

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	4,380 MW
Hydro	1,661 MW
Distillate	0 MW
Total TNB	7,491 MW
Total IPP	9,624 MW
Total Co-Gen	88 MW
System Total	17,203 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	6,560 MW
IPP Generation	8,795 MW
Total Set On Bus	16,306 MW
Maximum Demand	15,465 MW
Spinning Reserve	863 MW
Net Energy	323,584 MWH
Load Factor	87.2 %
Total Cost	64,397,023 RM
Cost per Unit	20.89 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	13461	12590	12150	11725	11531	11335	11267	11390	11585	13244	14043	14795	14788	14348	14663	15308	15465	15133	13976	13619	14567	14577	14162	13832

Gas Usage

Station	(mmscfd)
CBPS	109
GLGR	32
PAKA	194
PGPS	54
SRDG	46
TJGS	222
TNB Total	657
KLPP	126
MPSS	60
PDPS	36
PGLA	119
PKLG	120
PLPS	70
PTEK	29
SGB3	69
SGRI	204
SKSP	55
YPKA	130
IPP Total	1.017
Total Gas	1.674

Total Gas Required : 1,674
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	33,083.00	10.22 %
Gas	83,264.00	25.73 %
Hydro	14,319.00	4.43 %
Total TNB	130,666.0	40.38 %
ST-Coal	62,782.0	19.40 %
ST-Gas	11,685.0	3.61 %
Gas	115,222.0	35.61 %
Total IPP	189,689.0	58.62 %
Co-Gen	2,167.0	0.67 %
Total Co-Gen	2,167.0	0.67 %
Total Generation	322,522.0	99.67 %
PLTG	-360.0	-0.11 %
HVDC	-702.0	-0.22 %
Interconnection	-1,062.0	-0.33 %
Net Energy	323,584.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	392
Hydro	160
Syncon	271
Thermal	76
Total	898

Weather Temperature

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 33

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	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	
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	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	33	31	27	32	33	33	33	34	34	33	33	28	33	34	33	29	35	34	32	84	84	85	84	82	
TMGR	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	
TMGR	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	
UPLA	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		360	176	159	170	167	190	173	217	169	169	168	161	198	184	187	160	207	229	262	287	657	790	1154		
PCUF	CUFK	54	52	53	53	53	53	52	54	52	54	52	53	52	53	53	53	53	54	52	52	52	52	53	53	
PCUF	CUFK	37	38	39	39	39	37	39	39	38	38	38	40	41	40	41	39	41	40	38	38	37	37	38	36	36
Total Co-Gen		91	90	92	92	92	90	92	91	92	90	92	90	93	93	93	90	95	93	90	92	89	90	90		
Total Gen		13443	12830	12479	12434	12101	11980	11641	11651	11464	11361	11300	11176	11259	11414	11345	11107	11507	12458	13218	13623	14015	14315	14760		
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	-30	-29	-29	-29	-29	-29	-29	-28	-30	-30	-30	-29	-29	-27	-30	-29	-29	-29	-30	-30	-29	
TIE-PLTG		11	-7	-81	-29	-20	10	-55	4	-38	-8	-6	-3	22	46	-15	-60	-49	-16	1	4	1	-46	-6		
Interconnection		-18	-37	-111	-59	-49	-19	-84	-25	-67	-37	-35	-31	-8	16	-45	-90	-78	-45	-26	-26	-28	-75	-35		
System Total		13461	12867	12590	12493	12150	11999	11725	11676	11531	11398	11335	11207	11267	11398	11390	11197	11585	12503	13244	13649	14043	14390	14795		
SRev ST-Coal		87	121	111	81	141	152	117	85	82	82	92	88	95	96	81	83	96	97	86	79	80	85	85	88	
SRev ST-Gas		1	1	-41	7	78	77	75	75	75	74	74	75	75	75	75	83	20	12	6	4	10	4	6	6	
SRev CCGT-Gas		165	509	395	174	373	345	559	501	644	745	797	916	866	698	783	992	1093	498	195	216	196	218	237	247	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	3	88	123	128	128	
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		625	726	726	726	726	726	575	726	726	726	575	726	726	575	625	539	539	237	237	237	237	237	560	711	
Hydro		128	111	128	117	120	97	114	221	118	118	121	128	242	105	252	128	81	159	277	202	98	90	179	207	
S.Reserve Total		1006	1468	1319	1105	1438	1397	1591	1457	1645	1745	1810	1933	1853	1700	1766	2004	2071	1563	1207	1137	1007	1059	876		