

Test Results for Peart Group Alternite

York EMC Project number C1735

VA/W testing

Equipment under test: PECU Series 1 5/13

Voltage		Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
210	mWatts	79.93	58.06	55.33	56.01	52.94
	mVA	321.3	357	340.2	334.4	325.5
220	mWatts	86.99	62.61	59.39	60.47	56.89
	mVA	349.8	385	365.2	371.8	349.8
230	mWatts	93.23	68.08	63.59	65.46	61.72
	mVA	374.9	418.6	391	402.5	379.5
240	mWatts	100.27	111.61	67.92	70.65	65.97
	mVA	403.3	448.8	417.6	434.4	405.6
250	mWatts	107.56	119.99	72.78	75.63	72.37
	mVA	432.5	482.5	447.5	465	445

Equipment used:

Tektronics TDS3034C oscilloscope S.No. C0224 (voltage/current phase angle)

Fluke 8808A DMM S.No. C0217 (current measurement)

Fluke 45 DMM S.No. 78655 (voltage measurement)

Tests performed 05/01/2015