

Daily System Generation Summary on Tuesday

Tuesday, June 21, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,747 MW
Hydro	2,138 MW
Distillate	0 MW
Total TNB	5,885 MW
Total IPP	13,134 MW
Total Co-Gen	32 MW
Total System	19,333 MW

Generation Mix

Type	MWh	Percentage
Gas	70,563	20.65 %
Hydro	13,364	3.91 %
Total TNB	83,927	24.55 %
ST-Coal	153,482	44.91 %
Gas	101,099	29.58 %
Total IPP	254,581	74.48 %
Co-Gen	436	0.13 %
Total Co-Gen	436	0.13 %
Total Generation	338,944	99.17 %
PLTC	-640	-0.19 %
HVDC	-2,208	-0.65 %
Interconnection	-2,848	-0.83 %
Net Energy	341,792	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	17,600 MW
TNB Generation	4,210 MW
IPP Generation	11,737 MW
Spinning Reserve	1,634 MW
Maximum Demand	16,216 MW
Net Energy	341,792 MWH
Load Factor	87.82 %

Fuel Cost

Total Cost:	47,720,473.80 RM
Cost per Unit	14.66 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	473
Hydro	343
Syncon	544
Thermal	83
Total	1,443

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	53
PAKA	155
PGPS	43
SRDG	30
TJGS	210
Total TNB	549
CBPS	57
KLPP	98
MPSS	50
NPRI	145
PDPS	14
PGLA	111
PKLG	8
PLPS	87
PTEK	46
SGRI	154
Total IPP	770
Total Gas	1,319
Total Gas Required	1,319

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	13511	13013	12411	12129	12015	12010	12063	11840	12561	14196	15100	15674	15544	15230	15860	16142	16198	15685	14926	14594	15212	15415	15054	14694

Prepared By: Ibrahim bin Said

Checked By: Kannathason a/I Karuppiyah

Printed on: Wednesday, June 22, 2016 9:35:29 AM
(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Tuesday

Table with columns for Station, Unit, and hourly generation from 0000 to 2300. Rows include various power stations like PLPS, SGRI, TJGS, PDPS, PTEK, SRDC, BSIA, CEND, HTRG, KNRG, KNYR, LPJA, MNOR, and PGAU.

