

RATE DESIGN FOR RATE RCDS - RETAIL CUSTOMER DELIVERY SERVICE
CALCULATION OF RATES AND REVENUE
EPEC-ECC and Monthly Demands

\$1,526,612,902 Embedded Revenue
(ER)

\$1,592,534,000 Revised Revenue Requirement
(RR)

		REVISED EMBEDDED COST STUDY				EPEC	PROPOSED RATES					
RESIDENTIAL DELIVERY SERVICE CUSTOMERS	Billing Units	Embedded Cost	Embedded Unit Cost	Embedded Revenue	Total Embedded Revenue	Total Revenue	Unit Charges (I)	Revenue	Total Revenue	as a % of EPEC	Annual kWh	Overall \$/kWh
	(A)	(B)	(C) = (B) / (A)	(D) = (A) * (C)	(E) = (D) by class	(F) = (E) * (RR) / (ER)	(G) = (C) * (RR) / (ER)	(H) = (A) * (G)	(J) = (H) by class	(K) = (J) / (F)	(L)	(M) = (J) / (L)
Single Family Without Space Heat												
Customer Charge	24,692,283	\$149,935,319	\$6.07	\$149,882,158			\$6.32	\$156,055,229				
Standard Metering Service Charge	24,692,283	\$43,386,432	\$1.76	\$43,458,418			\$1.84	\$45,433,801				
Distribution Facilities Charge (kWh)	18,085,441,483	\$372,274,819	\$0.02058	\$372,198,386			\$0.02148	\$388,475,283				
Total					\$565,538,962	\$589,959,658			\$589,964,313	100.00%	18,085,441,483	\$0.03262
Multi Family Without Space Heat												
Customer Charge	11,210,889	\$64,613,576	\$5.76	\$64,574,721			\$6.01	\$67,377,443				
Standard Metering Service Charge	11,210,889	\$20,791,445	\$1.85	\$20,740,145			\$1.92	\$21,524,907				
Distribution Facilities Charge (kWh)	3,757,622,321	\$73,621,663	\$0.01959	\$73,611,821			\$0.02046	\$76,880,953				
Total					\$158,926,687	\$165,789,345			\$165,783,303	100.00%	3,757,622,321	\$0.04412
Single Family With Space Heat												
Customer Charge	557,791	\$3,688,429	\$6.61	\$3,686,999			\$6.89	\$3,843,180				
Standard Metering Service Charge	557,791	\$984,079	\$1.76	\$981,712			\$1.84	\$1,026,335				
Distribution Facilities Charge (kWh)	1,052,574,530	\$17,066,469	\$0.01621	\$17,062,233			\$0.01691	\$17,799,035				
Total					\$21,730,944	\$22,669,314			\$22,668,550	100.00%	1,052,574,530	\$0.02154
Multi Family With Space Heat												
Customer Charge	1,810,676	\$10,294,488	\$5.69	\$10,302,746			\$5.90	\$10,682,988				
Standard Metering Service Charge	1,810,676	\$3,282,755	\$1.81	\$3,277,324			\$1.92	\$3,476,498				
Distribution Facilities Charge (kWh)	1,931,763,743	\$36,914,346	\$0.01911	\$36,916,005			\$0.01994	\$38,519,369				
Total					\$50,496,075	\$52,676,560			\$52,678,855	100.00%	1,931,763,743	\$0.02727
Residential TOTAL		\$796,853,820			\$796,692,668	\$831,094,877			\$831,095,021	100.00%	24,827,402,077	\$0.03347

Notes:
(1) Minor rounding exists.

