

Availability At Daily Maximum Demand Hour

ST-Coal	1,725 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,994 MW
Hydro	1,579 MW
Distillate	0 MW
Total TNB	7,298 MW
Total IPP	10,241 MW
Total Co-Gen	28 MW
System Total	17,567 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	6,225 MW
IPP Generation	9,781 MW
Total Set On Bus	17,276 MW
Maximum Demand	16,085 MW
Spinning Reserve	1,242 MW
Net Energy	330,622 MWH
Load Factor	85.6 %
Total Cost	62,083,806 RM
Cost per Unit	19.17 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	12765	12461	11962	11590	11232	11210	11391	11332	12021	13745	14745	15525	15476	15080	15680	16030	15791	15521	14305	13913	14820	14771	14349	13892

Gas Usage

Station	(mmscfd)
CBPS	84
GLGR	61
PAKA	129
PGGS	3
PGPS	42
SRDG	35
TJGS	213
TNB Total	567
KLPP	102
MPSS	58
PDPS	37
PGLA	116
PKLG	99
PLPS	97
PTEK	43
SGB3	84
SGRI	74
SKSP	55
YPGS	67
YPKA	128
IPP Total	960
Total Gas	1,527
Total Gas Required :	1,527
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	41,484.00	12.55 %
Gas	72,111.00	21.81 %
Hydro	6,269.00	1.90 %
Total TNB	119,864.0	36.25 %
ST-Coal	90,221.0	27.29 %
ST-Gas	9,582.0	2.90 %
Gas	109,536.0	33.13 %
Total IPP	209,339.0	63.32 %
Co-Gen	768.0	0.23 %
Total Co-Gen	768.0	0.23 %
Total Generation	329,971.0	99.80 %
PLTG	54.0	0.02 %
HVDC	-705.0	-0.21 %
Interconnection	-651.0	-0.20 %
Net Energy	330,622.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	429
Hydro	143
Syncon	668
Thermal	95
Total	1335

Weather Temperature

Weather	Temperature
Morning	Sunny 26
Afternoon	Hot 35

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	23	-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	50	50	50	50	50	50	50	49	50	49	49	49	49	50	50	29	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	30	35	35	34	36	32	33	36	30	34	30	33	35	35	33	35	24	34	32	33	38	42	37	38	
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	
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		213	230	233	249	238	219	219	233	212	221	210	250	251	250	222	249	180	166	185	162	174	223	331	360	
PCUF	CUFG	4	4	4	4	3	2	4	1	4	3	4	3	3	3	3	7	2	2	5	5	7	6	7	5	5
PCUF	CUFK	32	32	33	32	33	32	32	31	33	33	33	33	32	31	33	35	34	32	31	29	27	26	24	23	23
Total Co-Gen		36	36	37	36	36	34	36	32	37	36	37	36	35	35	36	39	37	35	34	32	30	33	26	25	
Total Gen		12750	12601	12436	11998	11967	11782	11567	11502	11237	11371	11188	11235	11361	11640	11348	11332	11939	13156	13712	14425	14760	15138	15455	15601	
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		-30	-28	-28	-30	-30	-30	-29	-29	-30	-30	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	
TIE-PLTG		15	-19	3	-12	34	-2	7	48	34	59	8	7	-1	25	46	-26	-52	31	-4	54	45	-1	-40	-8	
Interconnection		-15	-47	-25	-42	4	-32	-23	19	5	29	-22	-22	-30	-5	16	-56	-82	2	-33	25	16	-31	-70	-37	
System Total		12765	12648	12461	12040	11963	11814	11590	11483	11232	11342	11210	11257	11391	11645	11332	11388	12021	13154	13745	14400	14744	15169	15525	15638	
SRev ST-Coal		83	70	81	71	75	86	39	77	70	74	65	77	73	74	88	77	70	82	81	77	85	81	73	81	
SRev ST-Gas		1	71	66	67	66	66	66	66	66	66	66	66	66	66	60	23	5	0	0	2	2	17	30	36	
SRev CCGT-Gas		615	471	551	1013	871	1028	1289	1326	1594	1454	1646	1617	1493	1212	1465	1477	1467	1017	689	373	178	234	225	211	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	159	119	62	182	93	
SRev Co-Gen		-4	-4	-4	-4	-3	-2	-4	-1	-4	-3	-4	-3	-3	-4	-3	-4	-3	-3	-3	-3	0	-2	-2	0	
Syncon		731	731	731	474	625	625	625	625	776	776	776	625	776	776	776	731	731	580	731	731	731	731	731	731	
Hydro		134	117	114	251	109	130	128	115	135	125	136	248	96	96	125	98	168	129	262	135	122	74	115	87	
S.Reserve Total		1560	1456	1539	1872	1743	1933	2143	2208	2637	2492	2685	2630	2501	2220	2517	2490	2493	1979	1639	1472	1232	1184	1326	1218	