

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,695	MW
Hydro	1,622	MW
Distillate	0	MW
Total TNB	7,457	MW
Total IPP	10,679	MW
Total Co-Gen	79	MW
System Total	18,215	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00

TNB Generation	5,900	MW
IPP Generation	9,716	MW
Total Set On Bus	16,654	MW
Maximum Demand	15,783	MW
Spinning Reserve	959	MW
Net Energy	331,482	MWH
Load Factor	87.5	%

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	15229	12756	12323	11897	11681	11580	11801	11649	12057	13805	14532	15174	15057	14788	15361	15658	15783	15380	14253	13926	14582	14852	14576	14203

Gas Usage

Station	(mmscfd)
CBPS	11
GLGR	58
PAKA	142
PGPS	52
SRDG	70
TJGS	105
TNB Total	438
KLPP	119
MPSS	55
PDPS	44
PGLA	113
PKLG	144
PLPS	103
PTEK	14
SGB3	1
SGRI	222
YPGS	68
YPKA	132
IPP Total	1,016
Total Gas	1,453

Total Gas Required : 1,453
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,650.00	14.98 %
Gas	53,428.00	16.12 %
Hydro	16,070.00	4.85 %
Total TNB	119,148.0	35.94 %
ST-Coal	85,309.0	25.74 %
ST-Gas	11,129.0	3.36 %
Gas	114,797.0	34.63 %
Total IPP	211,235.0	63.72 %
Co-Gen	2,088.0	0.63 %
Total Co-Gen	2,088.0	0.63 %
Total Generation	332,471.0	100.30 %
PLTG	269.0	0.08 %
HVDC	720.0	0.22 %
Interconnection	989.0	0.30 %
Net Energy	331,482.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	258
Hydro	180
Syncon	357
Thermal	134
Total	930

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	36

(Gurcharan Singh)
Pengurus Besar (Kawalan)
Bahagian Operasi Kawalan

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	-1	-1	-1	21	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	-1	-1	21	-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	23	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	20	20	15	15	15	15
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	25	25	25	25	25	25	25	25
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	24	24	24	24	24	24	24
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25
TMGR	HY01	28	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	-1	-1	80	80	80	80	80	80
TMGR	HY02	61	29	33	36	31	32	31	28	36	39	31	30	32	29	29	38	34	32	38	34	87	82	84	84
TMGR	HY03	25	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	81	81	81	81	81	81	81	81
TMGR	HY04	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	85	85	85	85	85	85	85	85
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		533	359	467	432	355	428	365	359	469	555	404	422	418	393	377	286	277	459	741	479	564	783	869	853
PCUF	CUFG	54	52	53	53	52	53	51	52	53	53	52	55	54	54	55	53	52	52	52	51	53	52	54	52
PCUF	CUFK	31	31	31	31	26	27	28	28	27	27	27	28	28	28	27	27	26	26	27	26	24	24	25	25
Total Co-Gen		85	83	84	84	78	80	78	80	81	80	79	83	82	82	82	80	82	80	79	78	79	78	78	78
Total Gen		13392	13110	12769	12535	12328	12194	11934	11710	11661	11902	11689	11677	11857	11731	11743	11642	12140	13053	13810	14269	14601	14933	15159	15282
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	29	29	29	29	29	29	29	29	29	29	29	31	31	30	30	30	30	31	31	30	30	29	30
TIE-PLTG		132	67	-16	32	-24	-58	8	-24	-49	-35	80	-35	27	24	64	67	53	40	-24	-4	38	29	-45	
Interconnection		163	96	13	61	5	-29	37	6	-20	-5	109	-6	56	54	94	97	83	69	5	27	69	59	-15	
System Total		13229	13014	12756	12474	12323	12223	11897	11704	11681	11907	11580	11683	11801	11677	11649	11545	12057	12984	13805	14242	14532	14874	15174	15251
SRev ST-Coal		154	170	149	141	143	143	153	136	146	156	148	140	146	138	148	148	145	136	156	142	147	142	147	144
SRev ST-Gas		19	18	70	80	79	78	75	74	75	74	74	74	74	39	0	0	37	0	2	8	11	8	12	16
SRev CCGT-Gas		246	257	437	552	643	853	943	1195	1340	1174	1246	1287	1196	1315	1280	1422	1051	606	168	196	179	187	183	135
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	77	0	-4	-3	90
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		453	625	625	474	625	474	625	625	625	474	625	625	625	625	726	726	625	388	625	625	539	453	453	453
Hydro		349	168	160	246	172	250	240	246	136	201	201	183	187	212	228	118	127	146	251	126	51	163	163	179
S.Reserve Total		1221	1238	1441	1593	1662	1798	2036	2276	2322	2079	2294	2309	2228	2364	2355	2453	2049	1513	1078	1166	1004	1035	954	1009