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NONRESIDENTIAL DELIVERY SERVICE CUSTOMERS	Billing Units	REVISED EMBEDDED COST STUDY				EPEC	PROPOSED RATES					
		Embedded Cost	Embedded Unit Cost	Embedded Revenue	Total Embedded Revenue	Total Revenue	Unit Charges (4)	Revenue	Total Revenue	as a % of EPEC	Annual kWh	Overall \$/kWh
	(A)	(B)	(C) = (B) / (A)	(D) = (A) * (C)	(E) = (D) by class	(F) = (E) * (RR) / (ER)	(G) = (C) * (RR) / (ER)	(H) = (A) * (G)	(J) = (H) by class	(K) = (J) / (F)	(L)	(M) = (J) / (L)
With Only Watt-hour Only Meters												
Customer Charge	1,305,660	\$7,419,787	\$5.68	\$7,416,149			\$5.93	\$7,742,564				
Standard Metering Service Charge	1,305,660	\$2,367,797	\$1.81	\$2,363,245			\$1.89	\$2,467,697				
Distribution Facilities Charge (kWh)	693,286,760	\$10,337,753	\$0.01491	\$10,336,906			\$0.01554	\$10,773,676				
Total					\$20,116,300	\$20,984,948			\$20,983,937	100.00%	693,286,760	\$0.03027
0 kW up to and including 25 kW												
Customer Charge	1,733,977	\$9,857,006	\$5.68	\$9,848,989			\$5.94	\$10,299,823				
Standard Metering Service Charge	1,733,977	\$7,559,873	\$4.36	\$7,560,140			\$4.55	\$7,889,595				
Distribution Facilities Charge (kW) (1)	13,557,695	\$50,851,788	\$3.75	\$50,841,356			\$3.91	\$53,010,587				
Rider HVDS Credit (kW) (2)	0		(\$0.10138)	\$0			(\$2.02)	\$0				
Total					\$68,250,485	\$71,197,628			\$71,200,005	100.00%	3,578,278,067	\$0.01990
Over 25 kW up to and including 100 kW												
Customer Charge	615,702	\$3,810,587	\$6.19	\$3,811,195			\$6.46	\$3,977,435				
Standard Metering Service Charge	615,702	\$2,877,189	\$4.67	\$2,875,328			\$4.87	\$2,998,469				
Distribution Facilities Charge (kW) (1)	22,077,986	\$92,118,923	\$4.17	\$92,065,202			\$4.35	\$96,039,239				
Rider HVDS Credit (kW) (2)	0		(\$0.10138)	\$0			(\$2.02)	\$0				
Total					\$98,751,725	\$103,015,951			\$103,015,143	100.00%	6,837,165,121	\$0.01507
Over 100 kW up to and including 400 kW												
Customer Charge	203,585	\$2,867,255	\$14.08	\$2,866,477			\$14.69	\$2,990,664				
Standard Metering Service Charge	203,585	\$1,143,712	\$5.62	\$1,144,148			\$6.01	\$1,223,546				
Distribution Facilities Charge (kW) (1)	28,494,661	\$125,874,983	\$4.42	\$125,946,402			\$4.61	\$131,360,387				
Rider HVDS Credit (kW) (2)	429		(\$0.10138)	(\$43)			(\$2.02)	(\$867)				
Total					\$129,956,984	\$135,568,693			\$135,573,730	100.00%	10,294,281,151	\$0.01317
Over 400 kW up to and including 800 kW												
Customer Charge	45,417	\$639,451	\$14.08	\$639,471			\$14.69	\$667,176				
Standard Metering Service Charge	45,417	\$350,965	\$7.73	\$351,073			\$6.36	\$288,852				
Distribution Facilities Charge (kW) (1)	19,051,323	\$90,373,761	\$4.74	\$90,303,271			\$4.95	\$94,304,049				
Rider HVDS Credit (kW) (2)	12,770		(\$0.10138)	(\$1,295)			(\$2.02)	(\$25,795)				
Total					\$91,292,520	\$95,234,648			\$95,234,282	100.00%	7,949,109,215	\$0.01198
Over 800 kW up to and including 1,000 kW												
Customer Charge	7,761	\$109,288	\$14.08	\$109,275			\$14.74	\$114,397				
Standard Metering Service Charge	7,761	\$41,798	\$5.39	\$41,832			\$8.82	\$68,452				
Distribution Facilities Charge (kW) (1)	5,470,816	\$27,179,765	\$4.97	\$27,189,956			\$5.18	\$28,338,827				
Rider HVDS Credit (kW) (2)	0		(\$0.10138)	\$0			(\$2.02)	\$0				
Total					\$27,341,063	\$28,521,685			\$28,521,676	100.00%	2,335,097,138	\$0.01221

