

**DRAFT - TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2015-0004

**Dry Core Transformer Charges**

Transformers	No Load Loss (W)	Load Loss (W)	Cost of Transmission and LV per kW	Cost of Energy and Wholesale Market per kWh**	Total Monthly cost of power	Cost of Distribution per kW	Total
Rates			\$ 5.0249	\$ 0.0943		\$ 4.2374	
25 KVA 1 PH, 1.2kV BIL	150	900	\$ 0.81	\$ 8.57	\$ 9.38	\$ 0.68	\$ 10.06
37.5 KVA 1 PH, 1.2kV BIL	200	1200	\$ 1.08	\$ 11.43	\$ 12.51	\$ 0.91	\$ 13.42
50 KVA 1 PH, 1.2kV BIL	250	1600	\$ 1.37	\$ 14.38	\$ 15.75	\$ 1.16	\$ 16.91
75 KVA 1 PH, 1.2kV BIL	350	1900	\$ 1.83	\$ 19.82	\$ 21.65	\$ 1.54	\$ 23.20
100 KVA 1 PH, 1.2kV BIL	400	2600	\$ 2.21	\$ 23.05	\$ 25.25	\$ 1.86	\$ 27.12
150 KVA 1 PH, 1.2kV BIL	525	3500	\$ 2.92	\$ 30.33	\$ 33.25	\$ 2.46	\$ 35.71
167 KVA 1 PH, 1.2kV BIL	650	4400	\$ 3.63	\$ 37.61	\$ 41.25	\$ 3.06	\$ 44.31
200 KVA 1 PH, 1.2kV BIL	696	4700	\$ 3.89	\$ 40.26	\$ 44.15	\$ 3.28	\$ 47.43
225 KVA 1 PH, 1.2kV BIL	748	5050	\$ 4.18	\$ 43.27	\$ 47.45	\$ 3.52	\$ 50.97
250 KVA 1 PH, 1.2kV BIL	800	5400	\$ 4.47	\$ 46.28	\$ 50.75	\$ 3.77	\$ 54.51
*15 KVA 3 PH, 1.2kV BIL	125	650	\$ 0.65	\$ 7.05	\$ 7.70	\$ 0.54	\$ 8.24
*45 KVA 3 PH, 1.2kV BIL	300	1800	\$ 1.61	\$ 17.15	\$ 18.76	\$ 1.36	\$ 20.12
*75 KVA 3 PH, 1.2kV BIL	400	2400	\$ 2.15	\$ 22.86	\$ 25.02	\$ 1.82	\$ 26.83
*112.5 KVA 3 PH, 1.2kV BIL	600	3400	\$ 3.18	\$ 34.11	\$ 37.29	\$ 2.68	\$ 39.97
*150 KVA 3 PH, 1.2kV BIL	700	4500	\$ 3.85	\$ 40.29	\$ 44.14	\$ 3.25	\$ 47.38
*225 KVA 3 PH, 1.2kV BIL	900	5300	\$ 4.82	\$ 51.35	\$ 56.17	\$ 4.06	\$ 60.23
*300 KVA 3 PH, 1.2kV BIL	1100	6300	\$ 5.84	\$ 62.60	\$ 68.44	\$ 4.93	\$ 73.37
*500 KVA 3 PH, 95kV BIL	2400	7600	\$ 11.09	\$ 130.94	\$ 142.03	\$ 9.35	\$ 151.38
*750 KVA 3 PH, 95kV BIL	3000	12000	\$ 14.53	\$ 165.97	\$ 180.50	\$ 12.26	\$ 192.76
*1000 KVA 3 PH, 95kV BIL	3400	13000	\$ 16.31	\$ 187.55	\$ 203.86	\$ 13.76	\$ 217.61
*1500 KVA 3 PH, 95kV BIL	4500	18000	\$ 21.80	\$ 248.95	\$ 270.76	\$ 18.39	\$ 289.14
*2000 KVA 3 PH, 95kV BIL	5400	21000	\$ 26.00	\$ 298.19	\$ 324.19	\$ 21.93	\$ 346.12
*2500 KVA 3 PH, 95kV BIL	6500	25000	\$ 31.22	\$ 358.68	\$ 389.90	\$ 26.33	\$ 416.23
*3000 KVA 3PH, 95kV BIL	7700	29000	\$ 36.82	\$ 424.33	\$ 461.16	\$ 31.05	\$ 492.21
*3750 KVA 3PH, 95kV BIL	9500	35000	\$ 45.22	\$ 522.81	\$ 568.03	\$ 38.13	\$ 606.17
*5000 KVA 3PH, 95kV BIL	11000	39000	\$ 51.95	\$ 603.96	\$ 655.91	\$ 43.81	\$ 699.72

No Load and load losses from CSA standard C802-94: Maximum losses for distribution, power and dry-type transformers commercial use.

Average load factor = 0.46 average loss factor = 0.2489

\*For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

\*\* Cost of Energy and Wholesale Market per kWh contains July 1, 2017 RPP Tiered Pricing, WMRS and OESP Pricing to be effective July 1,2017