

RATE DESIGN FOR RATE RDS - RETAIL DELIVERY SERVICE
EQUAL PERCENTAGE OF EMBEDDED COST RATE DESIGN WITH IIEC PROPOSAL
2006 TEST YEAR

Nonresidential ECOS-Based Revenue \$909,244,197 (ER)

Total Nonresidential Revenue Requirement \$872,904,612 (RR)

NONRESIDENTIAL DELIVERY CLASSES	ECOS-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)
Watt-Hour Delivery Class												
Customer Charge	1,174,063	\$8,864,576	\$7.55	\$8,864,176			\$7.25	\$8,511,957				
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	\$10,295,566	\$0.01908	\$10,294,135			\$0.01833	\$9,889,491				
Total					\$21,365,549		\$20,511,636		\$20,514,761	100.0%	539,524,870	\$0.0380
Small Load Delivery Class												
Customer Charge	2,697,083	\$22,009,219	\$8.16	\$22,008,197			\$7.93	\$21,387,868				
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	\$190,129,631	\$4.88	\$190,142,270			\$4.68	\$182,349,554				
Rider ACT	35,144						(\$0.20533)	(\$7,216)				
Total					\$231,057,019		\$221,822,408		\$221,881,575	100.0%	11,486,376,300	\$0.0193
Medium Load Delivery Class												
Customer Charge	213,239	\$2,693,473	\$12.63	\$2,693,209			\$12.68	\$2,703,871				
Standard Metering Service Charge	213,239	\$2,149,073	\$10.08	\$2,149,449			\$9.68	\$2,064,154				
Distribution Facilities Charge (kW)	30,408,673	\$173,297,848	\$5.70	\$173,329,436			\$5.47	\$166,335,441				
Rider ACT	80,983						(\$0.20533)	(\$16,628)				
Total					\$178,172,094		\$171,051,125		\$171,086,838	100.0%	10,887,369,174	\$0.0157
Large Load Delivery Class												
Customer Charge	51,580	\$4,757,571	\$92.24	\$4,757,739			\$88.55	\$4,567,409				
Standard Metering Service Charge	51,580	\$823,597	\$15.97	\$823,733			\$15.33	\$790,721				
Distribution Facilities Charge (kW)	23,898,892	\$145,135,879	\$6.07	\$145,066,274			\$5.83	\$139,330,540				
Rider ACT	160,613						(\$0.20533)	(\$32,979)				
Total					\$150,647,746		\$144,626,837		\$144,655,691	100.0%	10,249,079,093	\$0.0141
Very Large Load Delivery Class												
Customer Charge	22,759	\$11,470,260	\$503.99	\$11,470,308			\$498.88	\$11,354,010				
Standard Metering Service Charge	22,759	\$464,691	\$20.42	\$464,739			\$19.60	\$446,076				
Distribution Facilities Charge (kW)	41,314,110	\$237,334,735	\$5.74	\$237,142,991			\$5.51	\$227,640,746				
Rider ACT	2,092,367						(\$0.20533)	(\$429,626)				
Total					\$249,078,038		\$239,123,185		\$239,011,206	100.0%	19,466,948,637	\$0.0123
Extra Large Load Delivery Class												
Customer Charge	639	\$518,527	\$811.47	\$518,529			\$829.04	\$529,757				
Standard Metering Service Charge	639	\$34,344	\$53.75	\$34,346			\$51.60	\$32,972				
Distribution Facilities Charge (kW)	8,650,679	\$51,387,307	\$5.94	\$51,385,033			\$5.71	\$49,395,377				
Rider ACT	506,532						(\$0.20533)	(\$104,006)				
Total					\$51,937,908		\$49,862,116		\$49,854,100	100.0%	4,200,693,052	\$0.0119
High Voltage Delivery Class: Customers Over 10 MW												
Customer Charge	310	\$154,291	\$497.71	\$154,290			\$555.97	\$172,351				
Standard Metering Service Charge	310	\$10,714	\$34.56	\$10,714			\$25.30	\$7,843				
Distribution Facilities Charge (kW)	7,020,932	\$14,578,009	\$2.08	\$14,603,539			\$2.03	\$14,252,492				
Rider ACT	1,242,431						(\$0.20533)	(\$255,108)				
Total					\$14,768,543		\$14,178,292		\$14,177,578	100.0%	4,334,109,594	\$0.0033
High Voltage Delivery Class: Other Customers												
Customer Charge	491	\$218,674	\$445.36	\$218,672			\$555.97	\$272,981				
Standard Metering Service Charge	491	\$10,391	\$21.16	\$10,390			\$25.30	\$12,422				
Distribution Facilities Charge (kW)	669,590	\$3,401,190	\$5.08	\$3,401,517			\$4.83	\$3,234,120				
Rider ACT	158,295						(\$0.20533)	(\$32,503)				
Total					\$3,630,579		\$3,485,476		\$3,487,020	100.0%	384,418,839	\$0.0091
Railroad Delivery Class												
Customer Charge	24	\$108,103	\$4,504.29	\$108,103			\$4,324.55	\$103,789				
Standard Metering Service Charge	24	\$1,510	\$62.92	\$1,510			\$60.41	\$1,450				
Distribution Facilities Charge (kW)	1,535,708	\$8,480,363	\$5.52	\$8,477,108			\$5.30	\$8,139,252				
Total					\$8,586,721		\$8,243,537		\$8,244,491	100.0%	512,229,931	\$0.0161
Nonresidential TOTAL					\$909,244,197		\$872,904,612		\$872,913,260	100.0%	62,060,749,490	\$0.0141

