

Test Case	$ N $	$ E $	\$/h				Runtime	
			MP AC-P	PM AC-P	MP DC	PM DC	MP AC-P	PM AC-P
Typical Operating Conditions (TYP)								
case1354_pegase	1354	1991	1.3640e+06	1.3640e+06	1.3141e+06	1.3140e+06	4	
case1888_rte	1888	2531	n.s.	1.5654e+06	1.5111e+06	1.5111e+06	6	
case1951_rte	1951	2596	n.s.	2.3753e+06	2.3128e+06	2.3128e+06	3	
case2383wp.k	2383	2896	1.8685e+06	1.8685e+06	1.7968e+06	1.8041e+06	5	
case2736sp.k	2736	3504	1.3079e+06	1.3079e+06	1.2760e+06	1.2760e+06	4	
case2737sop.k	2737	3506	7.7763e+05	7.7763e+05	7.6401e+05	7.6401e+05	5	
case2746wop.k	2746	3514	1.2083e+06	1.2083e+06	1.1782e+06	1.1782e+06	5	
case2746wp.k	2746	3514	1.6318e+06	1.6318e+06	1.5814e+06	1.5814e+06	5	
case2848_rte	2848	3776	n.s.	1.3847e+06	1.3636e+06	1.3636e+06	8	
case2868_rte	2868	3808	n.s.	2.2599e+06	2.2053e+06	2.2053e+06	12	
case2869_pegase	2869	4582	2.6050e+06	2.6050e+06	2.5167e+06	2.5166e+06	8	
case3012wp.k	3012	3572	2.6008e+06	2.6008e+06	2.5143e+06	2.5090e+06	7	
case3120sp.k	3120	3693	2.1457e+06	2.1457e+06	2.0891e+06	2.0880e+06	7	
case3375wp.k	3375	4161	n.s.	7.4357e+06	7.3166e+06	7.3170e+06	2	
case6468_rte	6468	9000	n.s.	2.2623e+06	2.1797e+06	2.1619e+06	7	
case6470_rte	6470	9005	n.s.	2.5558e+06	2.4520e+06	2.4454e+06	32	
case6495_rte	6495	9019	n.s.	3.4777e+06	3.0085e+06	2.8481e+06	16	
case6515_rte	6515	9037	n.s.	3.1971e+06	2.9493e+06	2.8484e+06	30	
case9241_pegase	9241	16049	n.s.	6.7747e+06	6.5411e+06	6.5179e+06	68	
case13659_pegase	13659	20467	1.0781e+07	1.0781e+07	1.0587e+07	1.0565e+07	51	
Congested Operating Conditions (API)								
case1354_pegase__api	1354	1991	–	1.8041e+06	1.7479e+06	1.7485e+06	–	
case1888_rte__api	1888	2531	n.s.	2.2566e+06	2.1930e+06	2.1930e+06	9	
case1951_rte__api	1951	2596	–	2.8005e+06	n.s.	2.7027e+06	–	1
case2383wp.k__api	2383	2896	2.7913e+05	2.7913e+05	2.7913e+05	2.7913e+05	3	
case2736sp.k__api	2736	3504	6.3847e+05	6.3847e+05	6.1252e+05	5.9774e+05	5	
case2737sop.k__api	2737	3506	4.0282e+05	4.0282e+05	3.7767e+05	3.7570e+05	5	
case2746wop.k__api	2746	3514	5.1166e+05	5.1166e+05	5.1166e+05	5.1166e+05	3	
case2746wp.k__api	2746	3514	5.8183e+05	5.8183e+05	5.8183e+05	5.8183e+05	4	
case2848_rte__api	2848	3776	–	1.7169e+06	1.6822e+06	1.6822e+06	–	
case2868_rte__api	2868	3808	–	2.7159e+06	n.s.	2.6357e+06	–	
case2869_pegase__api	2869	4582	–	3.3185e+06	3.2137e+06	3.2154e+06	–	
case3012wp.k__api	3012	3572	7.2887e+05	7.2887e+05	7.2887e+05	7.2887e+05	7	
case3120sp.k__api	3120	3693	9.2026e+05	9.2026e+05	8.9103e+05	8.5997e+05	7	
case3375wp.k__api	3375	4161	n.s.	5.8861e+06	5.8117e+06	5.7641e+06	2	
case6468_rte__api	6468	9000	n.s.	2.7102e+06	2.6078e+06	2.6081e+06	45	
case6470_rte__api	6470	9005	n.s.	3.1603e+06	3.0266e+06	3.0333e+06	18	
case6495_rte__api	6495	9019	n.s.	3.6263e+06	3.4265e+06	3.4186e+06	7	
case6515_rte__api	6515	9037	n.s.	3.5904e+06	3.3662e+06	3.3777e+06	42	
case9241_pegase__api	9241	16049	–	8.2656e+06	7.9822e+06	7.9822e+06	–	
case13659_pegase__api	13659	20467	–	1.1209e+07	1.0903e+07	1.0895e+07	–	
Small Angle Difference Conditions (SAD)								
case1354_pegase__sad	1354	1991	1.3646e+06	1.3646e+06	n.s.	inf.	4	
case1888_rte__sad	1888	2531	n.s.	1.5806e+06	1.5122e+06	1.5123e+06	7	
case1951_rte__sad	1951	2596	n.s.	2.3820e+06	n.s.	inf.	3	
case2383wp.k__sad	2383	2896	1.9165e+06	1.9165e+06	n.s.	inf.	5	
case2736sp.k__sad	2736	3504	1.3294e+06	1.3294e+06	n.s.	inf.	5	
case2737sop.k__sad	2737	3506	7.9267e+05	7.9267e+05	n.s.	inf.	5	
case2746wop.k__sad	2746	3514	1.2344e+06	1.2344e+06	n.s.	inf.	5	
case2746wp.k__sad	2746	3514	1.6674e+06	1.6674e+06	n.s.	inf.	5	
case2848_rte__sad	2848	3776	n.s.	1.3879e+06	n.s.	inf.	6	
case2868_rte__sad	2868	3808	n.s.	2.2707e+06	n.s.	inf.	7	
case2869_pegase__sad	2869	4582	2.6198e+06	2.6198e+06	n.s.	inf.	9	
case3012wp.k__sad	3012	3572	2.6213e+06	2.6213e+06	n.s.	inf.	7	
case3120sp.k__sad	3120	3693	2.1755e+06	2.1755e+06	n.s.	inf.	7	
case3375wp.k__sad	3375	4161	n.s.	7.4357e+06	7.3181e+06	7.3197e+06	2	
case6468_rte__sad	6468	9000	n.s.	2.2623e+06	2.1797e+06	2.1619e+06	7	1
case6470_rte__sad	6470	9005	n.s.	2.5597e+06	2.4595e+06	2.4483e+06	22	
case6495_rte__sad	6495	9019	n.s.	3.4777e+06	3.0995e+06	2.8482e+06	12	