

Daily System Generation Summary on Tuesday

Tuesday, December 04, 2018

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
LSS	2,679 MW
Hydro	2,454 MW
Distillate	0 MW
Total TNB	5,133 MW
Total IPP	15,679 MW
Total Co-Gen	0 MW
Total System	21,384 MW

Generation Mix

Type	MWh	Percentage
LSS	50,937	14.27 %
Hydro	8,919	2.50 %
Total TNB	59,856	16.77 %
ST-Coal	182,625	51.16 %
LSS	114,087	31.96 %
Total IPP	296,712	83.12 %
Co-Gen	1,259	0.35 %
Total Co-Gen	1,259	0.35 %
Total Generation	357,827	100.24 %
PLTG	112	0.03 %
HVDC	727	0.20 %
Interconnection	839	0.24 %
Net Energy	356,988	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:	15:30:00 Hour
Total Set On Bus	18,399 MW
TNB Generation	3,058 MW
IPP Generation	13,921 MW
Spinning Reserve	1,370 MW
Maximum Demand	17,099 MW
Net Energy	356,988 MWH
Load Factor	86.99 %

Fuel Cost

Total Cost:	71,024,857.18 RM
Cost per Unit	20.36 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	370
Hydro	377
Syncon	692
Thermal	155
Total	1,594

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	28
GLGR	51
PAKA	49
PGPS	38
TJGS	212
Total TNB	378
CBPS	53
KLPP	98
MPSS	45
NPRI	156
PGLA	96
PLPS	98
PTEK	7
SGRI	74
SKSP	50
YPKA	76
Total IPP	755
Total Gas	1,132
Total Gas Required	1,132

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	13898	13298	12919	12574	12365	12221	12383	12599	13193	15083	16012	16600	16644	16329	16747	17088	17053	16680	15651	15934	16096	15891	15270	14717

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