

**RATE DESIGN FOR RATE RDS - RETAIL DELIVERY SERVICE  
 EQUAL PERCENTAGE OF EMBEDDED COST RATE DESIGN WITH PRIMARY/SECONDARY ANALYSIS RESULTS ONLY**

**2006 TEST YEAR**

Residential ECOSS-Based Revenue \$1,142,031,091 (ER)

Total Residential Revenue Requirement \$1,096,036,018 (RR)

RESIDENTIAL DELIVERY CLASSES	2006 Test Year Billing Units (A)	ECOSS-BASED REVENUE			EPEC		ILLUSTRATIVE EPEC RATES					
		Embedded Cost (B)	Unit Cost (C)	Embedded Revenue (D)	Total Embedded Revenue (E)	EPEC Revenue (F)	Unit Charges (1) (G)	Revenue (H)	Total Revenue (J)	as a % of EPEC (K)	Annual kWh (L)	Overall \$/kWh (M)
			= (B) / (A)	= (A) * (C)	= (D) by class	= (E) * (RR) / (ER)	= (C) * (RR) / (ER)	= (A) * (G)	= (H) by class	= (J) / (F)		= (J) / (L)
Single Family Without Electric Space Heat												
Customer Charge	26,697,419	\$219,767,007	\$8.23	\$219,719,758			\$7.65	\$204,235,255				
Standard Metering Service Charge	26,697,419	\$60,331,073	\$2.26	\$60,336,167			\$2.24	\$59,802,219				
Distribution Facilities Charge (kWh)	21,387,196,569	\$560,915,369	\$0.02623	\$560,986,166			\$0.02541	\$543,448,665				
Total					\$841,042,091	\$807,169,290			\$807,486,139	100.0%	21,387,196,569	\$0.0378
Multi Family Without Electric Space Heat												
Customer Charge	11,790,625	\$74,594,628	\$6.33	\$74,634,656			\$6.56	\$77,346,500				
Standard Metering Service Charge	11,790,625	\$29,203,968	\$2.48	\$29,240,750			\$2.24	\$26,411,000				
Distribution Facilities Charge (kWh)	4,318,599,079	\$118,579,888	\$0.02746	\$118,588,731			\$0.02541	\$109,735,603				
Total					\$222,464,137	\$213,504,439			\$213,493,103	100.0%	4,318,599,079	\$0.0494
Single Family With Electric Space Heat												
Customer Charge	421,054	\$3,493,668	\$8.30	\$3,494,748			\$7.65	\$3,221,063				
Standard Metering Service Charge	421,054	\$951,523	\$2.26	\$951,582			\$2.24	\$943,161				
Distribution Facilities Charge (kWh)	846,860,628	\$17,788,521	\$0.02101	\$17,792,542			\$0.02115	\$17,911,102				
Total					\$22,238,872	\$21,343,206			\$22,075,326	103.4%	846,860,628	\$0.0261
Multi Family With Electric Space Heat												
Customer Charge	1,851,477	\$11,693,486	\$6.32	\$11,701,335			\$6.56	\$12,145,689				
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	\$39,998,012	\$0.02306	\$39,992,993			\$0.02115	\$36,680,477				
Total					\$56,285,991	\$54,019,084			\$52,973,474	98.1%	1,734,301,528	\$0.0305
Residential Total					\$1,142,031,091	\$1,096,036,019			\$1,096,028,042	100.0%	28,286,957,804	\$0.0387
Annual Bills	40,760,575											
Annual kWhs	28,286,957,804											

Notes:

(1) Minor rounding exists.