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NONRESIDENTIAL DELIVERY SERVICE CUSTOMERS	Billing Units	REVISED EMBEDDED COST STUDY				EPEC	PROPOSED RATES					
		Embedded Cost	Embedded Unit Cost	Embedded Revenue	Total Embedded Revenue	Total Revenue	Unit Charges (4)	Revenue	Total Revenue	as a % of EPEC	Annual kWh	Overall \$/kWh
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(J)	(K)	(L)	(M)
			= (B) / (A)	= (A) * (C)	= (D) by class	= (E) * (RR) / (ER)	= (C) * (RR) / (ER)	= (A) * (G)	= (H) by class	= (J) / (F)		= (J) / (L)
Over 1,000 kW up to and including 3,000 kW												
Customer Charge	16,813	\$3,895,652	\$231.70	\$3,895,572			\$236.72	\$3,979,973				
Standard Metering Service Charge	16,813	\$294,003	\$17.49	\$294,059			\$18.25	\$306,837				
Distribution Facilities Charge (kW) (1)	22,420,983	\$105,641,157	\$4.71	\$105,602,830			\$4.92	\$110,311,236				
Rider HVDS Credit (kW) (2)	36,223		(\$0.10138)	(\$3,672)			(\$2.02)	(\$73,170)				
Total					\$109,788,789	\$114,529,609			\$114,524,876	100.00%	10,204,466,373	\$0.01122
Over 3,000 kW up to and including 6,000 kW												
Customer Charge	3,688	\$853,674	\$231.47	\$853,661			\$237.47	\$875,789				
Standard Metering Service Charge	3,688	\$105,352	\$28.57	\$105,366			\$21.80	\$80,398				
Distribution Facilities Charge (kW) (1)	12,526,533	\$60,627,133	\$4.84	\$60,628,420			\$5.08	\$63,634,788				
Rider HVDS Credit (kW) (2)	180,332		(\$0.10138)	(\$18,282)			(\$2.02)	(\$364,271)				
Total					\$61,569,165	\$64,227,800			\$64,226,704	100.00%	6,027,272,111	\$0.01066
Over 6,000 kW up to and including 10,000 kW												
Customer Charge	964	\$225,257	\$233.67	\$225,258			\$247.77	\$238,850				
Standard Metering Service Charge	964	\$30,993	\$32.15	\$30,993			\$33.54	\$32,333				
Distribution Facilities Charge (kW) (1)	5,795,974	\$26,654,278	\$4.61	\$26,719,440			\$4.93	\$28,574,152				
Rider HVDS Credit (kW) (2)	367,786		(\$0.10138)	(\$37,286)			(\$2.02)	(\$742,928)				
Total					\$26,938,405	\$28,101,640			\$28,102,407	100.00%	2,831,246,373	\$0.00993
Over 10,000 kW												
Customer Charge	1,021	\$227,330	\$222.65	\$227,326			\$382.29	\$390,318				
Standard Metering Service Charge	1,021	\$57,179	\$56.00	\$57,176			\$83.42	\$85,172				
Distribution Facilities Charge (kW) (1)	20,208,598	\$64,739,981	\$3.25	\$65,677,944			\$4.35	\$87,907,401				
Rider HVDS Credit (kW) (2)	10,224,419		(\$0.10138)	(\$1,036,552)			(\$2.02)	(\$20,653,326)				
Total					\$64,925,894	\$67,729,477			\$67,729,565	100.00%	10,347,033,284	\$0.00655
Railroad												
Customer Costs (Points of Supply)	840	\$5,409	\$6.44	\$5,410			\$13.72	\$11,525				
Standard Metering Service Charge (Points of Supply)	840	\$28,858	\$34.35	\$28,854			\$35.83	\$30,097				
Distribution Facilities Charge (kW)	1,318,375	\$6,252,637	\$4.74	\$6,249,098			\$4.94	\$6,512,773				
Total					\$6,283,362	\$6,554,686			\$6,554,395	100.00%	451,433,454	\$0.01452
Pumping												
Customer Costs		\$297,784										
Standard Metering Service Charge (kWh)	672,591,581	\$267,553	\$0.00040	\$269,037			\$0.00042	\$282,488				
Distribution Facilities Charge (kWh) (3)	672,591,581	\$6,770,053	\$0.01051	\$7,068,938			\$0.01096	\$7,371,604				
Total					\$7,337,975	\$7,654,838			\$7,654,092	99.99%	672,591,581	\$0.01138
Nonresidential TOTAL		\$712,755,964			\$712,552,667	\$743,321,603			\$743,320,812	100.00%		

