

RATE DESIGN FOR RATE RDS - RETAIL DELIVERY SERVICE
MITIGATED RATE DESIGN WITH PRIMARY/SECONDARY, SERVICES, AND UNCOLLECTIBLES ANALYSES RESULTS
2006 TEST YEAR

Residential ECOSS-Based Revenue \$1,140,951,152 (ER)

Total Residential Revenue Requirement \$1,095,105,992 (RR)

RESIDENTIAL DELIVERY CLASSES	2006 Test Year Billing Units (A)	ECOSS-BASED REVENUE				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)		
Single Family Without Electric Space Heat														
Customer Charge	26,697,419	\$219,448,551	\$8.22	\$219,452,784			\$7.74	\$206,638,023						
Standard Metering Service Charge	26,697,419	\$60,331,070	\$2.26	\$60,336,167			\$2.24	\$59,802,219						
Distribution Facilities Charge (kWh)	21,387,196,569	\$563,837,720	\$0.02636	\$563,766,502			\$0.02540	\$543,234,793						
Total					\$843,555,453	\$809,660,106			\$809,675,035	100.0%	21,387,196,569	\$0.0379	\$0.0307	23.5%
Multi Family Without Electric Space Heat														
Customer Charge	11,790,625	\$73,797,474	\$6.26	\$73,809,313			\$6.33	\$74,634,656						
Standard Metering Service Charge	11,790,625	\$29,203,967	\$2.48	\$29,240,750			\$2.24	\$26,411,000						
Distribution Facilities Charge (kWh)	4,318,599,079	\$116,529,810	\$0.02698	\$116,515,803			\$0.02540	\$109,692,417						
Total					\$219,565,866	\$210,743,374			\$210,738,073	100.0%	4,318,599,079	\$0.0488	\$0.0389	25.5%
Single Family With Electric Space Heat														
Customer Charge	421,054	\$3,488,227	\$8.28	\$3,486,327			\$7.74	\$3,258,958						
Standard Metering Service Charge	421,054	\$951,523	\$2.26	\$951,582			\$2.24	\$943,161						
Distribution Facilities Charge (kWh)	846,860,628	\$17,878,372	\$0.02111	\$17,877,228			\$0.02116	\$17,919,571						
Total					\$22,315,137	\$21,418,481			\$22,121,690	103.3%	846,860,628	\$0.0261	\$0.0216	20.8%
Multi Family With Electric Space Heat														
Customer Charge	1,851,477	\$11,579,924	\$6.25	\$11,571,731			\$6.33	\$11,719,849						
Standard Metering Service Charge	1,851,477	\$4,585,945	\$2.48	\$4,591,663			\$2.24	\$4,147,308						
Distribution Facilities Charge (kWh)	1,734,301,528	\$39,344,655	\$0.02269	\$39,351,302			\$0.02116	\$36,697,820						
Total					\$55,514,696	\$53,284,031			\$52,564,977	98.7%	1,734,301,528	\$0.0303	\$0.0247	22.7%
Residential TOTAL					\$1,140,951,152	\$1,095,105,992			\$1,095,099,775	100.0%	28,286,957,804	\$0.0387	\$0.0313	23.6%
Annual Bills	40,760,575													
Annual kWhs	28,286,957,804													

Notes:
(1) Minor rounding exists.

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MITIGATED RATE DESIGN WITH PRIMARY/SECONDARY, SERVICES, AND UNCOLLECTIBLES ANALYSES RESULTS

2006 TEST YEAR Nonresidential ECOSS-Based Revenue Excluding High Voltage Delivery Class \$853,293,223 (ER)

Nonresidential Revenue Requirement

Excluding High Voltage Delivery Class \$819,006,598 (RR)

