

**RATE DESIGN FOR RATE RDS - RETAIL DELIVERY SERVICE
 MITIGATED RATE DESIGN WITH SERVICES ANALYSIS RESULTS ONLY
 2006 TEST YEAR**

Residential ECOSS-Based Revenue \$1,103,491,305 (ER)

Total Residential Revenue Requirement \$1,059,331,322 (RR)

RESIDENTIAL DELIVERY CLASSES	2006 Test Year Billing Units (A)	ECOSS-BASED REVENUE (WITH UNCOLLECTIBLES ANALYSIS)				EPEC	ILLUSTRATIVE RATES						Prior To 9/16/08 Overall \$/kWh (N)	Increase % (P) = ((M) / (N)) - 1
		Embedded Cost (B)	Unit Cost (C) = (B) / (A)	Embedded Revenue (D) = (A) * (C)	Total Embedded Revenue (E) = (D) by class	EPEC Revenue (F) = (E) * (RR) / (ER)	Unit Charges (1) (G) = (C) * (RR) / (ER)	Revenue (H) = (A) * (G)	Total Revenue (J) = (H) by class	as a % of EPEC (K) = (J) / (F)	Annual kWh (L)	Overall \$/kWh (M) = (J) / (L)	(N)	(P)
Single Family Without Electric Space Heat														
Customer Charge	26,697,419	\$218,304,050	\$8.18	\$218,384,887		\$7.59	\$202,633,410							
Standard Metering Service Charge	26,697,419	\$60,331,020	\$2.26	\$60,336,167		\$2.24	\$59,802,219							
Distribution Facilities Charge (kWh)	21,387,196,569	\$530,836,310	\$0.02482	\$530,830,219		\$0.02407	\$514,789,821							
Total				\$809,551,273		\$777,154,307		\$777,225,450	100.0%	21,387,196,569	\$0.0363	\$0.0307	18.2%	
Multi Family Without Electric Space Heat														
Customer Charge	11,790,625	\$75,091,764	\$6.37	\$75,106,281		\$6.69	\$78,879,281							
Standard Metering Service Charge	11,790,625	\$29,203,943	\$2.48	\$29,240,750		\$2.24	\$26,411,000							
Distribution Facilities Charge (kWh)	4,318,599,079	\$113,589,633	\$0.02630	\$113,579,156		\$0.02407	\$103,948,680							
Total				\$217,926,187		\$209,205,124		\$209,238,961	100.0%	4,318,599,079	\$0.0485	\$0.0389	24.7%	
Single Family With Electric Space Heat														
Customer Charge	421,054	\$3,470,652	\$8.24	\$3,469,485		\$7.59	\$3,195,800							
Standard Metering Service Charge	421,054	\$951,522	\$2.26	\$951,582		\$2.24	\$943,161							
Distribution Facilities Charge (kWh)	846,860,628	\$17,142,959	\$0.02024	\$17,140,459		\$0.02022	\$17,123,522							
Total				\$21,561,526		\$20,698,668		\$21,262,483	102.7%	846,860,628	\$0.0251	\$0.0216	16.2%	
Multi Family With Electric Space Heat														
Customer Charge	1,851,477	\$11,771,694	\$6.36	\$11,775,394		\$6.69	\$12,386,381							
Standard Metering Service Charge	1,851,477	\$4,585,941	\$2.48	\$4,591,663		\$2.24	\$4,147,308							
Distribution Facilities Charge (kWh)	1,734,301,528	\$38,085,776	\$0.02196	\$38,085,262		\$0.02022	\$35,067,577							
Total				\$54,452,319		\$52,273,223		\$51,601,266	98.7%	1,734,301,528	\$0.0298	\$0.0247	20.7%	
Residential TOTAL				\$1,103,491,305		\$1,059,331,322		\$1,059,328,160	100.0%	28,286,957,804	\$0.0374	\$0.0313	19.5%	
Annual Bills	40,760,575													
Annual kWhs	28,286,957,804													

Notes:
 (1) Minor rounding exists.

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Nonresidential ECOS-Based Revenue
Excluding High Voltage Delivery Class \$890,845,069 (ER)

Nonresidential Revenue Requirement
Excluding High Voltage Delivery Class \$855,194,853 (RR)

