

Table 2.2 Generator Data

Gen. Name	Node No.	Rated Capacity [MVA]	Rated Output [MW]	Generator Type	Excitation System Model (LAT)	Governor Model (LPT)	Tap Ratio of the Step-Up Transformer *1		*2 (PLM) [%]
							Daytime	Nighttime	
G1	1	8,240	7,000	Thermal	1	1	1.12821	1.12820	5
G2	2	12,940	11,000	Nuclear	1	1	1.12821	1.12820	-10
G3	3	7,060	6,000	Hydraulic	1	4	1.07000	1.07500	5
G4	4	12,940	11,000	Thermal	1	1	1.12821	1.12820	5
G5	5	7,060	6,000	Hydraulic	1	4	1.07500	1.07500	5
G6	6	12,940	11,000	Thermal	1	1	1.12821	1.12820	5
G7	7	12,940	11,000	Nuclear	1	1	1.12821	1.12820	-10
G8	8	8,240	7,000	Thermal	1	1	1.02564	1.02564	5
G9	9	8,240	7,000	Thermal	1	1	1.02564	1.02564	5
G10	10	5,880	5,000	Thermal	1	1	1.12821	1.12821	5

Notes :

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