000	
15	Customer							0.0006	0.0006	
16	Regulatory Adjustment							0.0005	0.0005	
17	Total							<u>(0.0001)</u>	<u>(0.0001)</u>	
								\$0.0312	\$0.0252	
Customer Charge				<u>Chg/mo</u>						
18	Customer			\$100						
19	Base Rate Adjustment							\$0.00270	\$0.00270	
20	Nuclear Decom Surcharge							\$0.000951	\$0.000951	

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Secondary - General Service Resale Rate R-1
 Similar to Rate B

Case No. U-12970
 Exhibit A- (TAY-1)
 Witness TAYehl
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Line	<u>Unbundled/COS</u> (a)	<u>Cost to Serve</u> (\$000)	<u>Customer Related</u>		<u>Energy</u>	
		(b)	<u>Bills</u> (c)	<u>Chg/mo</u> (d)	<u>MWh</u> (e)	<u>Rate</u> (f)
1	Generation (i)	\$61			1,041	\$0.0586
2	Transmission (ii)	3			1,041	0.0029
3	Distribution	16			1,041	<u>0.0154</u>
4	Customer	<u>2</u>	72	\$27.78		
5	Total	\$82				\$0.0769

Unbundled/Tariff Book

Energy Charge		<u>All kWh</u>
6	Generation	\$0.0586
7	Transmission	0.0029
8	Distribution	0.0154
9	Customer	0.0014
10	Regulatory Adjustment	<u>0.0140</u>
11	Total	\$0.0923
Customer Charge		<u>Chg/mo</u>
12	Customer	\$7.00
13	Base Rate Adjustment	\$0.00270
14	Nuclear Decom Surcharge	\$0.001276

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$0.00270 per kWh.
 (ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Secondary - General Service Resale Rate R-2
 Similar to Rate C

Case No. U-12970
 Exhibit A-__ (TAY-1)
 Witness TAYehl
 Date June 2001
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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	MWh (g)	Rate (h)
1	Generation (i)- Fixed (Capacity Related)	\$239			22,000	\$10.84		
2	- Fixed (Energy Related)	80					8,333	\$0.0095
3	- Variable	165					8,333	0.0198
4	Transmission (ii)	22			22,000	1.00		
5	Distribution	135					8,333	0.0162
6	Customer	16	324	\$49.38				
7	Total	\$656				\$11.84		\$0.0455

Unbundled/Tariff Book

On Peak Billing Demand Charge					per kW
8	Generation				\$10.40
9	Transmission				1.00
10	Total				\$11.40

Energy Charge						First 200 kWh	
						per kW	Excess
11	Generation					\$0.0305	\$0.0256
12	Transmission					0.0000	0.0000
13	Distribution					0.0162	0.0162
14	Customer					0.0011	0.0011
15	Regulatory Adjustment					(0.0080)	(0.0080)
16	Total					\$0.0398	\$0.0349

Customer Charge				TOD
				Chg/mo
17	Customer			\$55.00
				Chg/mo
				\$20.10

18	Base Rate Adjustment	\$0.00270	\$0.00270
19	Nuclear Decom Surcharge	\$0.001107	\$0.001107

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
 (ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Primary - General Service Resale Rate R-3 (Transmission Service)
Similar to Rate D - Transmission Service

Case No. U-12970
Exhibit A- (TAY-1)
Witness TAYehi
Date June 2001
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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)									
2	- Fixed (Energy Related)									
3	- Variable									
4	Transmission (ii)									
5	Distribution									
6	Customer									
7	Total									
Unbundled/Tariff Book										
On Peak Billing Demand Charge					per kW					
8	Generation					\$6.88				
9	Transmission					0.60				
10	Total					\$7.48				
Maximum Demand Charge					per kW					
11	Distribution					\$0.52				
Energy Charge							On-peak		Off-peak	
							per kWh		per kWh	
12	Generation						\$0.0250		\$0.0190	
13	Transmission						0.0000		0.0000	
14	Distribution						0.0028		0.0028	
15	Customer						0.0001		0.0001	
16	Regulatory Adjustment						0.0082		0.0082	
17	Total						\$0.0361		\$0.0301	
Customer Charge					Chg/mo					
18	Customer					\$100				
19	Base Rate Adjustment						\$0.00270		\$0.00270	
20	Nuclear Decom Surcharge						\$0.000988		\$0.000988	

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$0.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Primary - General Service Resale Rate R-3 (Subtransmission Service)
Similar to Rate D - Subtransmission Service