NONRESIDENTIAL DELIVERY CLASSES EXCLUDING HIGH VOLTAGE DELIVERY CLAS	ECOS-BASED REVENUE (WITH UNCOLLECTIBLES ANALYSIS)					EPEC		ILLUSTRATIVE RATES					Prior To 9/16/08 Overall \$/kWh	Increase %
	2006 Test Year Billing Units	Embedded Cost	Unit Cost	Embedded Revenue	Total Embedded Revenue	EPEC Revenue	Unit Charges (1) (2) (3)	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)		
103.65%														
Watt-Hour Delivery Class														
Customer Charge	1,174,063	\$8,864,573	\$7.55	\$8,864,176			\$7.59	\$8,911,138						
Standard Metering Service Charge	1,174,063	\$2,211,524	\$1.88	\$2,207,238			\$1.80	\$2,113,313						
Distribution Facilities Charge (kWh)	539,524,870	\$10,295,345	\$0.01908	\$10,294,135			\$0.01899	\$10,245,577						
Total					\$21,365,549	\$20,510,533			\$21,270,028	103.7%	539,524,870	\$0.0394	\$0.0373	5.6%
Small Load Delivery Class														
Customer Charge	2,697,083	\$22,009,212	\$8.16	\$22,008,197			\$8.38	\$22,601,556						
Standard Metering Service Charge	2,697,083	\$18,910,747	\$7.01	\$18,906,552			\$6.73	\$18,151,369						
Distribution Facilities Charge (kW)	38,963,580	\$190,128,975	\$4.88	\$190,142,270			\$4.86	\$189,362,999						
Rider ACT	35,144						(\$0.20533)	(\$7,216)						
Total					\$231,057,019	\$221,810,481			\$230,108,708	103.7%	11,486,376,300	\$0.0200	\$0.0179	11.7%
Medium Load Delivery Class														
Customer Charge	213,239	\$2,693,472	\$12.63	\$2,693,209			\$13.98	\$2,981,081						
Standard Metering Service Charge	213,239	\$2,149,072	\$10.08	\$2,149,449			\$9.68	\$2,064,154						
Distribution Facilities Charge (kW)	30,408,673	\$173,296,463	\$5.70	\$173,329,436			\$5.67	\$172,417,176						
Rider ACT	80,983						(\$0.20533)	(\$16,628)						
Total					\$178,172,094	\$171,041,928			\$177,445,783	103.7%	10,887,369,174	\$0.0163	\$0.0144	13.2%
Large Load Delivery Class														
Customer Charge	51,580	\$4,757,570	\$92.24	\$4,757,739			\$95.54	\$4,927,953						
Standard Metering Service Charge	51,580	\$823,596	\$15.97	\$823,733			\$15.33	\$790,721						
Distribution Facilities Charge (kW)	23,898,892	\$145,137,947	\$6.07	\$145,066,274			\$6.04	\$144,349,308						
Rider ACT	160,613						(\$0.20533)	(\$32,979)						
Total					\$150,647,746	\$144,619,061			\$150,035,003	103.7%	10,249,079,093	\$0.0146	\$0.0130	12.3%
Very Large Load Delivery Class														
Customer Charge	22,759	\$11,470,250	\$503.99	\$11,470,308			\$533.48	\$12,141,471						
Standard Metering Service Charge	22,759	\$464,690	\$20.42	\$464,739			\$19.60	\$446,076						
Distribution Facilities Charge (kW)	41,314,110	\$237,338,491	\$5.74	\$237,142,991			\$5.71	\$235,903,568						
Rider ACT	2,092,367						(\$0.20533)	(\$429,626)						
Total					\$249,078,038	\$239,110,327			\$248,061,489	103.7%	19,466,948,637	\$0.0127	\$0.0116	9.5%
Extra Large Load Delivery Class														
Customer Charge	639	\$518,526	\$811.46	\$518,523			\$779.87	\$498,337						
Standard Metering Service Charge	639	\$34,344	\$53.75	\$34,346			\$51.60	\$32,972						
Distribution Facilities Charge (kW)	8,650,679	\$51,387,732	\$5.94	\$51,385,033			\$3.27	\$28,287,720						
Rider ACT	506,532						(\$0.20533)	(\$104,006)						
Total					\$51,937,902	\$49,859,429			\$28,715,023	57.6%	4,200,693,052	\$0.0068	\$0.0052	30.8%
Railroad Delivery Class														
Customer Charge	24	\$108,103	\$4,504.29	\$108,103			\$4,324.68	\$103,792						
Standard Metering Service Charge	24	\$1,510	\$62.92	\$1,510			\$60.40	\$1,450						
Distribution Facilities Charge (kW)	1,535,708	\$8,479,871	\$5.52	\$8,477,108			\$3.17	\$4,868,194						
Total					\$8,586,721	\$8,243,094			\$4,973,436	60.3%	512,229,931	\$0.0097	\$0.0076	27.6%
Nonresidential TOTAL Excluding High Voltage Delivery Class					\$890,845,069	\$855,194,853			\$860,609,470	100.6%	57,342,221,057	\$0.0150	\$0.0134	11.9%

Notes:

- (1) Minor rounding exists.
- (2) Distribution Facilities Charges for Watt-Hour, Small Load, Medium Load, Large Load, and Very Large Load Delivery Classes increased over embedded cost in order to recover amounts not recovered from Extra Large Load, Railroad, and High Voltage Delivery Classes. Distribution Facilities Charges for Extra Large Load and Railroad Delivery Classes are moved only 25% to embedded cost.
- (3) Distribution Facilities Charge required adjustment, as applicable, to allow for recovery of Rider ACT credit.

