

**Rider PM - Primary Metering  
Primary Metering Adjustment Determination**

**Distribution Transformer Loss Information**

Transformer Type	Capacity Rating (kVA)	HV Winding Rating (Volts)	LV Winding Rating (Volts)	Core No Load Losses (Watts)	Winding Load Losses At Full Load - I <sup>2</sup> R (Watts)	Average Annual Loading Percentage for 1 MW to 3 MW Customers	Transformer Loss at Average Loading
A		B		C		D	E = [(D <sup>2</sup> x C + B)/1000]/[A x D]
3 Ph. Compartmental	500	12470 Delta	4160Y/2400	1,229	3,887	65%	0.9%
3 Ph. Compartmental	500	12470 Delta	208Y/120	795	4,415	65%	0.8%
3 Ph. Compartmental	500	12470 Delta	480Y/277	846	3,931	65%	0.8%
3 Ph. Compartmental	500	12470 Delta	240D/120	864	3,969	65%	0.8%
3 Ph. Compartmental	500	13200 Delta	208Y/120	795	4,534	65%	0.8%
3 Ph. Compartmental	500	13200 Delta	480Y/277	846	3,832	65%	0.8%
3 Ph. Overhead	500	4160 X 12470	208Y/120	695	4,912	65%	0.9%
3 Ph. Overhead	500	4160 X 12470	480Y/277	690	4,628	65%	0.8%
3 Ph. Overhead	500	13200 Delta	208Y/120	687	4,762	65%	0.8%
3 Ph. Overhead	500	13200 Delta	480Y/277	700	4,323	65%	0.8%
3 Ph. Compartmental	500	33260GRDY/19200	208Y/120	640	5,122	65%	0.9%
3 Ph. Compartmental	500	33260GRDY/19200	480Y/277	669	4,623	65%	0.8%
3 Ph. Compartmental	500	33260GRDY/19200	240Y/139	721	4,584	65%	0.8%
3 Ph. Compartmental	750	12470 Delta	240D/120	1,034	6,594	65%	0.8%
3 Ph. Compartmental	750	12470 Delta	4160Y/2400	1,289	5,839	65%	0.8%
3 Ph. Compartmental	750	12470 Delta	208Y/120	811	7,650	65%	0.8%
3 Ph. Compartmental	750	12470 Delta	480Y/277	976	6,681	65%	0.8%
3 Ph. Compartmental	750	12470 Delta	208Y/120	811	7,650	65%	0.8%
3 Ph. Compartmental	750	12470 Delta	480Y/277	976	6,681	65%	0.8%
3 Ph. Compartmental	750	12470 Delta	4160Y/2400	1,289	5,839	65%	0.8%
3 Ph. Compartmental	750	33260GRDY/19200	208Y/120	841	7,791	65%	0.8%
3 Ph. Compartmental	750	33260GRDY/19200	480Y/277	973	6,605	65%	0.8%
3 Ph. Compartmental	750	13200GRDY/7620	480Y/277	808	6,440	65%	0.7%
3 Ph. Compartmental	1000	12470 Delta	480Y/277	1,133	8,433	65%	0.7%
3 Ph. Compartmental	1000	12470 Delta	480Y/277	1,133	8,433	65%	0.7%
3 Ph. Compartmental	1000	33260GRDY/19200	480Y/277	1,045	8,328	65%	0.7%
3 Ph. Compartmental	1000	33260GRDY/19200	4160Y/2400	1,620	8,020	65%	0.8%
3 Ph. Compartmental	1500	12470 Delta	480Y/277	1,655	12,005	65%	0.7%
3 Ph. Compartmental	1500	33260GRDY/19200	480Y/277	1,368	12,095	65%	0.7%
3 Ph. Compartmental	1500	13200GRDY/7620	480Y/277	1,446	10,859	65%	0.6%
3 Ph. Compartmental	2000	12470 Delta	480Y/277	1,938	15,906	65%	0.7%
3 Ph. DRY TYPE	500	13200	480Y/277	1,000	5,200	65%	1.0%
3 Ph. DRY TYPE	500	13200	208Y/120	950	5,400	65%	1.0%
3 Ph. DRY TYPE	500	13200	480Y/277	980	5,600	65%	1.0%
3 Ph. DRY TYPE	500	13200	480Y/277	980	6,090	65%	1.1%
3 Ph. DRY TYPE	500	13200	208Y/120	970	6,200	65%	1.1%
3 Ph. DRY TYPE	750	12470	4160Y/2400	1,400	7,800	65%	1.0%
3 Ph. DRY TYPE	750	12470	480Y/277	1,500	8,100	65%	1.0%
3 Ph. DRY TYPE	750	12470	208Y/120	1,400	8,600	65%	1.0%
3 Ph. DRY TYPE	1000	12470	480Y/277	1,800	9,700	65%	0.9%
3 Ph. DRY TYPE	1500	12470	4160Y/2400	2,520	12,500	65%	0.8%
3 Ph. DRY TYPE	1500	12470	480Y/277	2,800	14,500	65%	0.9%
3 Ph. DRY TYPE	2000	12470	480Y/277	3,100	16,000	65%	0.8%
3 Ph. DRY TYPE	2500	12470	4160Y/2400	3,500	18,200	65%	0.7%
3 Ph. DRY TYPE	2500	12470	480Y/277	3,400	20,500	65%	0.7%

<b>SIMPLE AVERAGE TRANSFORMER LOSS</b>	<b>0.8%</b>
--	-------------