

Daily System Generation Summary on Friday

Friday, September 17, 2021

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,904 MW
Distillate	0 MW
Total TNB	1,904 MW
Total IPP	18,167 MW
Total Co-Gen	0 MW
Total System	23,411 MW

Generation Mix

Type	MWh	Percentage
Hydro	17,300	4.85 %
Gas	60,770	17.05 %
Total TNB	78,070	21.90 %
ST-Coal	213,734	59.97 %
ST-Gas	2,507	0.70 %
LSS	3,356	0.94 %
Gas	58,723	16.48 %
Total IPP	278,320	78.09 %
Co-Gen	1,278	0.36 %
Total Co-Gen	1,278	0.36 %
Total Generation	357,668	100.35 %
PLTG	545	0.15 %
HVDC	714	0.20 %
Interconnection	1,259	0.35 %
Net Energy	356,409	100.00 %

Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	18,132 MW
TNB Generation	3,720 MW
IPP Generation	13,206 MW
Spinning Reserve	1,153 MW
Maximum Demand	16,859 MW
Net Energy	356,409 MWH
Load Factor	88.09 %

Fuel Cost

Total Cost:	56,446,542.39 RM
Cost per Unit	15.78 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	429
Hydro	238
Syncon	226
Thermal	481
Total	1,374

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	26

Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	158
Total TNB	189
CBPS	54
NPRI	162
PGLA	106
SKSP	25
PKLG	25
Total IPP	372
Total Gas	560
Total Gas Required	560

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	14528	13720	13304	12922	12603	12273	12346	12490	13054	14607	15389	15952	16007	15691	16221	16714	16859	16542	15491	15377	16352	16109	15649	15509

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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