

Availability at Daily Maximum Demand Hour

ST-Coal	3,080 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,813 MW
Hydro	1,731 MW
Distillate	0 MW
Total TNB	8,624 MW
Total IPP	9,489 MW
Total Co-Gen	0 MW
Total System	18,683 MW

Maximum Demand Record

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

Gas Usage

Station	(mmscfd)
CBPS	3
GLGR	57
PAKA	59
PGPS	43
SRDG	26
TJGS	208
Total TNB	396
KLPP	53
MPSS	60
PDPS	3
PGLA	112
PKLG	3
PLPS	102
PTEK	2
SGB3	73
SGRI	186
YPGS	69
YPKA	134
Total IPP	798
Total Gas	1,194

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	15,659 MW
TNB Generation	5,931 MW
IPP Generation	8,558 MW
Spinning Reserve	1,143 MW
Maximum Demand	14,497 MW
Net Energy	317,200 MWH
Load Factor	91.17 %

Generation Mix

Type	MWh	Percentage
ST-Coal	57,535	18.14 %
Gas	52,329	16.50 %
Hydro	14,623	4.61 %
Total TNB	124,487	39.25 %
ST-Coal	91,680	28.90 %
Gas	101,185	31.90 %
Total IPP	192,865	60.80 %
Co-Gen	637	0.20 %
Total Co-Gen	637	0.20 %
Total Generation	317,989	100.25 %

Fuel Cost

Total Cost:	40,725,408.99 RM
Cost per Unit	13.42 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	363
Hydro	170
Syncon	355
Thermal	65
Total	953

PLTG	61	0.02 %
HVDC	728	0.23 %
Interconnection	789	0.25 %
Net Energy	317,200	100.00 %

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	29

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	13977	13292	12786	12414	12179	11903	11900	11514	11261	12455	13244	13889	13849	13479	13846	13946	13934	13653	13293	13329	14440	14405	14052	13932

Prepared By: -Select Name-

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(Gurcharan Singh)
Pengurus Besar Kanan
Jabatan Sistem Operasi

Daily MW Generation on Saturday

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
PGAU	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	-1	19	110	11	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	36	33	37	35	35	32	35	32	36	32	33	32	34	35	32	33	34	35	38	38	61	84	84	84
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Hydro		390	414	439	527	424	405	412	379	418	450	399	412	408	407	336	303	313	402	472	530	797	1052	1055	1054
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUPG	3	3	2	2	2	2	3	2	2	2	2	2	3	4	3	3	3	2	2	2	3	1	1	1
PCUF	CUFK	27	25	25	29	25	28	25	28	29	28	30	28	29	28	27	26	26	26	24	25	24	20	25	21
Total Co-Gen		30	28	27	31	27	30	27	31	31	30	32	30	31	30	29	29	30	29	27	28	27	26	22	22
Total Gen		13930	13645	13267	13069	12774	12560	12454	12154	12224	12009	11949	11890	11906	11889	11601	11275	11292	11903	12470	12969	13218	13679	13907	14002
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		31	31	31	32	30	30	31	29	31	30	30	30	30	30	31	31	31	30	30	30	31	31	30	30
TIE-PLTG		-78	8	-56	-19	-42	44	9	-6	16	58	16	-19	-24	-42	57	36	1	-40	-16	-31	-56	1	-13	
Interconnection		-47	39	-25	13	-12	74	40	25	45	89	46	11	6	-12	87	66	31	-9	15	-1	-26	31	18	
System Total		13977	13606	13292	13056	12786	12486	12414	12129	12179	11920	11903	11879	11900	11901	11514	11209	11261	11912	12485	12970	13244	13648	13889	13965
SRev ST-Coal		111	-4	-29	26	13	23	4	115	81	55	27	46	4	17	45	38	26	15	52	1	32	57	34	77
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		221	386	152	302	336	358	401	532	534	836	875	926	949	951	1139	1439	1445	933	635	307	436	323	255	394
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
SRev Co-Gen		14	16	17	13	17	14	17	13	13	14	12	14	13	14	15	15	14	15	17	16	17	18	22	16
Syncon		625	625	474	474	474	625	625	474	625	474	726	575	726	726	726	827	827	726	625	474	453	453	453	453
Hydro		120	96	222	134	237	105	98	282	92	311	110	248	101	102	173	105	95	107	138	231	237	182	179	180
S.Reserve Total		1091	1119	836	949	1077	1125	1145	1416	1345	1690	1750	1809	1793	1810	2098	2424	2407	1796	1467	1029	1175	1122	1012	1165