**RATE DESIGN FOR RATE RDS - RETAIL DELIVERY SERVICE**  
**EQUAL PERCENTAGE OF EMBEDDED COST RATE DESIGN WITH PRIMARY/SECONDARY ANALYSIS RESULTS ONLY**  
**2006 TEST YEAR**

Nonresidential ECOSS-Based Revenue \$870,790,930 (ER)

Total Nonresidential Revenue Requirement \$835,720,000 (RR)

NONRESIDENTIAL DELIVERY CLASSES	ECOSS-BASED REVENUE					EPEC		ILLUSTRATIVE EPEC RATES				
	2006 Test Year Billing Units	Embedded Cost	Unit Cost	Embedded Revenue	Total Embedded Revenue	EPEC Revenue	Unit Charges (1) (2)	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)
<b>Watt-Hour Delivery Class</b>												
Customer Charge	1,174,063	\$8,583,407	\$7.31	\$8,582,401			\$7.02	\$8,241,922				
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	\$10,828,074	\$0.02007	\$10,828,264			\$0.01927	\$10,396,644				
<b>Total</b>					\$21,617,903		\$20,747,246		\$20,751,879	100.0%	539,524,870	\$0.0385
<b>Small Load Delivery Class</b>												
Customer Charge	2,697,083	\$21,807,281	\$8.09	\$21,819,401			\$7.72	\$20,821,481				
Standard Metering Service Charge	2,697,083	\$18,910,764	\$7.01	\$18,906,552			\$6.73	\$18,151,369				
Distribution Facilities Charge (kW)	38,963,580	\$197,680,518	\$5.07	\$197,545,351			\$4.87	\$189,752,635				
Rider ACT	35,144						(\$0.20533)	(\$7,216)				
<b>Total</b>					\$238,271,304		\$228,674,975		\$228,718,269	100.0%	11,486,376,300	\$0.0199
<b>Medium Load Delivery Class</b>												
Customer Charge	213,239	\$2,575,356	\$12.08	\$2,575,927			\$12.22	\$2,605,781				
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	\$162,907,793	\$5.36	\$162,990,487			\$5.14	\$156,300,579				
Rider ACT	80,983						(\$0.20533)	(\$16,628)				
<b>Total</b>					\$167,715,863		\$160,961,140		\$160,951,753	100.0%	10,887,369,174	\$0.0148
<b>Large Load Delivery Class</b>												
Customer Charge	51,580	\$4,719,307	\$91.49	\$4,719,054			\$87.11	\$4,493,134				
Standard Metering Service Charge	51,580	\$823,597	\$15.97	\$823,733			\$15.33	\$790,721				
Distribution Facilities Charge (kW)	23,898,892	\$133,422,834	\$5.58	\$133,355,817			\$5.36	\$128,098,061				
Rider ACT	160,613						(\$0.20533)	(\$32,979)				
<b>Total</b>					\$138,898,604		\$133,304,491		\$133,348,937	100.0%	10,249,079,093	\$0.0130
<b>Very Large Load Delivery Class</b>												
