



Again adding together the current flow in each generator we see that the minimum combined current flow occurs when Unit 2 AVR Mvar setpoint was +9.5 Mvar.

Total MW	U1 MW	MVARs	p.f.	Current	U2 MW	MVARs	p.f.	Current	Combined Current (Amps)
56.50	39.55	23.70	0.86	4191.58	16.95	8.00	0.90	1704.00	5895.58
56.50	39.55	23.60	0.86	4186.92	16.95	8.10	0.90	1707.90	5894.82
56.50	39.55	23.50	0.86	4182.27	16.95	8.20	0.90	1711.84	5894.11
56.50	39.55	23.40	0.86	4177.63	16.95	8.30	0.90	1715.82	5893.45
56.50	39.55	23.30	0.86	4173.01	16.95	8.40	0.90	1719.84	5892.85
56.50	39.55	23.20	0.86	4168.40	16.95	8.50	0.89	1723.89	5892.30
56.50	39.55	23.10	0.86	4163.81	16.95	8.60	0.89	1727.99	5891.80
56.50	39.55	23.00	0.86	4159.23	16.95	8.70	0.89	1732.12	5891.35
56.50	39.55	22.90	0.87	4154.67	16.95	8.80	0.89	1736.29	5890.96
56.50	39.55	22.80	0.87	4150.13	16.95	8.90	0.89	1740.50	5890.62
56.50	39.55	22.70	0.87	4145.59	16.95	9.00	0.88	1744.74	5890.34
56.50	39.55	22.60	0.87	4141.08	16.95	9.10	0.88	1749.02	5890.10
56.50	39.55	22.50	0.87	4136.57	16.95	9.20	0.88	1753.34	5889.92
56.50	39.55	22.40	0.87	4132.09	16.95	9.30	0.88	1757.70	5889.78
56.50	39.55	22.30	0.87	4127.62	16.95	9.40	0.87	1762.09	5889.70
56.50	39.55	22.20	0.87	4123.16	16.95	9.50	0.87	1766.51	5889.67
56.50	39.55	22.10	0.87	4118.72	16.95	9.60	0.87	1770.98	5889.69
56.50	39.55	22.00	0.87	4114.29	16.95	9.70	0.87	1775.47	5889.77
56.50	39.55	21.90	0.87	4109.88	16.95	9.80	0.87	1780.01	5889.89
56.50	39.55	21.80	0.88	4105.49	16.95	9.90	0.86	1784.57	5890.06
56.50	39.55	21.70	0.88	4101.11	16.95	10.00	0.86	1789.18	5890.28