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High Voltage Delivery Class ECOSS-BASED Revenue \$18,399,124 (ER)

High Voltage Delivery Class Revenue Requirement \$17,662,820 (RR)

NONRESIDENTIAL HIGH VOLTAGE DELIVERY CLASS	2006 Test Year Billing Units	ECOSS-BASED REVENUE (WITH UNCOLLECTIBLES ANALYSIS)				EPEC	2006 Test Year Billing Units	ILLUSTRATIVE RATES						Prior To 9/16/08 Overall \$/kWh	Increase %			
		Embedded Cost	Unit Cost	Embedded Revenue	Total Embedded Revenue	EPEC Revenue		Unit Charges (1) (2) (3)	Revenue	Total Revenue	as a % of EPEC	Annual kWh	Overall \$/kWh	Overall \$/kWh				
	(A)	(B)	(C) = (B) / (A)	(D) = (A) * (C)	(E) = (D) by class	(F) = (E) * (RR) / (ER)	(A*)	(G)	(H)	(J) = (H) by class	(K) = (J) / (F)	(L)	(M) = (J) / (L)	(N)	(P) = ((M) / (N)) - 1			
Customer Charge																		
Small Load								\$8.38	\$0									
Medium Load								\$13.98	\$0									
Large Load								\$95.54	\$0									
Very Large Load							72	\$533.48	\$38,411									
Extra Large Load								\$779.87	\$0									
High Voltage	801	\$372,964	\$465.62	\$372,962			729	\$446.99	\$325,856									
Standard Metering Service Charge																		
Small Load								\$6.73	\$0									
Medium Load								\$9.68	\$0									
Large Load								\$15.33	\$0									
Very Large Load							72	\$19.60	\$1,411									
Extra Large Load								\$51.60	\$0									
High Voltage	801	\$21,105	\$26.35	\$21,106			729	\$25.30	\$18,444									
Distribution Facilities Charge (kW)																		
Standard Voltage Small Load							1,533	\$4.86	\$7,450									
Standard Voltage Medium Load							10,109	\$5.67	\$57,318									
Standard Voltage Large Load							7,378	\$6.04	\$44,563									
Standard Voltage Very Large Load							195,428	\$5.71	\$1,115,894									
Standard Voltage Extra Large Load							65,292	\$3.27	\$213,505									
High Voltage Over 10 MW	7,020,932	\$14,577,066	\$2.08	\$14,603,539			6,856,452	\$1.33	\$9,119,081									
High Voltage Other	669,590	\$3,400,969	\$5.08	\$3,401,517			554,330	\$2.88	\$1,596,470									
Rider ACT Credit	1,400,726						1,400,726	(\$0.20533)	(\$287,611)									
Nonresidential High Voltage Delivery Class TOTAL					\$18,399,124					\$17,662,820			\$12,250,792	69.4%	4,718,528,433	\$0.0026	\$0.0019	36.8%

Notes:

- (1) Minor rounding exists.
- (2) Distribution Facilities Charges for load served at high voltage are moved only 25% to embedded cost.
- (3) Distribution Facilities Charges required adjustment, as applicable, to allow for recovery of Rider ACT credit.

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Lighting ECOS-Based Revenue \$30,079,749 (ER)

Total Lighting Revenue Requirement \$28,876,005 (RR)

