

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,277	MW
Hydro	1,704	MW
Distillate	0	MW
Total TNB	8,051	MW
Total IPP	10,895	MW
Total Co-Gen	56	MW
System Total	19,002	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	6,733 MW
IPP Generation	9,925 MW
Total Set On Bus	17,845 MW
Maximum Demand	16,768 MW
Spinning Reserve	1,131 MW
Net Energy	353,179 MWH
Load Factor	87.8 %
Total Cost	63,276,784 RM
Cost per Unit	18.44 cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0 MW
Date :	24/06/2014	355,911.0 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	14492	13911	13355	13043	12638	12483	12416	12240	12603	14413	15427	16085	16001	15754	16335	16678	16768	16301	15102	14649	15835	15828	15420	15234

Gas Usage

Station	(mmscfd)
CBPS	71
GLGR	59
PAKA	197
PGPS	41
SRDG	25
TJGS	216
TNB Total	609
KLPP	110
PDPS	33
PGLA	110
PKLG	17
PLPS	40
PTEK	32
SGRI	190
SKSP	38
YPGS	67
YPKA	62
IPP Total	699
Total Gas	1,308
Total Gas Required :	1,491
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	134
PLPS	49
Total	183

Generation Mix

Type	MWh	Percentage
ST-Coal	49,332.00	13.97 %
Gas	78,087.00	22.11 %
Hydro	9,742.00	2.76 %
Total TNB	137,161.0	38.84 %
ST-Coal	106,463.0	30.14 %
ST-Oil	13,231.0	3.75 %
Gas	88,611.0	25.09 %
Distillate	6,049.0	1.71 %
Total IPP	214,354.0	60.69 %
Co-Gen	1,311.0	0.37 %
Total Co-Gen	1,311.0	0.37 %
Total Generation	352,826.0	99.90 %
PLTG	-42.0	-0.01 %
HVDC	-311.0	-0.09 %
Interconnection	-353.0	-0.10 %
Net Energy	353,179.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	374
Hydro	248
Syncon	465
Thermal	62
Total	1149

	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	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	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	32	35	38	41	32	30	31	33	31	34	35	28	33	40	22	25	33	34	33	34	40	37	34	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
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		168	199	185	192	171	317	405	411	404	438	413	393	410	421	370	152	207	199	190	225	252	317	403	426
PLPS	GT11	153	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Distillate		153	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	24	24	24	24	24	24	25	24	26	25	25	24	24	24	25	25	24	26	24	26	26	26	26	26
PCUF	CUFK	31	32	32	31	30	31	31	33	32	32	33	34	33	33	34	35	34	32	32	33	30	30	29	27
Total Co-Gen		55	56	56	55	55	55	58	56	58	58	59	57	57	58	59	59	57	56	59	55	56	54	52	53
Total Gen		14562	14124	13897	13562	13366	13073	13026	12815	12665	12446	12481	12334	12389	12585	12279	12053	12501	13607	14348	14880	15265	15836	16036	16146
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	-30	-29	-29	-29	-30	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		99	66	16	-12	40	36	13	72	57	-11	27	-9	2	33	68	28	-73	-122	-36	-76	-133	-95	-20	
Interconnection		70	37	-14	-41	11	7	-17	42	27	-41	-2	-38	-27	4	39	-1	-102	-151	-65	-105	-162	-124	-49	
System Total		14492	14087	13911	13603	13355	13066	13043	12773	12638	12487	12483	12372	12416	12581	12240	12054	12603	13758	14413	14985	15427	15960	16085	16278
SRev ST-Coal		51	47	54	30	55	65	67	83	75	63	75	64	58	114	63	92	51	65	68	49	49	51	43	
SRev ST-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 ST-Oil		8	7	7	7	7	8	8	8	8	83	87	87	87	86	86	87	12	5	5	4	4	7	7	
SRev CCGT-Gas		322	603	250	405	555	983	1116	1320	1469	1659	1583	1721	1687	1446	1753	1733	1509	1016	342	395	325	261	155	
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 Distillate		-13	111	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		626	474	625	625	625	625	625	474	625	625	625	625	625	474	474	625	474	474	474	474	388	388	388	388
Hydro		130	251	114	107	128	182	94	88	95	212	86	106	89	78	129	147	243	251	109	225	198	82	96	
S.Reserve Total		1224	1593	1150	1274	1470	1863	1910	2124	2272	2491	2456	2603	2546	2349	2656	2784	2389	1911	1249	1468	1148	1191	1089	1077