NONRESIDENTIAL DELIVERY CLASSES EXCLUDING HIGH VOLTAGE DELIVERY CLAS	2006 Test Year Billing Units (A)	ECOSS-BASED REVENUE				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)	103.45%			Total Revenue (J) = (H) by class	as a % of EPEC (K) = (J) / (F)	Annual kWh (L)			Overall \$/kWh (M) = (J) / (L)
							Charges (1) (2) (3) (G) = (C) * (RR) / (ER)	Revenue (H) = (A) * (G)	Revenue (I) = (A) * (G)						
Watt-Hour Delivery Class															
Customer Charge	1,174,063	\$8,864,829	\$7.55	\$8,864,176		\$7.56	\$8,875,916								
Standard Metering Service Charge	1,174,063	\$2,211,526	\$1.88	\$2,207,238		\$1.80	\$2,113,313								
Distribution Facilities Charge (kWh)	539,524,870	\$10,828,120	\$0.02007	\$10,828,264		\$0.01993	\$10,752,731								
Total				\$21,899,678		\$21,019,715		\$21,741,960	103.4%	539,524,870	\$0.0403	\$0.0373	8.0%		
Small Load Delivery Class															
Customer Charge	2,697,083	\$22,009,602	\$8.16	\$22,008,197		\$8.38	\$22,601,556								
Standard Metering Service Charge	2,697,083	\$18,910,763	\$7.01	\$18,906,552		\$6.73	\$18,151,369								
Distribution Facilities Charge (kW)	38,963,580	\$197,680,444	\$5.07	\$197,545,351		\$5.03	\$195,986,807								
Rider ACT	35,144					(\$0.20533)	(\$7,216)								
Total				\$238,460,100		\$228,878,409		\$236,732,516	103.4%	11,486,376,300	\$0.0206	\$0.0179	15.1%		
Medium Load Delivery Class															
Customer Charge	213,239	\$2,693,559	\$12.63	\$2,693,209		\$14.35	\$3,059,980								
Standard Metering Service Charge	213,239	\$2,149,073	\$10.08	\$2,149,449		\$9.67	\$2,062,021								
Distribution Facilities Charge (kW)	30,408,673	\$162,907,635	\$5.36	\$162,990,487		\$5.31	\$161,470,054								
Rider ACT	80,983					(\$0.20533)	(\$16,628)								
Total				\$167,833,145		\$161,089,353		\$166,575,427	103.4%	10,887,369,174	\$0.0153	\$0.0144	6.3%		
Large Load Delivery Class															
Customer Charge	51,580	\$4,757,838	\$92.24	\$4,757,739		\$92.88	\$4,790,750								
Standard Metering Service Charge	51,580	\$823,597	\$15.97	\$823,733		\$15.33	\$790,721								
Distribution Facilities Charge (kW)	23,898,892	\$133,422,762	\$5.58	\$133,355,817		\$5.54	\$132,399,862								
Rider ACT	160,613					(\$0.20533)	(\$32,979)								
Total				\$138,937,289		\$133,354,577		\$137,948,354	103.4%	10,249,079,093	\$0.0135	\$0.0130	3.9%		
Very Large Load Delivery Class															
Customer Charge	22,759	\$11,471,004	\$504.02	\$11,470,991		\$524.08	\$11,927,537								
Standard Metering Service Charge	22,759	\$464,691	\$20.42	\$464,739		\$19.60	\$446,076								
Distribution Facilities Charge (kW)	41,314,110	\$218,515,935	\$5.29	\$218,551,642		\$5.25	\$216,899,078								
Rider ACT	2,092,367					(\$0.20533)	(\$429,626)								
Total				\$230,487,372		\$221,226,037		\$228,843,065	103.4%	19,466,948,637	\$0.0118	\$0.0116	1.7%		
Extra Large Load Delivery Class															
Customer Charge	639	\$518,564	\$811.52	\$518,561		\$779.93	\$498,375								
Standard Metering Service Charge	639	\$34,344	\$53.75	\$34,346		\$51.59	\$32,966								
Distribution Facilities Charge (kW)	8,650,679	\$47,279,261	\$5.47	\$47,319,214		\$3.16	\$27,336,146								
Rider ACT	506,532					(\$0.20533)	(\$104,006)								
Total				\$47,872,121		\$45,948,546		\$27,763,481	60.4%	4,200,693,052	\$0.0066	\$0.0052	26.9%		
Railroad Delivery Class															
Customer Charge	24	\$108,111	\$4,504.63	\$108,111		\$4,324.71	\$103,793								
Standard Metering Service Charge	24	\$1,510	\$62.92	\$1,510		\$60.39	\$1,449								
Distribution Facilities Charge (kW)	1,535,708	\$7,687,015	\$5.01	\$7,693,897		\$3.05	\$4,683,909								
Total				\$7,803,518		\$7,489,961		\$4,789,151	63.9%	512,229,931	\$0.0093	\$0.0076	22.4%		
Nonresidential TOTAL Excluding High Voltage Delivery Class				\$853,293,223		\$819,006,598		\$824,393,954	100.7%	57,342,221,057	\$0.0144	\$0.0134	7.5%		