Customer Charge	22,759	\$11,439,522	\$502.64	\$11,439,584			\$492.40	\$11,206,532				
Standard Metering Service Charge	22,759	\$464,691	\$20.42	\$464,739			\$19.60	\$446,076				
Distribution Facilities Charge (kW)	41,314,110	\$218,515,989	\$5.29	\$218,551,642			\$5.08	\$209,875,679				
Rider ACT	2,092,367						(\$0.20533)	(\$429,626)				
<b>Total</b>					\$230,455,965		\$221,174,397		\$221,098,661	100.0%	19,466,948,637	\$0.0114
<b>Extra Large Load Delivery Class</b>												
Customer Charge	639	\$513,124	\$803.01	\$513,123			\$778.73	\$497,608				
Standard Metering Service Charge	639	\$34,344	\$53.75	\$34,346			\$51.59	\$32,966				
Distribution Facilities Charge (kW)	8,650,679	\$47,279,271	\$5.47	\$47,319,214			\$5.26	\$45,502,572				
Rider ACT	506,532						(\$0.20533)	(\$104,006)				
<b>Total</b>					\$47,866,683		\$45,938,862		\$45,929,140	100.0%	4,200,693,052	\$0.0109
<b>High Voltage Delivery Class: Customers Over 10 MW</b>												
Customer Charge	310	\$149,267	\$481.51	\$149,268			\$536.98	\$166,464				
Standard Metering Service Charge	310	\$10,714	\$34.56	\$10,714			\$25.29	\$7,840				
Distribution Facilities Charge (kW)	7,020,932	\$14,488,507	\$2.06	\$14,463,120			\$2.01	\$14,112,073				
Rider ACT	1,242,431						(\$0.20533)	(\$255,108)				
<b>Total</b>					\$14,623,102		\$14,034,160		\$14,031,269	100.0%	4,334,109,594	\$0.0032
<b>High Voltage Delivery Class: Other Customers</b>												
Customer Charge	491	\$213,776	\$435.39	\$213,776			\$536.98	\$263,657				
Standard Metering Service Charge	491	\$10,391	\$21.16	\$10,390			\$25.29	\$12,417				
Distribution Facilities Charge (kW)	669,590	\$3,313,007	\$4.95	\$3,314,471			\$4.71	\$3,153,769				
Rider ACT	158,295						(\$0.20533)	(\$32,503)				
<b>Total</b>					\$3,538,637		\$3,396,119		\$3,397,340	100.0%	384,418,839	\$0.0088
<b>Railroad Delivery Class</b>												
Customer Charge	24	\$107,462	\$4,477.58	\$107,462			\$4,297.50	\$103,140				
Standard Metering Service Charge	24	\$1,510	\$62.92	\$1,510			\$60.39	\$1,449				
Distribution Facilities Charge (kW)	1,535,708	\$7,687,016	\$5.01	\$7,693,897			\$4.81	\$7,386,755				
<b>Total</b>					\$7,802,869		\$7,488,610		\$7,491,344	100.0%	512,229,931	\$0.0146
<b>Nonresidential TOTAL</b>					\$870,790,930		\$835,720,000		\$835,718,592	100.0%	62,060,749,490	\$0.0135

