

Daily System Generation Summary on Thursday

Thursday, January 14, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	2,390 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,540 MW
Hydro	2,122 MW
Distillate	0 MW
Total TNB	8,052 MW
Total IPP	10,316 MW
Total Co-Gen	29 MW
Total System	18,397 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	55,914	16.04 %
Gas	67,101	19.25 %
Hydro	10,864	3.12 %
Total TNB	133,879	38.42 %
ST-Coal	112,575	32.30 %
ST-Gas	5,886	1.69 %
ST-Oil	4,038	1.16 %
Gas	91,001	26.11 %
Total IPP	213,500	61.26 %
Co-Gen	622	0.18 %
Total Co-Gen	622	0.18 %
Total Generation	348,001	99.86 %
PLTG	286	0.08 %
HVDC	-779	-0.22 %
Interconnection	-493	-0.14 %
Net Energy	348,494	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	14:30:00 Hour
Total Set On Bus	17,777 MW
TNB Generation	6,664 MW
IPP Generation	9,900 MW
Spinning Reserve	1,189 MW
Maximum Demand	16,593 MW
Net Energy	348,494 MWH
Load Factor	87.51 %

Fuel Cost

Total Cost:	51,937,494.25 RM
Cost per Unit	15.40 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	330
Hydro	472
Syncon	585
Thermal	36
Total	1,423

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
CBPS	9
CBPS	43
GLGR	54
PAKA	179
PGGS	10
PGPS	52
SRDG	20
TJGS	161
Total TNB	528

KLPP	114
MPSS	31
PDPS	17
PGLA	113
PKLG	8
PLPS	97
SGB3	81
SGRI	191
SKSP	53
PKLG	59
Total IPP	765
Total Gas	1,293

Total Gas Required 1,333

Alternate Fuel Usage

Station	(mmscfd)
PKLG	39
Total	39

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	14320	13548	13053	12633	12367	12088	12251	12192	12535	14476	15422	16088	16038	15764	16371	16417	16324	15935	14769	14498	15711	15570	15004	14551

Prepared By: Abu Bakar bin K.K. Ibrahim

Checked By: -Select Name-

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(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

