

Table 5.3 Generator Data

Gen.	Node No.	Rated Capacity [MVA]		Rated Output [MW]		Gen. Type	Excitation System (LAT)	Governor System (LPT)	Tap ratio of the Step-Up Transformer*1		*2 (PLM) [%]
		Daytime	Nighttime	Daytime	Nighttime				Daytime	Nighttime	
G1	3010	9,400.0	8,900.0	8,500.0	8,000.0	Thermal	1	1	1.0	1.0	10
G2	3020	5,200.0	3,000.0	4,700.0	2,700.0	Hydraulic	1	3	1.0	1.0	10
G3	3030	3,500.0	1,800.0	3,100.0	1,600.0	Thermal	1	1	1.0	1.0	5
G4	3040	4,300.0	1,100.0	3,800.0	1,000.0	Thermal	1	1	1.0	1.0	5
G5	3050	2,000.0	1,600.0	1,800.0	1,400.0	Thermal	1	1	1.0	1.0	5
G6	3060	3,800.0	1,900.0	3,400.0	1,700.0	Thermal	1	1	1.0	1.0	5
G7	3070	1,300.0	1,300.0	1,200.0	1,200.0	Thermal	1	1	1.0	1.0	-10
G8	3080	2,500.0	2,500.0	2,300.0	2,300.0	Hydraulic (Pumped)	1	3	1.0	1.0	5
G9	3090	5,300.0	2,700.0	4,800.0	2,400.0	Thermal	1	1	1.0	1.0	5
G10	3100	5,500.0	3,100.0	5,300.0	3,000.0	Thermal	1	1	1.0	1.0	5
G11	3110	5,900.0	900.0	5,300.0	800.0	Thermal	1	1	1.0	1.0	10
G12	3120	6,300.0	1,300.0	5,500.0	1,200.0	Thermal	1	1	1.0	1.0	5
G13	3130	8,400.0	2,800.0	7,500.0	2,500.0	Thermal	1	1	1.0	1.0	5
G14	3140	2,600.0	320.0	2,300.0	310.0	Hydraulic (Pumped)	1	3	1.0	1.0	5
G15	3150	6,900.0	2,200.0	6,200.0	1,900.0	Thermal	1	1	1.0	1.0	10
G16	3160	3,900.0	3,900.0	3,500.0	3,500.0	Nuclear	1	1	1.0	1.0	-5
G17	3170	4,700.0	1,100.0	4,300.0	990.0	Thermal	1	1	1.0	1.0	10
G18	3180	3,700.0	3,500.0	3,400.0	3,200.0	Thermal	1	1	1.0	1.0	5
G19	3190	2,300.0	350.0	2,000.0	330.0	Thermal	1	1	1.0	1.0	5
G20	3200	7,000.0	3,000.0	6,200.0	2,700.0	Thermal	1	1	1.0	1.0	10
G21	3210	1,500.0	2,000.0	1,300.0	1,800.0	Thermal	1	1	1.0	1.0	10
G22	3220	2,600.0	1,900.0	2,300.0	1,700.0	Thermal	1	1	1.0	1.0	10
G23	3230	10,000.0	3,000.0	8,600.0	2,800.0	Thermal	1	1	1.0	1.0	5
G24	3240	840.0	1,700.0	750.0	1,500.0	Hydraulic (Pumped)	1	3	1.0	1.0	10
G25	3250	500.0	1,000.0	450.0	890.0	Hydraulic (Pumped)	1	3	1.0	1.0	5
G26	3260	2,600.0	450.0	2,400.0	420.0	Thermal	1	1	1.0	1.0	-5
G27	3270	3,100.0	1,200.0	2,600.0	1,100.0	Thermal	1	1	1.0	1.0	5
G28	3280	6,100.0	3,000.0	5,300.0	2,600.0	Thermal	1	1	1.0	1.0	5
G29	3290	3,900.0	2,000.0	3,400.0	1,700.0	Thermal	1	1	1.0	1.0	5
G30	3300	3,200.0	3,200.0	2,800.0	2,800.0	Nuclear	1	1	1.0	1.0	-5

Notes

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- 1) Tap ratio is the value based on the low voltage side of the step-up
 - 2) PLM : Governor Spinning Reserve (in Y-method)