



Let's continue to increase Unit 2 AVR Mvar setpoint in steps of +1 Mvar and display the results on the table below.

Total MW	U1		p.f.	Current	U2		p.f.	Current
	MW	MVARs			MW	MVARs		
56.50	39.55	31.70	0.78	4607.78	16.95	0.00	1.00	1541.01
56.50	39.55	30.70	0.79	4551.48	16.95	1.00	1.00	1543.69
56.50	39.55	29.70	0.80	4496.32	16.95	2.00	0.99	1551.70
56.50	39.55	28.70	0.81	4442.33	16.95	3.00	0.98	1564.96

Load generated 39552.53 kW  
KVAR setpoint AUTO  
p.f. = 0.81  
leading/lagging LAG  
current = 4442.33 Amps  
kVARs 28695.75 kVARs  
Apparent power 48865.6181 kVA

Load generated 16951.08 kW  
KVAR setpoint 3000.00 kVAR  
p.f. = 0.98  
leading/lagging LAG  
current = 1564.96 Amps  
kVARs 3000.00 kVARs  
Apparent power 17214.51 kVA