

Daily System Generation Summary on Tuesday

Tuesday, November 15, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,152 MW
Hydro	2,323 MW
Distillate	0 MW
Total TNB	4,475 MW
Total IPP	14,939 MW
Total Co-Gen	0 MW
Total System	19,978 MW

Generation Mix

Type	MWh	Percentage
Gas	43,614	12.91 %
Hydro	8,644	2.56 %
Total TNB	52,258	15.47 %
ST-Coal	191,675	56.74 %
Gas	94,085	27.85 %
Total IPP	285,760	84.59 %
Co-Gen	437	0.13 %
Total Co-Gen	437	0.13 %
Total Generation	338,455	100.19 %
PLTG	-84	-0.02 %
HVDC	721	0.21 %
Interconnection	637	0.19 %
Net Energy	337,818	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:	14:30:00 Hour
Total Set On Bus	18,277 MW
TNB Generation	2,738 MW
IPP Generation	13,657 MW
Spinning Reserve	1,864 MW
Maximum Demand	16,405 MW
Net Energy	337,818 MWH
Load Factor	85.80 %

Fuel Cost

Total Cost:	46,366,581.30 RM
Cost per Unit	14.07 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	417
Hydro	268
Syncon	1,001
Thermal	206
Total	1,892

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
CBPS	47
GLGR	3
GLGR	9
PAKA	141
PGPS	16
SRDG	15
TJGS	112
Total TNB	343

KLPP	91
MPSS	48
NPRI	145
PDPS	6
PGLA	89
PKLG	9
PLPS	90
PTEK	19
SGRI	173
SKSP	49
Total IPP	718

Total Gas 1,061

Total Gas Required 1,061

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	12920	12381	12002	11650	11476	11419	11678	11726	12331	14082	15033	15730	15785	15501	16061	16242	16122	15840	14716	14960	15373	15189	14737	14093

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(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi



Daily MW Generation on Tuesday

Table with columns: Station, Unit, 0000-2300, Total CCGT-Gas, Total OCGT-Gas, and various unit generation values (BSIA, CEND, HTRG, KNRG, etc.)