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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 2006 TEST YEAR**

High Voltage Delivery Class ECOSS-BASED Revenue \$18,171,667 (ER)

High Voltage Delivery Class Revenue Requirement \$17,441,502 (RR)

NONRESIDENTIAL HIGH VOLTAGE DELIVERY CLASS	ECOSS-BASED REVENUE					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	2006 Test Year Billing Units	Unit Charges (1) (2) (3)	Revenue	Total Revenue	as a % of EPEC	Annual kWh	Overall \$/kWh			
	(A)	(B)	(C)	(D)	(E)	(F)	(A*)	(G)	(H)	(J)	(K)	(L)	(M)	(N)		
			= (B) / (A)	= (A) * (C)	= (D) by class	= (E) * (RR) / (ER)		= (C) * (RR) / (ER)	= (A*) * (G)	= (H) by class	= (J) / (F)		= (J) / (L)		= ((M) / (N)) - 1	
Customer Charge																
Small Load								\$8.38	\$0							
Medium Load								\$14.35	\$0							
Large Load								\$92.88	\$0							
Very Large Load							72	\$524.08	\$37,734							
Extra Large Load								\$779.93	\$0							
High Voltage	801	\$372,971	\$465.63	\$372,970			729	\$446.92	\$325,805							
Standard Metering Service Charge																
Small Load								\$6.73	\$0							
Medium Load								\$9.67	\$0							
Large Load								\$15.33	\$0							
Very Large Load							72	\$19.60	\$1,411							
Extra Large Load								\$51.59	\$0							
High Voltage	801	\$21,105	\$26.35	\$21,106			729	\$25.29	\$18,436							
Distribution Facilities Charge (kW)																
Standard Voltage Small Load							1,533	\$5.03	\$7,711							
Standard Voltage Medium Load							10,109	\$5.31	\$53,679							
Standard Voltage Large Load							7,378	\$5.54	\$40,874							
Standard Voltage Very Large Load							195,428	\$5.25	\$1,025,997							
Standard Voltage Extra Large Load							65,292	\$3.16	\$206,323							
High Voltage Over 10 MW	7,020,932	\$14,488,489	\$2.06	\$14,463,120			6,856,452	\$1.32	\$9,050,517							
High Voltage Other	669,590	\$3,313,000	\$4.95	\$3,314,471			554,330	\$2.84	\$1,574,297							
Rider ACT Credit	1,400,726						1,400,726	(\$0.20533)	(\$287,611)							
Nonresidential High Voltage Delivery Class TOTAL					\$18,171,667					\$12,055,173	69.1%	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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MITIGATED RATE DESIGN WITH PRIMARY/SECONDARY, SERVICES, AND UNCOLLECTIBLES ANALYSES RESULTS
2006 TEST YEAR

Lighting ECOSS-Based Revenue \$30,746,343 (ER)

Total Lighting Revenue Requirement \$29,510,908 (RR)

