

Availability At Daily Maximum Demand Hour

ST-Coal	1,730 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,864 MW
Hydro	1,556 MW
Distillate	0 MW
Total TNB	7,150 MW
Total IPP	10,156 MW
Total Co-Gen	32 MW
System Total	17,338 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30

TNB Generation	6,135 MW
IPP Generation	9,868 MW
Total Set On Bus	16,984 MW
Maximum Demand	16,062 MW
Spinning Reserve	949 MW
Net Energy	328,959 MWH
Load Factor	85.3 %
Total Cost	61,917,484 RM
Cost per Unit	19.20 cents/kWH

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	12880	12249	11883	11585	11146	11106	11411	11345	11908	13604	14694	15533	15449	15148	15715	15952	15981	15353	14300	13951	14884	14734	14162	13669

Gas Usage

Station	(mmscfd)
CBPS	89
GLGR	58
PAKA	118
PGGS	3
PGPS	43
SRDG	38
TJGS	216
TNB Total	565
KLPP	105
MPSS	58
PDPS	36
PGLA	112
PKLG	98
PLPS	99
PTEK	42
SGB3	86
SGRI	69
SKSP	54
YPGS	67
YPKA	128
IPP Total	954
Total Gas	1,519
Total Gas Required :	1,519
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	41,379.00	12.58 %
Gas	71,714.00	21.80 %
Hydro	5,982.00	1.82 %
Total TNB	119,075.0	36.20 %
ST-Coal	90,222.0	27.43 %
ST-Gas	9,461.0	2.88 %
Gas	108,821.0	33.08 %
Total IPP	208,504.0	63.38 %
Co-Gen	869.0	0.26 %
Total Co-Gen	869.0	0.26 %
Total Generation	328,448.0	99.84 %
PLTG	185.0	0.06 %
HVDC	-696.0	-0.21 %
Interconnection	-511.0	-0.16 %
Net Energy	328,959.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	409
Hydro	160
Syncon	441
Thermal	87
Total	1097

Weather Temperature

	Weather	Temperature
Morning	Sunny	23
Afternoon	Hot	30

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	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
SIHY	HY03	49	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	31	27	36	33	34	28	35	28	30	35	34	34	38	45	30	37	30	19	32	42	29	85	27	39	
TMGR	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	
UPLA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total Hydro		215	158	177	172	194	157	174	157	162	175	171	172	181	199	158	178	159	150	152	175	143	271	318	333	
PCUF	CUPG	39	37	21	10	10	6	3	5	4	3	5	6	6	4	5	5	3	3	6	5	5	6	6	4	3
PCUF	CUPK	31	32	32	32	32	34	33	33	33	34	33	34	35	32	33	33	32	33	31	29	26	27	26	26	26
Total Co-Gen		70	69	53	42	42	40	36	38	37	36	39	38	40	41	36	38	38	35	36	37	34	31	33	32	
Total Gen		12855	12438	12251	12017	11859	11643	11507	11329	11152	11038	11084	11058	11349	11576	11414	11248	11896	12938	13562	14241	14692	15028	15467	15603	
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		-29	-30	-30	-29	-30	-29	-29	-29	-29	-27	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		4	6	32	-28	6	28	-49	27	35	32	5	30	-33	-91	98	-22	16	-30	-12	22	28	-65	-38	15	
Interconnection		-25	-24	2	-57	-24	-1	-78	-2	6	3	-22	1	-62	-120	69	-50	-12	-60	-42	-8	-2	-93	-66	-14	
System Total		12880	12462	12249	12074	11883	11644	11585	11331	11146	11035	11106	11057	11411	11696	11345	11298	11908	12998	13604	14249	14694	15121	15533	15617	
SRev ST-Coal		74	61	74	145	94	44	55	74	49	76	78	73	56	69	88	74	76	70	76	131	94	57	56	80	
SRev ST-Gas		34	67	64	67	69	70	73	76	75	76	75	76	76	72	73	76	52	42	36	56	58	19	-2	9	
SRev CCGT-Gas		380	534	679	747	1031	1282	1464	1668	1852	1953	1905	1935	1681	1467	1498	1710	1574	1215	755	250	354	206	329	257	
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 Co-Gen		0	0	0	0	0	-3	0	-4	-3	-5	-5	0	0	-4	0	-5	-3	-3	0	-5	-5	0	0	-4	
Syncon		645	645	645	645	494	645	645	645	645	645	645	645	645	494	645	645	645	494	645	539	495	645	645	494	
Hydro		132	141	121	126	256	141	123	141	136	123	126	125	114	95	137	119	137	296	142	119	151	23	232	111	
S.Reserve Total		1265	1448	1583	1730	1944	2182	2357	2604	2753	2870	2824	2849	2572	2352	2436	2621	2503	2189	1665	1328	1337	1011	1336	1024	