Case No. U-12970
Exhibit A-__ (TAY-1)
Witness TAYehl
Date June 2001
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Line	Unbundled/COS	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000)	Bills	Chg/mo	kW	Rate	kW	Rate	MWh	Rate
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	Generation (i)- Fixed (Capacity Related)									
2	- Fixed (Energy Related)									
3	- Variable									
4	Transmission (ii)									
5	Distribution									
6	Customer									
7	Total									
	Unbundled/Tariff Book									
	On Peak Billing Demand Charge				per kW					
8	Generation				\$6.85					
9	Transmission				0.63					
10	Total				\$7.48					
	Maximum Demand Charge						per kW			
11	Distribution						\$0.97			
	Energy Charge							On-peak	Off-peak	
								per kWh	per kWh	
12	Generation							\$0.0251	\$0.0191	
13	Transmission							0.0000	0.0000	
14	Distribution							0.0002	0.0002	
15	Customer							0.0001	0.0001	
16	Regulatory Adjustment							0.0107	0.0107	
17	Total							\$0.0361	\$0.0301	
	Customer Charge			Chg/mo						
18	Customer			\$100						
19	Base Rate Adjustment							\$0.00270	\$0.00270	
20	Nuclear Decom Surcharge							\$0.000988	\$0.000988	

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$0.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Primary - General Service Resale Rate R-3 (Primary Service)
 Similar to Rate D - Primary Service

Case No. U-12970
 Exhibit A- (TAY-1)
 Witness TAYehl
 Date June 2001
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Line	Unbundled/COS (a)	Cost to Serve	Customer Related		Billing Demand		Maximum Demand		Energy	
		(\$000) (b)	Bills (c)	Chg/mo (d)	kW (e)	Rate (f)	kW (g)	Rate (h)	MWh (i)	Rate (j)
1	Generation (i)- Fixed (Capacity Related)	\$8,477			791,000	\$10.72				
2	- Fixed (Energy Related)	2,826							331,637	\$0.0085
3	- Variable	6,224							331,637	<u>0.0188</u>
4	Transmission (ii)	784			791,000	<u>0.99</u>				
5	Distribution	1,802					831,000	\$2.17		
6	Customer	<u>127</u>	684	\$186						
7	Total	\$20,240				\$11.71				\$0.0273
Unbundled/Tariff Book										
On Peak Billing Demand Charge						per kW				
8	Generation					\$6.49				
9	Transmission					<u>0.99</u>				
10	Total					\$7.48				
Maximum Demand Charge							per kW			
11	Distribution						\$1.85			
Energy Charge								On-peak	Off-peak	
12	Generation							per kWh	per kWh	
13	Transmission							\$0.0374	\$0.0314	
14	Distribution							0.0000	0.0000	
15	Customer							0.0008	0.0008	
16	Regulatory Adjustment							0.0002	0.0002	
17	Total							<u>(0.0023)</u>	<u>(0.0023)</u>	
								\$0.0361	\$0.0301	
Customer Charge						Chg/mo				
18	Customer					\$100				
19	Base Rate Adjustment							\$0.00270	\$0.00270	
20	Nuclear Decom Surcharge							\$0.000988	\$0.000988	

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
 (ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
General Service - Unmetered Rate UR
Traffic Lighting/CATV

Case No. U-12970
 Exhibit A-__ (TAY-1)
 Witness TAYehl
 Date June 2001
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<u>Line</u>	<u>Unbundled/COS</u> (a)	<u>Cost to Serve</u> (\$000)	<u>Customer Related</u>		<u>Energy</u>	
		(b)	<u>Bills</u> (c)	<u>Chg/mo</u> (d)	<u>MWh</u> (e)	<u>Rate</u> (f)
1	Generation (i)	\$2,098			46,484	\$0.0451
2	Transmission (ii)	77			46,484	0.0017
3	Distribution	488			46,484	<u>0.0105</u>
4	Customer	<u>27</u>	5,544	\$4.87		
5	Total	\$2,690				\$0.0573

Unbundled/Tariff Book

<u>Energy Charge</u>		<u>All kWh</u>
6	Generation	\$0.0451
7	Transmission	0.0017
8	Distribution	0.0105
9	Customer	0.0004
10	Regulatory Adjustment	<u>(0.0032)</u>
11	Total	\$0.0545
<u>Customer Charge</u>		<u>Chg/mo</u>
12	Customer	\$1.70
13	Base Rate Adjustment	\$0.00270
14	Nuclear Decom Surcharge	\$0.000808

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
 (ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV.

06/04/01

CONSUMERS ENERGY COMPANY
Secondary - General Service Energy-Only Streetlighting Rate L-1

Case No. U-12970
Exhibit A- (TAY-1)
Witness TAYehl
Date June 2001
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Line	<u>Unbundled/COS</u>	<u>Cost to Serve</u>	<u>Customer Related</u>		<u>Energy</u>	
		<u>(\$000)</u>	<u>Bills</u>	<u>Chg/mo</u>	<u>MWh</u>	<u>Rate</u>
	(a)	(b)	(c)	(d)	(e)	(f)
1	Generation (i)	\$652			16,405	\$0.0397
2	Transmission (ii)	24			16,405	0.0015
3	Distribution	343			16,405	0.0209
4	Customer	<u>10</u>			16,405	<u>0.0006</u>
5	Total	\$1,029				\$0.0627

Unbundled/Tariff Book

Energy Charge		<u>All kWh</u>
6	Generation	\$0.0397
7	Transmission	0.0015
8	Distribution	0.0209
9	Customer	0.0006
10	Regulatory Adjustment	<u>(0.0031)</u>
11	Total	\$0.0596

