

Availability At Daily Maximum Demand Hour

ST-Coal	1,680 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,162 MW
Hydro	1,745 MW
Distillate	0 MW
Total TNB	7,587 MW
Total IPP	9,959 MW
Total Co-Gen	67 MW
System Total	17,613 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30	
TNB Generation	5,916 MW
IPP Generation	9,653 MW
Total Set On Bus	16,738 MW
Maximum Demand	15,763 MW
Spinning Reserve	1,102 MW
Net Energy	324,320 MWH
Load Factor	85.7 %
Total Cost	58,683,331 RM
Cost per Unit	18.57 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	12534	11919	11568	11162	10821	10716	11068	11040	11906	13984	14926	15640	15541	15119	15633	15627	15519	15170	14136	13844	14678	14368	13889	13372

Gas Usage

Station	(mmscfd)
CBPS	79
GLGR	65
PAKA	161
PGGS	2
PGPS	43
SRDG	35
TJGS	213
TNB Total	597
KLPP	98
MPSS	58
PDPS	37
PGLA	114
PKLG	82
PLPS	65
PTEK	39
SGB3	82
SGRI	94
SKSP	53
YPGS	63
YPKA	91
IPP Total	878
Total Gas	1,475
Total Gas Required :	1,475
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	39,782.00	12.27 %
Gas	75,972.00	23.43 %
Hydro	7,121.00	2.20 %
Total TNB	122,875.0	37.90 %
ST-Coal	89,838.0	27.71 %
ST-Gas	7,890.0	2.43 %
Gas	100,710.0	31.06 %
Total IPP	198,438.0	61.20 %
Co-Gen	1,711.0	0.53 %
Total Co-Gen	1,711.0	0.53 %
Total Generation	323,024.0	99.62 %
PLTG	-490.0	-0.15 %
HVDC	-734.0	-0.23 %
Interconnection	-1,224.0	-0.38 %
Net Energy	324,248.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	474
Hydro	161
Syncon	503
Thermal	95
Total	1233

	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	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	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	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	HY02	26	27	33	30	28	26	35	33	34	33	42	33	34	35	26	34	39	43	45	34	38	39	40	40	
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	-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	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		171	173	186	182	176	173	191	186	188	186	204	186	188	221	171	170	185	216	299	173	184	356	439	467	453
PCUF	CUFG	34	34	33	33	33	33	34	33	34	35	34	34	33	33	34	34	32	33	33	33	32	31	32	32	32
PCUF	CUFK	39	39	40	40	39	40	41	40	40	39	40	38	40	38	41	40	40	38	37	38	37	36	35	36	34
Total Co-Gen		73	73	73	73	72	73	74	74	74	75	73	74	71	73	72	75	74	72	71	70	71	69	67	67	68
Total Gen		12625	12186	11927	11718	11522	11465	10798	10955	10830	10790	10670	10769	11044	11226	11069	11051	11862	13066	13890	14425	14878	15250	15501	15636	15510
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	30	30	-29	-30	30	-334	-29	-29	-29	-29	-30	-30	-28	-29	-29	-29	-30	-30	-28	-28	-29	-29	-29	
TIE-PLTG		60	16	-22	37	-16	1	-30	3	38	8	-17	38	6	-4	59	-60	-15	16	-65	57	-18	-26	-110	-97	
Interconnection		91	46	8	8	-46	31	-364	-26	9	-21	-46	8	-24	-34	29	-88	-44	-13	-94	27	-48	-55	-139	-127	
System Total		12534	12140	11919	11707	11568	11434	11162	10981	10821	10811	10716	10761	11068	11260	11040	11139	11906	13079	13984	14398	14926	15305	15640	15763	15541
SRev ST-Coal		76	95	70	86	71	62	64	87	86	74	414	198	107	72	81	73	61	67	62	77	66	85	54	63	
SRev ST-Gas		-15	3	8	42	40	40	40	40	40	40	40	40	40	41	40	40	41	6	6	6	6	6	6	6	
SRev CCGT-Gas		310	334	456	664	823	897	1580	1456	1584	1715	1470	1644	1646	1605	1701	1530	1274	731	413	284	239	236	226	237	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Syncon		646	646	646	646	646	646	646	646	646	646	646	646	646	646	646	646	646	646	646	646	646	646	646	646	
Hydro		124	122	109	113	119	122	104	109	107	109	91	109	107	225	124	125	110	230	147	122	116	220	137	109	
S.Reserve Total		1146	1205	1294	1556	1704	1772	2439	2343	2468	2589	2666	2642	2551	2442	2598	2419	2136	1569	1234	1264	1258	1380	1127	1102	