- Notes:
- (1) Distribution facilities charges in \$/kW for the 0 kW-25 kW through the Over 10,000 kW customer classes are adjusted to account for the Rider HVDS credit, as applicable.
 - (2) Rider HVDS credit is from ComEd Exhibit 50.0 Attachment B, billing determinants, and EPMC $(\$2.12/\text{kW} \times (14,487,209 \text{ kW} / 10,821,959 \text{ kW}) \times (\$1,592,534,000 / \$2,234,838,923))$
 - (3) For the purposes of rate design, customer costs are included in the distribution facilities charge for the pumping class.
 - (4) Minor rounding exists.

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LIGHTING DELIVERY SERVICE CUSTOMERS	Billing Units	LTG COST ASSIGNMENT			REVISED EMBEDDED COST STUDY				EPEC	PROPOSED RATES					
		Unit Charges	Revenue	Total Revenue	Embedded Cost	Embedded Unit Cost	Embedded Revenue	Total Embedded Revenue	Total Revenue	Unit Charges (3)	Revenue	Total Revenue	as a % of EPEC	kWh	Overall \$/kWh
	(A)	(B)	(C) = (A) * (B)	(D) = (C) by class	(E)	(F) = (B) * (Y) / (Z)	(G) = (A) * (F)	(H) = (G) by class	(J) = (H) * (RR) / (ER)	(K) = (F) * (RR) / (ER)	(L) = (A) * (K)	(M) = (L) by class	(N) = (M) / (J)	(P)	(Q) = (M) / (P)
Fixtures															
Fixture-included Lighting Customer Costs (1)					\$183,555		\$183,555								
Charge per Fixture Municipal Street Lighting															
Mercury Vapor - 100 Watts	252,558	\$3.55	\$896,581			\$3.00	\$757,674			\$3.18	\$803,134				
- 175 Watts	649,128	\$3.95	\$2,564,056			\$3.34	\$2,168,088			\$3.54	\$2,297,913				
- 250 Watts	104,106	\$4.37	\$454,943			\$3.70	\$385,192			\$3.92	\$408,096				
- 400 Watts	118,194	\$5.22	\$616,973			\$4.42	\$522,417			\$4.69	\$554,330				
High Pressure Sodium - 70 Watts	16,662	\$3.93	\$65,482			\$3.33	\$55,484			\$3.53	\$58,817				
- 100 Watts	189,972	\$3.85	\$731,392			\$3.26	\$619,309			\$3.47	\$659,203				
- 150 Watts	188,640	\$4.12	\$777,197			\$3.49	\$658,354			\$3.70	\$697,968				
- 250 Watts	131,922	\$4.87	\$642,460			\$4.12	\$543,519			\$4.37	\$576,499				
- 400 Watts	25,020	\$5.71	\$142,864			\$4.83	\$120,847			\$5.12	\$128,102				
- 1,000 Watts	1,644	\$12.35	\$20,303			\$10.45	\$17,180			\$11.08	\$18,216				
Special Equipment - Bracket < 8 feet	905,808	\$1.85	\$1,675,745			\$1.57	\$1,422,119			\$1.67	\$1,512,699				
> 8 feet	622,254	\$3.78	\$2,352,120			\$3.20	\$1,991,213			\$3.39	\$2,109,441				
Luminaire - Post Top (Early American/Contemporary)	51,426	\$1.81	\$93,081			\$1.53	\$78,682			\$1.62	\$83,310				