LIGHTING DELIVERY CLASSES	2006 Test Year Billing Units (A)	Allocation (%)	ECOS-BASED REVENUE (WITH UNCOLLECTIBLES ANALYSIS)				EPEC Revenue (F) =(E) * (RR) / (ER)	ILLUSTRATIVE RATES		Total Revenue (J) =(H) by class	as a % of EPEC (K) =(J) / (F)	Annual kWh (L)	Overall \$/kWh (M) =(J) / (L)	Prior To 9/16/08 Overall \$/kWh (N)	Increase % (P) =((M) / (N)) - 1
			Embedded Cost (B) or (B) = (%) * (FC)	Unit Cost (C) = (B) / (A)	Embedded Revenue (D) = (A) * (C)	Total Embedded Revenue (E) = (D) by class		Unit Charges (1) (G) = (C) * (RR) / (ER)	Revenue (H) = (A) * (G)						
<u>Fixtures</u>															
Fixture-Included Lighting Delivery Class															
Fixture-Included Lighting Costs (2)			\$21,652,236 (FC)												
Public Street Lighting															
MV 100 Watts	242,791	6.71%	\$1,452,865	\$5.98	\$1,451,890		\$5.74	\$1,393,620							
MV 175 Watts	614,320	17.10%	\$3,702,532	\$6.03	\$3,704,350		\$5.79	\$3,556,913							
MV 250 Watts	100,052	2.91%	\$630,080	\$6.30	\$630,328		\$6.05	\$605,315							
MV 400 Watts	111,662	3.42%	\$740,506	\$6.63	\$740,319		\$6.36	\$710,170							
HPS 70 Watts	17,151	0.50%	\$108,261	\$6.31	\$108,223		\$6.06	\$103,935							
HPS 100 Watts	221,809	6.49%	\$1,405,230	\$6.34	\$1,406,269		\$6.09	\$1,350,817							
HPS 150 Watts	236,674	7.04%	\$1,524,317	\$6.44	\$1,524,181		\$6.18	\$1,462,645							
HPS 250 Watts	159,391	5.11%	\$1,106,429	\$6.94	\$1,106,174		\$6.66	\$1,061,544							
HPS 400 Watts	30,624	1.00%	\$216,522	\$7.07	\$216,512		\$6.79	\$207,937							
HPS 1,000 Watts	1,704	0.08%	\$17,322	\$10.17	\$17,330		\$9.76	\$16,631							
Equipment															
Bracket =< 8 feet	902,990	15.80%	\$3,421,053	\$3.79	\$3,422,332		\$3.64	\$3,286,884							
Bracket > 8 feet	636,815	18.42%	\$3,988,342	\$6.26	\$3,986,462		\$6.01	\$3,827,258							
Luminaire Post Top (Early American/Contemporary)	58,745	0.44%	\$95,270	\$1.62	\$95,167		\$1.56	\$91,642							
Luminaire Acorn	7,838	0.15%	\$32,478	\$4.14	\$32,449		\$3.97	\$31,117							
Private Outdoor Lighting															
MV 175 Watts	129,234	4.96%	\$1,073,951	\$8.31	\$1,073,935		\$7.98	\$1,031,287							
MV 400 Watts	48,818	2.04%	\$441,706	\$9.05	\$441,803		\$8.69	\$424,228							
HPS Flood 100 Watts	27,774	1.25%	\$270,653	\$9.74	\$270,519		\$9.35	\$259,687							
HPS Flood 250 Watts	129,685	5.84%	\$1,264,491	\$9.75	\$1,264,429		\$9.36	\$1,213,852							
HPS Conventional 100 Watts	5,904	0.24%	\$51,965	\$8.80	\$51,955		\$8.45	\$49,889							
HPS Conventional 150 Watts	12,481	0.50%	\$108,261	\$8.67	\$108,210		\$8.32	\$103,842							
Total	131,147,229 kWh				\$21,652,837		\$20,786,325		\$20,789,213	100.0%	131,147,229	\$0.1585	\$0.1530	3.6%	
<u>kWh</u>															
Dusk to Dawn Lighting Delivery Class															
Customer Costs			\$600,011												
Standard Metering Service Charge	514,761,019		\$48,891	\$0.00009	\$46,328		\$0.00009	\$46,328							
Distribution Facilities Charge - Dusk to Dawn (kWh) (3)	514,761,019		\$7,012,708	\$0.01479	\$7,613,315		\$0.01419	\$7,304,459							
Total					\$7,659,643		\$7,353,116		\$7,350,787	100.0%	514,761,019	\$0.0143	\$0.0124	15.3%	
General Lighting Delivery Class															
Customer Costs			\$144,637												
Standard Metering Service Charge	68,201,677		\$7,031	\$0.00010	\$6,820		\$0.00010	\$6,820							
Distribution Facilities Charge - All Other Ltg (kWh) (3)	68,201,677		\$615,616	\$0.01115	\$760,449		\$0.01070	\$729,758							
Total					\$767,269		\$736,564		\$736,578	100.0%	68,201,677	\$0.0108	\$0.0097	11.3%	
Lighting TOTAL	714,109,925				\$30,079,749		\$28,876,005		\$28,876,578	100.0%	714,109,925	\$0.0404	\$0.0380	6.3%	
COMPANY TOTAL	91,061,817,219				\$2,042,815,247				\$1,961,065,000		91,061,817,219	\$0.0215	\$0.0186	15.9%	
COMPANY 2006 TEST YEAR REVENUE REQUIREMENT									\$1,961,065,000						
									\$0 difference						
									OK						

Note:

- (1) Minor rounding exists.
- (2) For the purposes of rate design, all costs are included in the fixture charges for the Fixture-Included Lighting Delivery Class.
- (3) For the purposes of rate design, customer costs are included in the distribution facilities charges for the Dusk to Dawn Lighting and the General Lighting Delivery Classes.