

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	4,550	MW
Hydro	1,519	MW
Distillate	0	MW
Total TNB	7,519	MW
Total IPP	10,188	MW
Total Co-Gen	85	MW
System Total	17,792	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:00

TNB Generation	5,930	MW
IPP Generation	9,771	MW
Total Set On Bus	16,800	MW
Maximum Demand	15,725	MW
Spinning Reserve	1,014	MW
Net Energy	323,806	MWH
Load Factor	85.8	%
Total Cost	60,106,024	RM
Cost per Unit	19.10	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	12526	11911	11488	11097	10784	10637	10847	11085	11488	13536	14487	15131	15103	14805	15353	15725	15718	15391	14126	13764	14957	14802	14500	13984

Gas Usage

Station	(mmscfd)
CBPS	56
GLGR	64
PAKA	144
PGPS	53
SRDG	65
TJGS	216
TNB Total	599
KLPP	105
MPSS	58
PDPS	32
PGLA	113
PKLG	82
PLPS	76
PTEK	23
SGB3	61
SGRI	206
SKSP	57
YPGS	64
YPKA	63
IPP Total	939
Total Gas	1,538

Total Gas Required : 1,538
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,512.00	10.04 %
Gas	75,168.00	23.21 %
Hydro	9,835.00	3.04 %
Total TNB	117,515.0	36.29 %
ST-Coal	86,883.0	26.83 %
ST-Gas	7,983.0	2.47 %
Gas	110,054.0	33.99 %
Total IPP	204,920.0	63.28 %
Co-Gen	2,085.0	0.64 %
Total Co-Gen	2,085.0	0.64 %
Total Generation	324,520.0	100.22 %
PLTG	79.0	0.02 %
HVDC	635.0	0.20 %
Interconnection	714.0	0.22 %
Net Energy	323,806.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	290
Hydro	106
Syncon	452
Thermal	64
Total	912

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	35

Daily MW Generation On Monday

17-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
MNOR	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PGAU	HY01	-1	82	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
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	82	-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	82	83	37	71	55	53	56	37	48	62	50	55	56	55	36	28	31	29	31	0	0	0	0	0
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
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	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total Hydro		272	438	187	257	208	205	221	229	197	254	200	210	213	227	194	178	182	178	353	373	400	604	853	
PCUF	CUFG	52	53	52	52	52	53	52	51	51	53	53	53	52	53	52	52	53	52	53	53	53	53	53	52
PCUF	CUFK	34	36	33	34	37	36	38	34	34	33	34	34	35	35	35	35	35	35	35	35	35	34	35	33
Total Co-Gen		86	89	85	86	89	88	91	86	85	84	87	87	88	87	88	87	88	87	88	85	86	87	87	
Total Gen		12438	12345	11928	11802	11468	11496	11144	11123	10851	10836	10695	10644	10859	11127	11146	11175	11511	12634	13491	13991	14483	14817	15191	
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	-29	-29	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
TIE-PLTG		-59	-29	46	39	-51	68	17	56	37	-38	28	-26	-18	4	31	59	-8	-3	-75	47	-34	-35	30	
Interconnection		-88	-58	17	70	-20	98	47	86	67	-8	58	4	12	34	61	90	23	27	-45	77	-4	-5		
System Total		12526	12493	11911	11732	11488	11398	11097	11037	10784	10844	10637	10640	10847	11093	11085	11085	11488	12607	13536	13914	14487	14822	15131	
SRev ST-Coal		63	64	78	10	11	34	50	58	46	191	155	114	76	49	52	46	96	49	44	54	49	43	48	
SRev ST-Gas		0	0	0	0	0	0	0	0	0	-13	61	48	-2	1	63	67	70	76	49	39	45	14	16	
SRev CCGT-Gas		452	231	326	530	791	646	971	987	1238	1164	1290	1405	1238	1023	967	1310	1437	659	320	326	225	215	281	
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	
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	
Syncon		726	424	726	726	726	726	726	726	726	726	726	726	575	726	726	726	726	625	539	539	539	388	388	
Hydro		29	165	114	46	95	98	80	72	104	47	102	93	90	227	107	123	119	123	150	133	99	94	224	
S.Reserve Total		1270	884	1244	1312	1623	1504	1827	1843	2114	2128	2273	2325	2191	1922	1850	2206	2441	1624	1209	1202	990	964	1020	