- Acorn	4,782	\$4.91	\$23,480			\$4.15	\$19,845			\$4.40	\$21,041				
Charge per Fixture Private Outdoor Lighting															
Mercury Vapor - 175 Watts	136,799	\$4.27	\$584,132			\$3.61	\$493,844			\$3.83	\$523,940				
- 400 Watts	47,865	\$5.80	\$277,617			\$4.91	\$235,017			\$5.21	\$249,377				
High Pressure Sodium Flood - 100 Watts	26,930	\$5.52	\$148,654			\$4.67	\$125,763			\$4.95	\$133,304				
- 250 Watts	121,142	\$6.09	\$737,755			\$5.15	\$623,881			\$5.46	\$661,435				
High Pressure Sodium Conventional - 100 Watts	5,373	\$4.26	\$22,889			\$3.60	\$19,343			\$3.82	\$20,525				
- 150 Watts	10,464	\$4.52	\$47,297			\$3.82	\$39,972			\$4.05	\$42,379				
Fixture-included Lighting Distribution Costs			\$ 12,875,021 (Z)		\$10,893,530 (Y)										
Total								\$11,081,298	\$11,559,803			\$11,559,729	100.00%	na	na
Street Lighting - Dusk to Dawn and All Other Lighting	<u>kWh</u>														
Customer Costs - Dusk to Dawn					\$418,964										
Standard Metering Service Charge - Dusk to Dawn (kWh)	482,239,768				\$25,685	\$0.00005	\$24,112			\$0.00005	\$24,112				
Distribution Facilities Charge - Dusk to Dawn (kWh) (2)	482,239,768				\$5,121,513	\$0.01149	\$5,540,935			\$0.01199	\$5,782,055				
Total								\$5,565,047	\$5,805,353			\$5,806,167	100.01%	482,239,768	\$0.01204
Customer Costs - All Other Lighting					\$71,726										
Standard Metering Service Charge - All Other Lighting (kWh)	88,711,232				\$3,885	\$0.00004	\$3,548			\$0.00004	\$3,548				
Distribution Facilities Charge - All Other Lighting (kWh) (2)	88,711,232				\$646,356	\$0.00809	\$717,674			\$0.00844	\$748,723				
Total								\$721,222	\$752,365			\$752,271	99.99%	88,711,232	\$0.00848
Lighting TOTAL					\$17,365,214			\$17,367,567	\$18,117,521			\$18,118,167	100.00%		
COMPANY TOTAL					\$1,526,974,998			\$1,526,612,902	\$1,592,534,001			\$1,592,534,000	OK		
COMPANY REVENUE REQUIREMENT												\$1,592,534,000			
												\$0	difference		

Notes:
(1) For the purposes of rate design, customer costs are included in the fixture charges for the fixture-included lighting class.
(2) For the purposes of rate design, customer costs are included in the per kWh distribution facilities charges for the street lighting classes.
(3) Minor rounding exists.

Company Embedded Cost of Service Study Revenue Assignment by Delivery Service Customer Class
Source: Schedule F of Compliance filing in Docket No. 01-0423 dated April 11, 2002
EPEC-ECC and Monthly Demands