Notes:  
(1) Minor rounding exists.  
(2) Distribution Facilities Charge required adjustment, as applicable, to allow for recovery of Rider ACT credit.

RATE DESIGN FOR RATE RDS - RETAIL DELIVERY SERVICE

EQUAL PERCENTAGE OF EMBEDDED COST RATE DESIGN WITH PRIMARY/SECONDARY ANALYSIS RESULTS ONLY

2006 TEST YEAR

Lighting ECOSS-Based Revenue \$30,538,931 (ER)

Total Lighting Revenue Requirement \$29,308,982

DELIVERY CLASSES	ECOSS-BASED REVENUE					EPEC		ILLUSTRATIVE EPEC RATES					
	2006 Test Year Billing Units	Allocation	Embedded Cost	Unit Cost	Embedded Revenue	Total Embedded Revenue	EPEC Revenue	Unit Charges (1)	Revenue	Total Revenue	as a % of EPEC	Annual kWh	Overall \$/kWh
	(A)	(%)	(B) or (B) = (%) * (FC)	(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)
<u>Fixtures</u>													
Fixture-Included Lighting Delivery Class													
Fixture-Included Lighting Costs (2)			\$21,645,493 (FC)										
Public Street Lighting													
MV 100 Watts	242,791	6.71%	\$1,452,413	\$5.98	\$1,451,890			\$5.74	\$1,393,620				
MV 175 Watts	614,320	17.10%	\$3,701,379	\$6.03	\$3,704,350			\$5.79	\$3,556,913				
MV 250 Watts	100,052	2.91%	\$629,884	\$6.30	\$630,328			\$6.05	\$605,315				
MV 400 Watts	111,662	3.42%	\$740,276	\$6.63	\$740,319			\$6.36	\$710,170				
HPS 70 Watts	17,151	0.50%	\$108,227	\$6.31	\$108,223			\$6.06	\$103,935				
HPS 100 Watts	221,809	6.49%	\$1,404,792	\$6.33	\$1,404,051			\$6.08	\$1,348,599				
HPS 150 Watts	236,674	7.04%	\$1,523,843	\$6.44	\$1,524,181			\$6.18	\$1,462,645				
HPS 250 Watts	159,391	5.11%	\$1,106,085	\$6.94	\$1,106,174			\$6.66	\$1,061,544				
HPS 400 Watts	30,624	1.00%	\$216,455	\$7.07	\$216,512			\$6.79	\$207,937				
HPS 1,000 Watts	1,704	0.08%	\$17,316	\$10.16	\$17,313			\$9.75	\$16,614				
Equipment													
Bracket =< 8 feet	902,990	15.80%	\$3,419,988	\$3.79	\$3,422,332			\$3.64	\$3,286,884				
Bracket > 8 feet	636,815	18.42%	\$3,987,100	\$6.26	\$3,986,462			\$6.01	\$3,827,258				
Luminaire Post Top (Early American/Contemporary)	58,745	0.44%	\$95,240	\$1.62	\$95,167			\$1.55	\$91,055				
Luminaire Acorn	7,838	0.15%	\$32,468	\$4.14	\$32,449			\$3.97	\$31,117				
Private Outdoor Lighting													
MV 175 Watts	129,234	4.96%	\$1,073,616	\$8.31	\$1,073,935			\$7.98	\$1,031,287				
MV 400 Watts	48,818	2.04%	\$441,568	\$9.05	\$441,803			\$8.69	\$424,228				
HPS Flood 100 Watts	27,774	1.25%	\$270,569	\$9.74	\$270,519			\$9.35	\$259,687				
HPS Flood 250 Watts	129,685	5.84%	\$1,264,097	\$9.75	\$1,264,429			\$9.36	\$1,213,852				
HPS Conventional 100 Watts	5,904	0.24%	\$51,949	\$8.80	\$51,955			\$8.45	\$49,889				
HPS Conventional 150 Watts	12,481	0.50%	\$108,227	\$8.67	\$108,210			\$8.32	\$103,842				
<b>Total</b>	<b>131,147,229 kWh</b>					<b>\$21,650,602</b>	<b>\$20,778,629</b>			<b>\$20,786,391</b>	<b>100.0%</b>	<b>131,147,229</b>	<b>\$0.1585</b>
<u>kWh</u>													
Dusk to Dawn Lighting Delivery Class													
Customer Costs			\$528,488										
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		\$7,524,726	\$0.01564	\$8,050,862			\$0.01501	\$7,726,563				
<b>Total</b>						<b>\$8,097,190</b>	<b>\$7,771,077</b>			<b>\$7,772,891</b>	<b>100.0%</b>	<b>514,761,019</b>	<b>\$0.0151</b>
General Lighting Delivery Class													
Customer Costs			\$136,756										
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		\$647,753	\$0.01150	\$784,319			\$0.01103	\$752,264				
<b>Total</b>						<b>\$791,139</b>	<b>\$759,276</b>			<b>\$759,084</b>	<b>100.0%</b>	<b>68,201,677</b>	<b>\$0.0111</b>
<b>Lighting TOTAL</b>	<b>714,109,925</b>					<b>\$30,538,931</b>	<b>\$29,308,982</b>			<b>\$29,318,366</b>	<b>100.0%</b>	<b>714,109,925</b>	<b>\$0.0411</b>
<b>COMPANY TOTAL</b>	<b>91,061,817,219</b>					<b>\$2,043,360,952</b>			<b>\$1,961,065,000</b>			<b>91,061,817,219</b>	<b>\$0.0215</b>
<b>COMPANY 2006 TEST YEAR REVENUE REQUIREMENT</b>										<b>\$1,961,065,000</b>			
										<b>\$0 difference</b>			
										<b>OK</b>			

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.