12	Base Rate Adjustment	\$0.00270
13	Nuclear Decom Surcharge	\$0.000853

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV. 06/04/01

CONSUMERS ENERGY COMPANY
Primary - General Service Energy-Only Streetlighting Rate L-1

Case No. U-12970
 Exhibit A-__ (TAY-1)
 Witness TAYehl
 Date June 2001
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<u>Line</u>	<u>Unbundled/COS</u> (a)	<u>Cost to Serve</u> (\$000)	<u>Customer Related</u>		<u>Energy</u>	
		(b)	<u>Bills</u> (c)	<u>Chg/mo</u> (d)	<u>MWh</u> (e)	<u>Rate</u> (f)
1	Generation (i)	\$71			1,864	\$0.0381
2	Transmission (ii)	3			1,864	0.0016
3	Distribution	35			1,864	0.0188
4	Customer	<u>10</u>			1,864	<u>0.0054</u>
5	Total	\$119				\$0.0639

Unbundled/Tariff Book

<u>Energy Charge</u>		<u>All kWh</u>
6	Generation	\$0.0381
7	Transmission	0.0016
8	Distribution	0.0188
9	Customer	0.0054
10	Regulatory Adjustment	<u>(0.0126)</u>
11	Total	\$0.0513
12	Base Rate Adjustment	\$0.00270
13	Nuclear Decom Surcharge	\$0.000853

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
 (ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV. 06/04/01

CONSUMERS ENERGY COMPANY
General Service Customer-Owned Streetlighting Rate L-2

Case No. U-12970
Exhibit A-__ (TAY-1)
Witness TAYehl
Date June 2001
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Line	<u>Unbundled/COS</u>	<u>Cost to Serve</u>	<u>Customer Related</u>		<u>Energy</u>	
		<u>(\$000)</u>	<u>Bills</u>	<u>Chg/mo</u>	<u>MWh</u>	<u>Rate</u>
	(a)	(b)	(c)	(d)	(e)	(f)
1	Generation (i)	\$47			1,183	\$0.0397
2	Transmission (ii)	2			1,183	0.0017
3	Distribution	53			1,183	0.0448
4	Customer	2			1,183	0.0017
5	Total	\$104				\$0.0879

Unbundled/Tariff Book

Rate per Luminaire as a Percent of:

6	Generation	45.2%
7	Transmission	1.9%
8	Distribution	51.0%
9	Customer	1.9%
10	Total	100.0%

11	Base Rate Adjustment	\$0.00270
12	Nuclear Decom Surcharge	\$0.000853

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV. 06/04/01

CONSUMERS ENERGY COMPANY
General Service Company-Owned Streetlighting Rate L-3

Case No. U-12970
Exhibit A-__ (TAY-1)
Witness TAYehl
Date June 2001
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Line	<u>Unbundled/COS</u> (a)	<u>Cost to Serve</u> (\$000)	<u>Customer Related</u>		<u>Energy</u>	
		(b)	<u>Bills</u> (c)	<u>Chg/mo</u> (d)	<u>MWh</u> (e)	<u>Rate</u> (f)
1	Generation (i)	\$5,136			129,264	\$0.0397
2	Transmission (ii)	185			129,264	0.0014
3	Distribution	13,932			129,264	0.1078
4	Customer	<u>88</u>			129,264	<u>0.0007</u>
5	Total	\$19,341				\$0.1496

Unbundled/Tariff Book

Rate per Luminaire as a Percent of:

6	Generation	26.5%
7	Transmission	0.9%
8	Distribution	72.1%
9	Customer	<u>0.5%</u>
10	Total	100.0%

11	Base Rate Adjustment	\$0.00270
12	Nuclear Decom Surcharge	\$0.000853

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV. 06/04/01

CONSUMERS ENERGY COMPANY
General Service Outdoor Lighting Rate L-4

Case No. U-12970
Exhibit A-__ (TAY-1)
Witness TAYehl
Date June 2001
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Line	<u>Unbundled/COS</u>	<u>Cost to Serve</u>	<u>Customer Related</u>		<u>Energy</u>	
		<u>(\$000)</u>	<u>Bills</u>	<u>Chg/mo</u>	<u>MWh</u>	<u>Rate</u>
	(a)	(b)	(c)	(d)	(e)	(f)
1	Generation (i)	\$553			13,880	\$0.0398
2	Transmission (ii)	20			13,880	0.0014
3	Distribution	807			13,880	0.0581
4	Customer	<u>1,573</u>			13,880	<u>0.1133</u>
5	Total	\$2,953				\$0.2126

Unbundled/Tariff Book

Rate per Luminaire as a Percent of:

6	Generation	18.7%
7	Transmission	0.7%
8	Distribution	27.3%
9	Customer	<u>53.3%</u>
10	Total	100.0%

11	Base Rate Adjustment	\$0.00270
12	Nuclear Decom Surcharge	\$0.000853

Notes: (i) The Generation cost component excludes costs recovered through the Base Rate Adjustment of \$.00270 per kWh.
(ii) The Transmission cost component assumes the FERC transmission/distribution voltage split of 120 kV. 06/04/01