Class	HV ESS \$	HV Dist Substa \$	HV Dist Lines \$	Dist Substa \$	Dist Lines \$	Line Trans \$	Uncollectible \$	Rev Related \$	Elec Dis Tax \$	System Black Start \$	Fixture-Inc Ltg \$	Total Distribution \$
Residential												
Single Family WO/Space Heat	\$ -	\$ 77,604,011	\$ 10,464,845	\$ 34,469,612	\$ 210,021,113	\$ 23,796,783	\$ 1,797,522	\$ (4,272,947)	\$ 18,318,651	\$ 75,229	\$ -	\$ 372,274,819
Multi Family WO/Space Heat	\$ -	\$ 15,861,048	\$ 2,138,851	\$ 6,302,704	\$ 38,401,965	\$ 4,351,197	\$ 3,582,840	\$ (864,552)	\$ 3,831,874	\$ 15,736	\$ -	\$ 73,621,663
Single Family W/Space Heat	\$ -	\$ 2,168,612	\$ 292,436	\$ 1,745,491	\$ 10,635,162	\$ 1,205,034	\$ 153,813	\$ (186,345)	\$ 1,047,962	\$ 4,304	\$ -	\$ 17,066,469
Multi Family W/Space Heat	\$ -	\$ 4,078,471	\$ 549,979	\$ 3,855,666	\$ 23,492,323	\$ 2,661,836	\$ 782,415	\$ (410,290)	\$ 1,896,159	\$ 7,787	\$ -	\$ 36,914,346
Fixture-included Lighting Residential (see Fixture-included Lighting Nonresidential)												
Non-Residential -												
With Only Watt-hour Only Meters	\$ -	\$ 2,432,431	\$ 328,012	\$ 889,669	\$ 5,420,697	\$ 614,201	\$ 57,933	\$ (123,705)	\$ 715,576	\$ 2,939	\$ -	\$ 10,337,753
0 kW up to and including 25 kW	\$ -	\$ 11,940,796	\$ 1,610,208	\$ 4,354,660	\$ 26,532,661	\$ 3,006,326	\$ 292,622	\$ (599,586)	\$ 3,698,911	\$ 15,190	\$ -	\$ 50,851,788
Over 25 kW up to and including 100 kW	\$ -	\$ 21,189,478	\$ 2,857,386	\$ 7,886,189	\$ 48,050,042	\$ 5,444,388	\$ 579,069	\$ (982,151)	\$ 7,065,506	\$ 29,016	\$ -	\$ 92,118,923
Over 100 kW up to and including 400 kW	\$ -	\$ 28,801,654	\$ 3,883,882	\$ 10,720,719	\$ 65,320,645	\$ 7,401,262	\$ 646,015	\$ (1,295,134)	\$ 10,353,422	\$ 42,518	\$ -	\$ 125,874,983
Over 400 kW up to and including 800 kW	\$ 13,606	\$ 20,047,977	\$ 2,705,274	\$ 7,688,361	\$ 46,844,685	\$ 5,307,813	\$ 411,106	\$ (913,018)	\$ 8,234,142	\$ 33,815	\$ -	\$ 90,373,761
