

Daily System Generation Summary on Tuesday

Tuesday, October 11, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,913 MW
Hydro	1,985 MW
Distillate	0 MW
Total TNB	4,898 MW
Total IPP	14,069 MW
Total Co-Gen	70 MW
Total System	19,037 MW

Generation Mix

Type	MWh	Percentage
Gas	59,031	16.58 %
Hydro	11,683	3.28 %
Total TNB	70,714	19.86 %
ST-Coal	197,321	55.42 %
ST-Gas	8,116	2.28 %
Gas	78,218	21.97 %
Total IPP	283,655	79.67 %
Co-Gen	1,207	0.34 %
Total Co-Gen	1,207	0.34 %
Total Generation	355,576	99.88 %
PLTG	255	0.07 %
HVDC	-697	-0.20 %
Interconnection	-442	-0.12 %
Net Energy	356,018	100.00 %

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	18,397 MW
TNB Generation	3,726 MW
IPP Generation	13,150 MW
Spinning Reserve	1,472 MW
Maximum Demand	16,950 MW
Net Energy	356,018 MWH
Load Factor	87.52 %

Fuel Cost

Total Cost:	49,647,614.35 RM
Cost per Unit	34.39 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	306
Hydro	278
Syncon	1,010
Thermal	204
Total	1,798

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	28
GLGR	13
PAKA	190
SRDG	19
TJGS	205
Total TNB	456
KLPP	96
MPSS	51
NPRI	139
PDPS	2
PGLA	53
PKLG	7
PLPS	26
PTEK	49
SGRI	184
PKLG	81
Total IPP	689
Total Gas	1,145
Total Gas Required	1,145

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	14306	13526	13134	12706	12425	12301	12475	12233	12873	14626	15515	16229	16164	15959	16489	16889	16941	16464	15256	15224	16258	16168	15734	15248

