

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,798 MW
Hydro	1,833 MW
Distillate	0 MW
Total TNB	4,631 MW
Total IPP	16,144 MW
Total Co-Gen	30 MW
Total System	21,369 MW

Generation Mix

Type	MWh	Percentage
Gas	35,939	10.64 %
Hydro	17,711	5.24 %
Total TNB	53,650	15.88 %
ST-Coal	203,604	60.25 %
Gas	78,846	23.33 %
Total IPP	282,450	83.58 %
Co-Gen	443	0.13 %
Total Co-Gen	443	0.13 %
Total Generation	336,543	99.59 %
PLTG	-688	-0.20 %
HVDC	-699	-0.21 %
Interconnection	-1,387	-0.41 %
Net Energy	337,930	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	17,140 MW
TNB Generation	2,754 MW
IPP Generation	13,002 MW
Spinning Reserve	1,366 MW
Maximum Demand	15,851 MW
Net Energy	337,930 MWH
Load Factor	88.83 %

Fuel Cost

Total Cost:	52,315,032.65 RM
Cost per Unit	16.57 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	519
Hydro	253
Syncon	616
Thermal	174
Total	1,562

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	50
SRDG	5
TJGS	206
Total TNB	261
CBPS	52
KLPP	89
NPRI	147
PGLA	87
PLPS	66
SGB3	69
YPKA	45
Total IPP	556
Total Gas	817
Total Gas Required	817

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	13320	12755	12325	12048	11700	11744	12043	12197	12663	14241	14975	15532	15466	15053	15524	15765	15808	15482	14665	14674	15392	15163	14615	14088

Prepared By: -Select Name-

Checked By: -Select Name-

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(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Thursday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																									
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																									
SRev CCGT-Gas		1270	1297	1004	1070	1321	1466	1633	1649	1872	1836	1777	1650	1491	1181	1374	1560	1085	750	760	499	750	636	372	498	677	791	1025	805	408	342	465	411	326	383	577	735	949	1110	715	388	471	465	466	485	710	1015	845	909	
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		11	11	11	13	11	10	11	12	10	13	11	10	12	11	12	11	12	11	11	10	12	12	11	12	12	11	11	12	12	11	11	13	11	13	11	13	12	12	12	13	12	12	12	13	12	12	13	10	11
Syncon		796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	
Hydro		91	79	65	58	61	79	70	75	75	155	155	79	77	73	78	80	76	220	334	273	272	272	324	323	325	272	275	271	271	242	302	239	292	299	298	162	158	158	141	95	112	106	192	191	152	125	142	111	
S.Reserve Total		2454	2570	2273	2354	2621	2775	2924	2959	3176	3247	3159	2976	2814	2486	2698	2849	2196	1870	1720	1522	1805	1678	1577	1657	1825	1988	2187	1951	1512	1414	1402	1366	1496	1619	1697	1822	2011	2167	1746	1200	1282	1277	1531	1653	1898	2123	2003	2077	