Over 800 kW up to and including 1,000 kW	\$ 1,445	\$ 5,787,929	\$ 780,681	\$ 2,355,247	\$ 14,350,370	\$ 1,625,992	\$ 118,467	\$ (273,829)	\$ 2,423,510	\$ 9,953	\$ -	\$ 27,179,765
Over 1,000 kW up to and including 3,000 kW	\$ 55,166	\$ 22,870,625	\$ 3,091,278	\$ 8,987,795	\$ 54,762,053	\$ 6,204,903	\$ 64,680	\$ (1,055,566)	\$ 10,616,624	\$ 43,599	\$ -	\$ 105,641,157
Over 3,000 kW up to and including 6,000 kW	\$ 296,044	\$ 12,851,204	\$ 1,770,920	\$ 5,138,342	\$ 31,307,587	\$ 3,547,357	\$ 35,009	\$ (601,979)	\$ 6,256,954	\$ 25,695	\$ -	\$ 60,627,133
Over 6,000 kW up to and including 10,000 kW	\$ 532,798	\$ 5,636,119	\$ 808,141	\$ 2,180,685	\$ 13,286,771	\$ 1,505,479	\$ 15,560	\$ (262,393)	\$ 2,939,048	\$ 12,070	\$ -	\$ 26,654,278
Over 10,000 kW	\$ 10,980,141	\$ 9,175,343	\$ 2,470,921	\$ 4,095,564	\$ 24,954,008	\$ 2,827,454	\$ 29,883	\$ (600,399)	\$ 10,762,866	\$ 44,200	\$ -	\$ 64,739,981
Railroad	\$ -	\$ 1,103,588	\$ 148,818	\$ 648,422	\$ 3,950,796	\$ -	\$ -	\$ (63,357)	\$ 462,471	\$ 1,899	\$ -	\$ 6,252,637
Pumping	\$ -	\$ 1,306,728	\$ 176,211	\$ 597,550	\$ 3,640,834	\$ 412,531	\$ 1,994	\$ (70,504)	\$ 701,827	\$ 2,882	\$ -	\$ 6,770,053
Fixture-included Lighting Nonresidential	\$ -	\$ 3,325	\$ 448	\$ 157,622	\$ 960,383	\$ 108,818	\$ 4,636	\$ (166,573)	\$ 132,567	\$ 544	\$ 9,691,760	\$ 10,893,530
Street Lighting - Dusk to Dawn	\$ -	\$ 12,287	\$ 1,657	\$ 597,630	\$ 3,641,319	\$ 412,586	\$ 1,390	\$ (52,125)	\$ 504,696	\$ 2,073	\$ -	\$ 5,121,513
Street Lighting - All Other Lighting	\$ -	\$ 137,408	\$ 18,529	\$ 51,799	\$ 315,611	\$ 35,761	\$ 287	\$ (6,262)	\$ 92,842	\$ 381	\$ -	\$ 646,356
TOTAL	\$ 11,879,200	\$ 243,009,034	\$ 34,098,477	\$ 102,723,727	\$ 625,889,025	\$ 70,469,721	\$ 8,575,241	\$ (12,800,715)	\$ 90,055,608	\$ 369,830	\$ 9,691,760	\$ 1,183,960,908

