

Daily System Generation Summary on Tuesday

Tuesday, November 06, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,802 MW
Hydro	2,454 MW
Distillate	0 MW
Total TNB	5,256 MW
Total IPP	15,796 MW
Total Co-Gen	69 MW
Total System	21,693 MW

Generation Mix

Type	MWh	Percentage
Gas	33,973	11.25 %
Hydro	8,729	2.89 %
Total TNB	42,702	14.14 %
ST-Coal	198,530	65.75 %
Gas	59,862	19.82 %
Total IPP	258,392	85.57 %
Co-Gen	1,460	0.48 %
Total Co-Gen	1,460	0.48 %
Total Generation	302,554	100.20 %
PLTG	-133	-0.04 %
HVDC	729	0.24 %
Interconnection	596	0.20 %
Net Energy	301,958	100.00 %

Maximum Demand Record

Date: 8/15/2018	18,338 MW
Date: 8/15/2018	388,524 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	19:30:00 Hour
Total Set On Bus	15,808 MW
TNB Generation	2,198 MW
IPP Generation	11,860 MW
Spinning Reserve	1,689 MW
Maximum Demand	14,204 MW
Net Energy	301,958 MWH
Load Factor	88.58 %

Fuel Cost

Total Cost:	58,312,377.51 RM
Cost per Unit	19.85 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	758
Hydro	239
Syncon	871
Thermal	229
Total	2,097

Time Weather Temperature

Afternoon	Cloudy	32
Morning	Cloudy	24

Gas Usage

Station	(mmscfd)
GLGR	46
TJGS	198
Total TNB	244
KLPP	35
NPRI	146
PGLA	63
PLPS	36
SGB3	34
YPKA	42
Total IPP	355
Total Gas	599

Total Gas Required 599

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	13206	12741	12279	12138	11730	11668	11689	11338	11007	11492	12091	12703	12710	12722	12748	12760	12698	12613	12609	13576	14175	14026	13791	13589

Prepared By: -Select Name-

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(Ir. Shanmugam Thoppalan)
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