LIGHTING DELIVERY CLASSES	2006 Test Year Billing Units (A)	Allocation (%)	ECOSS-BASED REVENUE				EPEC Revenue (F) =(E) * (RR) / (ER)	ILLUSTRATIVE RATES						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)	Total Revenue (J) = (H) by class	as a % of EPEC (K) = (J) / (F)	Annual kWh (L)	Overall \$/kWh (M) = (J) / (L)		
<u>Fixtures</u>															
Fixture-Included Lighting Delivery Class															
Fixture-Included Lighting Costs (2)			\$21,783,493 (FC)												
Public Street Lighting															
MV 100 Watts	242,791	6.71%	\$1,461,672	\$6.02	\$1,461,602		\$5.78	\$1,403,332							
MV 175 Watts	614,320	17.10%	\$3,724,977	\$6.06	\$3,722,779		\$5.82	\$3,575,342							
MV 250 Watts	100,052	2.91%	\$633,900	\$6.34	\$634,330		\$6.09	\$609,317							
MV 400 Watts	111,662	3.42%	\$744,995	\$6.67	\$744,786		\$6.40	\$714,637							
HPS 70 Watts	17,151	0.50%	\$108,917	\$6.35	\$108,909		\$6.09	\$104,450							
HPS 100 Watts	221,809	6.49%	\$1,413,749	\$6.37	\$1,412,923		\$6.11	\$1,355,253							
HPS 150 Watts	236,674	7.04%	\$1,533,558	\$6.48	\$1,533,648		\$6.22	\$1,472,112							
HPS 250 Watts	159,391	5.11%	\$1,113,136	\$6.98	\$1,112,549		\$6.70	\$1,067,920							
HPS 400 Watts	30,624	1.00%	\$217,835	\$7.11	\$217,737		\$6.82	\$208,856							
HPS 1,000 Watts	1,704	0.08%	\$17,427	\$10.23	\$17,432		\$9.82	\$16,733							
Equipment															
Bracket =< 8 feet	902,990	15.80%	\$3,441,792	\$3.81	\$3,440,392		\$3.66	\$3,304,943							
Bracket > 8 feet	636,815	18.42%	\$4,012,519	\$6.30	\$4,011,935		\$6.05	\$3,852,731							
Luminaire Post Top (Early American/Contemporary)	58,745	0.44%	\$95,847	\$1.63	\$95,754		\$1.56	\$91,642							
Luminaire Acorn	7,838	0.15%	\$32,675	\$4.17	\$32,684		\$4.00	\$31,352							
Private Outdoor Lighting															
MV 175 Watts	129,234	4.96%	\$1,080,461	\$8.36	\$1,080,396		\$8.02	\$1,036,457							
MV 400 Watts	48,818	2.04%	\$444,383	\$9.10	\$444,244		\$8.73	\$426,181							
HPS Flood 100 Watts	27,774	1.25%	\$272,294	\$9.80	\$272,185		\$9.41	\$261,353							
HPS Flood 250 Watts	129,685	5.84%	\$1,272,156	\$9.81	\$1,272,210		\$9.42	\$1,221,633							
HPS Conventional 100 Watts	5,904	0.24%	\$52,280	\$8.86	\$52,309		\$8.50	\$50,184							
HPS Conventional 150 Watts	12,481	0.50%	\$108,917	\$8.73	\$108,959		\$8.38	\$104,591							
Total	131,147,229 kWh				\$21,777,763		\$20,902,699		\$20,909,019	100.0%	131,147,229	\$0.1594	\$0.1530	4.2%	
<u>kWh</u>															
Dusk to Dawn Lighting Delivery Class															
Customer Costs			\$599,991												
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		\$7,524,651	\$0.01578	\$8,122,929		\$0.01514	\$7,793,482							
Total					\$8,169,257		\$7,841,004		\$7,839,810	100.0%	514,761,019	\$0.0152	\$0.0124	22.6%	
General Lighting Delivery Class															
Customer Costs			\$144,632												
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		\$647,744	\$0.01162	\$792,503		\$0.01115	\$760,449							
Total					\$799,323		\$767,205		\$767,269	100.0%	68,201,677	\$0.0113	\$0.0097	16.5%	
Lighting TOTAL	714,109,925				\$30,746,343		\$29,510,908		\$29,516,098	100.0%	714,109,925	\$0.0413	\$0.0380	8.7%	
COMPANY TOTAL	91,061,817,219				\$2,043,162,385				\$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.