Company Embedded Cost of Service Study Revenue Assignment by Delivery Service Customer Class

Source: Schedule F of Compliance filing in Docket No. 01-0423 dated April 11, 2002

EPEC-ECC and Monthly Demands

Class	Services	Customer Installation	Billing Computation	Bill Issue	Customer	Uncollect	Revenue	Total	Customer and	Metering	Customer	
	\$	Other \$	Data Mgmt \$	Processing \$	Info \$	\$	Related \$	Customer \$	Distribution Total \$	Service \$	Distribution Metering Service Total \$	
Residential												
Single Family WO/Space Heat	\$ 17,385,679	\$ 33,198,481	\$ 79,051,372	\$ 13,090,898	\$ 8,205,877	\$ 723,960	\$ (1,720,948)	\$ 149,935,319	\$ 522,210,138	\$ 43,386,432	\$ 565,596,570	
Multi Family WO/Space Heat	\$ 1,594,491	\$ 15,072,913	\$ 35,891,234	\$ 5,943,584	\$ 3,725,667	\$ 3,144,456	\$ (758,769)	\$ 64,613,576	\$ 138,235,239	\$ 20,791,445	\$ 159,026,684	
Single Family W/Space Heat	\$ 678,656	\$ 749,950	\$ 1,785,762	\$ 295,722	\$ 185,370	\$ 33,242	\$ (40,273)	\$ 3,688,429	\$ 20,754,898	\$ 984,079	\$ 21,738,977	
Multi Family W/Space Heat	\$ 397,765	\$ 2,434,438	\$ 5,796,821	\$ 959,953	\$ 601,735	\$ 218,196	\$ (114,420)	\$ 10,294,488	\$ 47,208,834	\$ 3,282,755	\$ 50,491,589	
Fixture-included Lighting Residential (see Fixture-included Lighting Nonresidential)												
Non-Residential -												
With Only Watt-hour Only Meters	\$ 405,414	\$ 1,755,445	\$ 4,180,020	\$ 692,211	\$ 433,904	\$ 41,581	\$ (88,788)	\$ 7,419,787	\$ 17,757,540	\$ 2,367,797	\$ 20,125,337	
0 kW up to and including 25 kW	\$ 538,409	\$ 2,331,310	\$ 5,551,257	\$ 919,287	\$ 576,245	\$ 56,721	\$ (116,223)	\$ 9,857,006	\$ 60,708,794	\$ 7,559,873	\$ 68,268,667	
Over 25 kW up to and including 100 kW	\$ 497,243	\$ 827,812	\$ 1,971,165	\$ 326,425	\$ 204,616	\$ 23,954	\$ (40,628)	\$ 3,810,587	\$ 95,929,510	\$ 2,877,189	\$ 98,806,699	
Over 100 kW up to and including 400 kW	\$ 1,780,992	\$ 273,711	\$ 651,753	\$ 107,930	\$ 67,655	\$ 14,715	\$ (29,501)	\$ 2,867,255	\$ 128,742,238	\$ 1,143,712	\$ 129,885,950	
Over 400 kW up to and including 800 kW	\$ 397,351	\$ 61,067	\$ 145,410	\$ 24,080	\$ 15,094	\$ 2,909	\$ (6,460)	\$ 639,451	\$ 91,013,212	\$ 350,965	\$ 91,364,177	
Over 800 kW up to and including 1,000 kW	\$ 67,922	\$ 10,439	\$ 24,856	\$ 4,116	\$ 2,580	\$ 476	\$ (1,101)	\$ 109,288	\$ 27,289,053	\$ 41,798	\$ 27,330,851	
Over 1,000 kW up to and including 3,000 kW	\$ 152,239	\$ 22,604	\$ 3,742,849	\$ 8,913	\$ 5,587	\$ 2,385	\$ (38,925)	\$ 3,895,652	\$ 109,536,809	\$ 294,003	\$ 109,830,812	
Over 3,000 kW up to and including 6,000 kW	\$ 33,360	\$ 4,953	\$ 820,167	\$ 1,953	\$ 1,224	\$ 493	\$ (8,476)	\$ 853,674	\$ 61,480,807	\$ 105,352	\$ 61,586,159	
Over 6,000 kW up to and including 10,000 kW	\$ 8,802	\$ 1,307	\$ 216,396	\$ 515	\$ 323	\$ 131	\$ (2,217)	\$ 225,257	\$ 26,879,535	\$ 30,993	\$ 26,910,528	
Over 10,000 kW	\$ -	\$ 1,371	\$ 227,082	\$ 541	\$ 339	\$ 105	\$ (2,108)	\$ 227,330	\$ 64,967,311	\$ 57,179	\$ 65,024,490	
Railroad	\$ -	\$ 32	\$ 5,411	\$ 13	\$ 8	\$ -	\$ (55)	\$ 5,409	\$ 6,258,046	\$ 28,858	\$ 6,286,904	
Pumping	\$ 257,832	\$ 10,681	\$ 25,432	\$ 4,212	\$ 2,640	\$ 88	\$ (3,101)	\$ 297,784	\$ 7,067,837	\$ 267,553	\$ 7,335,390	
Fixture-included Lighting Nonresidential	\$ -	\$ 29,089	\$ 138,534	\$ 11,471	\$ 7,190	\$ 78	\$ (2,807)	\$ 183,555	\$ 11,077,085	\$ -	\$ 11,077,085	
Street Lighting - Dusk to Dawn	\$ 307,396	\$ 28,767	\$ 68,498	\$ 11,343	\$ 7,110	\$ 114	\$ (4,264)	\$ 418,964	\$ 5,540,477	\$ 25,685	\$ 5,566,162	
Street Lighting - All Other Lighting	\$ 32,604	\$ 9,890	\$ 23,550	\$ 3,900	\$ 2,445	\$ 32	\$ (695)	\$ 71,726	\$ 718,082	\$ 3,885	\$ 721,967	
TOTAL	\$ 24,536,155	\$ 56,824,260	\$ 140,317,569	\$ 22,407,067	\$ 14,045,609	\$ 4,263,636	\$ (2,979,759)	\$ 259,414,537	\$ 1,443,375,445	\$ 83,599,553	\$ 1,526,974,998	