

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,340 MW
Hydro	1,859 MW
Distillate	0 MW
Total TNB	7,339 MW
Total IPP	8,219 MW
Total Co-Gen	54 MW
System Total	15,612 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00

TNB Generation	5,517 MW
IPP Generation	7,080 MW
Total Set On Bus	13,554 MW
Maximum Demand	12,608 MW
Spinning Reserve	903 MW
Net Energy	269,027 MWH
Load Factor	88.9 %
Total Cost	RM
Cost per Unit	RM

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	12007	11465	11016	10690	10527	10411	10282	10155	9730	10339	10930	11422	11326	11203	11265	11189	11349	11015	10959	11766	12608	12571	12342	11913

Gas Usage

Station	(mmscfd)
CBPS	35
GLGR	65
PAKA	178
PGPS	40
SRDG	8
TJGS	112
TNB Total	438
KLPP	78
MPSS	58
PDPS	8
PGLA	112
PKLG	138
PLPS	1
SGB3	45
SGRI	202
YPGS	30
YPKA	93
IPP Total	765
Total Gas	1,203
Total Gas Required :	1,203
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,248.00	18.31 %
Gas	55,511.00	20.63 %
Hydro	11,657.00	4.33 %
Total TNB	116,416.0	43.27 %
ST-Coal	56,045.0	20.83 %
ST-Gas	13,574.0	5.05 %
Gas	82,355.0	30.61 %
Total IPP	151,974.0	56.49 %
Co-Gen	1,411.0	0.52 %
Total Co-Gen	1,411.0	0.52 %
Total Generation	269,801.0	100.29 %
PLTG	53.0	0.02 %
HVDC	721.0	0.27 %
Interconnection	774.0	0.29 %
Net Energy	269,027.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	187
Hydro	132
Syncon	513
Thermal	51
Total	882

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	32

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																									
PCUF	CUFK	13	16	16	13	13	12	14	16	17	18	16	13	12	14	13	13	12	11	11	12	12	12	11	10	13	14	15	13	12	12	13	11	12	14	15	14	14	13	14	14	14	13	14	12	14	14			
Total Co-Gen		56	60	66	61	61	59	65	67	67	64	62	58	56	64	63	64	64	63	60	59	57	56	55	53	51	54	54	57	55	53	53	52	56	63	65	59	58	55	54	57	58	58	60	58	58	57			
Total Gen		11996	11768	11474	11263	11087	10955	10757	10570	10583	10510	10479	10405	10436	10470	10151	9866	9762	9953	10305	10549	10866	11222	11420	11478	11359	11360	11231	11344	11304	11274	11260	11238	11307	11167	10977	10962	10958	11078	11663	12517	12651	12609	12608	12552	12399	12063	11952	11678	
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	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		29	29	31	31	29	29	30	30	30	30	30	30	30	30	29	29	31	29	31	29	31	29	29	32	31	29	29	31	31	29	30	29	31	31	30	31	30	30	31	29	31	31	30	31	30	31	30	30	
TIE-PLTG		-40	-54	-22	18	42	72	37	30	26	87	38	86	124	93	-34	84	2	18	-63	29	-95	6	-33	75	4	-10	-3	13	10	-24	40	0	-72	-32	-69	-62	-31	-30	-133	-38	12	-9	6	-57	27	40	9	-11	
Interconnection		-11	-25	9	49	71	101	67	60	56	117	68	116	154	123	-4	114	32	48	-34	58	-64	35	-2	104	33	22	28	42	39	7	71	29	-42	-3	-38	-31	-1	1	-103	-8	43	20	37	-26	57	71	39	19	
System Total		12007	11793	11465	11214	11016	10854	10690	10510	10527	10393	10411	10289	10282	10347	10155	9752	9730	9905	10339	10491	10930	11187	11422	11374	11326	11338	11203	11302	11265	11267	11189	11209	11349	11170	11015	10993	10959	11077	11766	12525	12608	12589	12571	12578	12342	11992	11913	11659	
SRev ST-Coal		69	64	73	71	80	71	82	66	67	67	67	66	74	65	69	148	225	223	134	74	117	58	67	70	67	56	63	79	51	62	60	67	60	74	50	61	69	54	70	59	74	61	69	69	66	73	64	60	
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	-1	-1	-1	-1	-1	-1	-3	-3	-1	-1	-1	-1	-2	-2	-2	-1	-2	-2	-2	-3	-1	-1	-3		
SRev ST-Oil		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 CCGT-Gas		335	291	316	177	193	235	220	331	321	364	385	443	406	395	708	862	951	769	815	751	431	367	166	173	357	271	354	232	299	245	259	281	221	295	438	449	563	415	264	76	81	152	143	99	205	221	211	171	
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	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		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
Syncon		172	323	474	474	474	625	726	726	726	726	726	726	726	726	726	726	575	726	575	625	625	625	474	625	625	625	625	625	726	726	726	726	726	726	726	575	726	625	388	625	625	625	625	625	625	625	625		
Hydro		287	285	227	223	273	71	73	72	68	94	105	114	110	109	107	113	152	145	271	148	262	194	186	113	250	189	231	224	228	188	188	183	181	230	105	105	240	127	217	205	80	104	106	90	91	94	116	115	
S.Reserve Total		863	963	1090	945	1020	1002	1101	1195	1182	1251	1283	1349	1316	1295	1610	1850	2055	1863	1795	1699	1385	1244	1044	981	1148	1140	1272	1159	1202	1220	1232	1254	1185	1324	1418	1340	1446	1320	1174	807	903	948	950	966	1031	1154	1015	968	