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 IIEC PROPOSAL
2006 TEST YEAR**

		Lighting ECOSS-Based Revenue					\$30,080,027 (ER)	Total Lighting Revenue Requirement \$28,877,824 (RR)					
		ECOSS-BASED REVENUE					EPEC	ILLUSTRATIVE EPEC RATES					
DELIVERY CLASSES	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)
Fixtures													
Fixture-Included Lighting Delivery Class			\$21,652,768 (FC)										
Fixture-Included Lighting Costs (2)													
Public Street Lighting													
MV 100 Watts	242,791	6.71%	\$1,452,901	\$5.98	\$1,451,890			\$5.74	\$1,393,620				
MV 175 Watts	614,320	17.10%	\$3,702,623	\$6.03	\$3,704,350			\$5.79	\$3,556,913				
MV 250 Watts	100,052	2.91%	\$630,096	\$6.30	\$630,328			\$6.05	\$605,315				
MV 400 Watts	111,662	3.42%	\$740,525	\$6.63	\$740,319			\$6.37	\$711,287				
HPS 70 Watts	17,151	0.50%	\$108,264	\$6.31	\$108,223			\$6.06	\$103,935				
HPS 100 Watts	221,809	6.49%	\$1,405,265	\$6.34	\$1,406,269			\$6.09	\$1,350,817				
HPS 150 Watts	236,674	7.04%	\$1,524,355	\$6.44	\$1,524,181			\$6.18	\$1,462,645				
HPS 250 Watts	159,391	5.11%	\$1,106,456	\$6.94	\$1,106,174			\$6.66	\$1,061,544				
HPS 400 Watts	30,624	1.00%	\$216,528	\$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%	\$3,421,137	\$3.79	\$3,422,332			\$3.64	\$3,286,884				
Bracket > 8 feet	636,815	18.42%	\$3,988,440	\$6.26	\$3,986,462			\$6.01	\$3,827,258				
Luminaire Post Top (Early American/Contemporary)	58,745	0.44%	\$95,272	\$1.62	\$95,167			\$1.56	\$91,642				
Luminaire Acorn	7,838	0.15%	\$32,479	\$4.14	\$32,449			\$3.97	\$31,117				
Private Outdoor Lighting													
MV 175 Watts	129,234	4.96%	\$1,073,977	\$8.31	\$1,073,935			\$7.98	\$1,031,287				
MV 400 Watts	48,818	2.04%	\$441,716	\$9.05	\$441,803			\$8.69	\$424,228				
HPS Flood 100 Watts	27,774	1.25%	\$270,660	\$9.75	\$270,797			\$9.36	\$259,965				
HPS Flood 250 Watts	129,685	5.84%	\$1,264,522	\$9.75	\$1,264,429			\$9.36	\$1,213,852				
HPS Conventional 100 Watts	5,904	0.24%	\$51,967	\$8.80	\$51,955			\$8.45	\$49,889				
HPS Conventional 150 Watts	12,481	0.50%	\$108,264	\$8.67	\$108,210			\$8.32	\$103,842				
Total	131,147,229 kWh					\$21,653,115	\$20,787,709			\$20,790,608	100.0%	131,147,229	\$0.1585
kWh													
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		\$7,014,718	\$0.01479	\$7,613,315			\$0.01419	\$7,304,459				
Total						\$7,659,643	\$7,353,511			\$7,350,787	100.0%	514,761,019	\$0.0143
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		\$615,602	\$0.01115	\$760,449			\$0.01070	\$729,758				
Total						\$767,269	\$736,604			\$736,578	100.0%	68,201,677	\$0.0108
Lighting TOTAL	714,109,925					\$30,080,027	\$28,877,824			\$28,877,973	100.0%	714,109,925	\$0.0404
COMPANY TOTAL	91,061,817,219					\$2,042,705,408				\$1,961,065,000		91,061,817,219	\$0.0215
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.