

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	4,230 MW
Hydro	1,543 MW
Distillate	0 MW
Total TNB	7,223 MW
Total IPP	10,361 MW
Total Co-Gen	50 MW
System Total	17,634 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30	
TNB Generation	4,818 MW
IPP Generation	8,983 MW
Total Set On Bus	14,895 MW
Maximum Demand	13,874 MW
Spinning Reserve	1,044 MW
Net Energy	301,283 MWH
Load Factor	90.5 %
Total Cost	52,195,566 RM
Cost per Unit	17.62 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	13252	12469	12034	11680	11319	11209	11067	10942	10676	11794	12586	13212	13280	12974	13232	13331	13410	13096	12581	12520	13764	13816	13470	13235

Gas Usage

Station	(mmscfd)
CBPS	50
GLGR	32
PAKA	151
PGPS	27
SRDG	15
TJGS	223
TNB Total	500
KLPP	111
MPSS	58
PDPS	16
PGLA	118
PKLG	1
PLPS	72
PTEK	6
SGB3	66
SGRI	193
SKSP	57
YPGS	68
YPKA	101
IPP Total	865
Total Gas	1,364

Total Gas Required : 1,364
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	33,108.00	10.99 %
Gas	65,851.00	21.86 %
Hydro	5,836.00	1.94 %
Total TNB	104,795.0	34.78 %
ST-Coal	83,233.0	27.63 %
ST-Gas	59.0	0.02 %
Gas	112,718.0	37.41 %
Total IPP	196,010.0	65.06 %
Co-Gen	1,225.0	0.41 %
Total Co-Gen	1,225.0	0.41 %
Total Generation	302,030.0	100.25 %
PLTG	20.0	0.01 %
EGAT	-1.0	0.00 %
HVDC	728.0	0.24 %
Interconnection	747.0	0.25 %
Net Energy	301,283.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	200
Hydro	109
Syncon	545
Thermal	54
Total	907

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	35

Daily MW Generation On Saturday

22-Feb-2014

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
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	3	3	3	3	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3
Total Hydro		199	187	168	171	171	171	172	167	162	195	179	175	172	183	165	156	182	179	172	174	178	203	382	511
PCUF	CUFG	14	15	15	15	14	15	16	15	15	15	15	15	16	14	14	15	14	14	15	12	13	14	14	14
PCUF	CUFK	36	36	37	38	37	36	37	37	36	37	38	39	38	40	39	39	41	36	36	37	35	35	36	35
Total Co-Gen		50	51	52	53	51	51	53	52	51	52	53	54	53	55	55	55	56	51	52	50	51	50	49	50
Total Gen		13307	12737	12587	12329	12085	11839	11770	11643	11371	11326	11190	11170	11151	11209	10983	10824	10656	11271	11892	12332	12684	13068	13237	13387
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	30	30	30	31	31	31	31	31	31	31	31	30	30	30	29	29	31	31	30	30	30	30	30
TIE-PLTG		25	-47	88	4	21	-2	59	47	21	-2	-50	-21	53	-5	11	54	-50	73	69	45	67	-10	-5	
Interconnection		55	-17	118	34	51	29	90	78	52	29	-19	10	84	25	41	84	-20	102	98	76	98	20	25	
System Total		13252	12754	12469	12295	12034	11810	11680	11565	11319	11291	11209	11160	11067	11184	10942	10740	10676	11169	11794	12256	12586	13048	13212	13351
SRev ST-Coal		66	68	74	92	38	35	37	59	30	32	36	34	35	59	67	78	71	72	71	68	65	61	64	73
SRev ST-Gas		65	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		160	442	426	387	581	837	903	1023	1314	1239	1363	1368	1387	1422	1617	1754	1956	1331	708	507	168	152	151	160
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		575	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726
Hydro		249	110	130	126	126	126	124	130	134	252	117	121	124	113	131	140	114	117	124	122	118	244	114	125
S.Reserve Total		1115	1346	1356	1331	1471	1724	1790	1918	2204	2098	2242	2249	2272	2320	2541	2698	2867	2246	1629	1423	1077	1062	1084	1031