

Daily System Generation Summary on Saturday

Saturday, November 03, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,647 MW
Hydro	2,454 MW
Distillate	0 MW
Total TNB	5,101 MW
Total IPP	15,542 MW
Total Co-Gen	54 MW
Total System	21,269 MW

Generation Mix

Type	MWh	Percentage
Gas	32,419	9.80 %
Hydro	13,281	4.01 %
Total TNB	45,700	13.81 %
ST-Coal	208,737	63.09 %
Gas	74,223	22.43 %
Total IPP	282,960	85.53 %
Co-Gen	1,119	0.34 %
Total Co-Gen	1,119	0.34 %
Total Generation	329,779	99.68 %
PLTG	-363	-0.11 %
HVDC	-702	-0.21 %
Interconnection	-1,065	-0.32 %
Net Energy	330,844	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	16,565 MW
TNB Generation	2,281 MW
IPP Generation	12,863 MW
Spinning Reserve	1,370 MW
Maximum Demand	15,231 MW
Net Energy	330,844 MWH
Load Factor	90.51 %

Fuel Cost

Total Cost:	62,576,591.45 RM
Cost per Unit	19.77 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	613
Hydro	459
Syncon	692
Thermal	142
Total	1,906

Time	Weather	Temperature
Afternoon	Rainy	32
Morning	Rainy	27

Gas Usage

Station	(mmscfd)
CBPS	1
GLGR	29
TJGS	199
Total TNB	228
KLPP	63
MPSS	1
NPRI	148
PGLA	56
PLPS	75
SGB3	66
YPKA	37
Total IPP	446
Total Gas	674
Total Gas Required	674

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	14128	13358	13033	12815	12480	12368	12479	12343	12148	13311	14071	14641	14497	14314	14567	14592	14476	14324	14193	14804	15029	14891	14448	14050

Prepared By: -Select Name-

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(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

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