

Daily System Generation Summary on Friday

Friday, September 2, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,268 MW
Distillate	0 MW
Total TNB	2,268 MW
Total IPP	19,823 MW
Total Co-Gen	0 MW
Total System	24,527 MW

Generation Mix

Type	MWh	Percentage
Hydro	22,564	6.22 %
Gas	39,592	10.91 %
Total TNB	62,156	17.13 %
ST-Coal	160,532	44.25 %
ST-Gas	8,679	2.39 %
LSS	5,300	1.46 %
Gas	125,835	34.69 %
Total IPP	300,346	82.79 %
Co-Gen	684	0.19 %
Total Co-Gen	684	0.19 %
Total Generation	363,186	100.12 %
PLTG	2,084	0.57 %
HVDC	-1,658	-0.46 %
Interconnection	426	0.12 %
Net Energy	362,760	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	17,983 MW
TNB Generation	3,011 MW
IPP Generation	13,934 MW
Spinning Reserve	1,011 MW
Maximum Demand	16,955 MW
Net Energy	362,760 MWH
Load Factor	89.15 %

Fuel Cost

Total Cost:	108,117,890.46 RM
Cost per Unit	29.77 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	254
Hydro	414
Syncon	317
Thermal	349
Total	1,334

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	51
TJGS	110
Total TNB	162
CBPS	46
EMPP	209
KLPP	116
NPRI	161
PCGP	86
PGLA	112
PLPS	67
SKSP	55
SPGP	106
PKLG	81
Total IPP	1,039
Total Gas	1,200

Total Gas Required 1,200

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	15059	14214	13669	13298	13065	12779	13059	13216	13414	14936	15706	16248	16167	15860	16134	16822	16895	16682	15685	15648	16482	16241	15761	15376

Prepared By: -Select Name-

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