

Availability At Daily Maximum Demand Hour

ST-Coal	1,730 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,109 MW
Hydro	1,428 MW
Distillate	0 MW
Total TNB	7,267 MW
Total IPP	9,618 MW
Total Co-Gen	74 MW
System Total	17,501 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30

TNB Generation	5,082 MW
IPP Generation	8,340 MW
Total Set On Bus	14,343 MW
Maximum Demand	13,478 MW
Spinning Reserve	847 MW
Net Energy	282,221 MWH
Load Factor	87.2 %
Total Cost	39,886,395 RM
Cost per Unit	14.39 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	12457	11911	11456	10967	10829	10792	10650	10410	9980	10500	11136	11796	11970	11881	12204	12327	12310	12105	11685	11984	13265	13471	13231	12764

Gas Usage

Station	(mmscfd)
CBPS	36
GLGR	58
PAKA	43
PGPS	42
SRDG	14
TJGS	219
TNB Total	411
KLPP	95
MPSS	37
PDPS	3
PGLA	110
PLPS	95
SGB3	71
SGRI	72
SKSP	54
YPGS	46
YPKA	97
IPP Total	682
Total Gas	1,094
Total Gas Required :	1,094
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	40,917.00	14.50 %
Gas	55,074.00	19.51 %
Hydro	6,116.00	2.17 %
Total TNB	102,107.0	36.18 %
ST-Coal	89,380.0	31.67 %
Gas	89,712.0	31.79 %
Total IPP	179,092.0	63.46 %
Co-Gen	1,839.0	0.65 %
Total Co-Gen	1,839.0	0.65 %
Total Generation	283,038.0	100.29 %
PLTG	89.0	0.03 %
HVDC	728.0	0.26 %
Interconnection	817.0	0.29 %
Net Energy	282,221.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	368
Hydro	164
Syncon	404
Thermal	82
Total	1018

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
TJGS	GT1A	222	222	225	225	221	221	224	224	224	224	224	224	224	224	224	224	224	224	224	224	224	224	224	224
TJGS	GT1B	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218
TJGS	ST1C	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
TJGS	GT2A	218	215	217	220	217	217	217	217	217	217	216	219	218	142	142	142	182	218	215	213	213	213	213	213
TJGS	GT2B	220	220	223	223	220	220	223	220	222	222	222	222	222	141	141	140	179	220	217	214	216	216	216	216
TJGS	ST2C	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263
Total CCGT-Gas		6624	6293	6085	5876	5653	5557	5396	5226	5206	5004	5103	4895	4974	5060	4799	4403	4400	4612	4927	5156	5451	5826	6033	6137
CBPS	GT06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT03	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 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
BSIA	HY01	12	12	12	12	11	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
CEND	HY01	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
CEND	HY03	8	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
KNRG	HY01	24	27	24	24	22	22	22	22	23	21	23	22	23	23	21	22	23	24	22	22	23	23	23	23
KNYR	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
KNYR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KNYR	HY03	59	70	61	66	59	59	58	59	60	55	61	57	61	61	56	56	55	62	61	59	58	61	61	59
LPIA	HY01	23	22	23	23	23	22	23	22	23	19	19	21	22	22	21	20	20	20	20	19	19	19	19	19
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	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	-1	81	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	89	-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	49	50	50	50	49	49	50	50	49	49	49	49	49	49	50	49	49	50	50	50	50	50
SYPS	HY01	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	24	24	24	24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	25	25	25	25	25	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	35	40	31	38	29	28	30	32	26	31	27	31	30	26	26	25	32	31	29	28	31	31	29	23
UPIA	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		321	430	318	331	394	212	210	212	218	202	215	207	216	215	203	246	251	266	217	210	208	215	215	210
PCUF	CUFG	46	46	46	46	46	47	46	46	47	47	46	47	46	47	46	47	46	47	46	45	45	45	45	44
PCUF	CUFK	34	34	34	33	32	35	35	37	36	35	37	38	38	37	36	38	38	37	36	35	29	28	28	26
Total Co-Gen		80	80	80	79	78	82	81	83	83	82	84	84	85	83	83	84	85	83	82	80	74	73	73	71
Total Gen		12465	12278	11961	11728	11456	11165	10967	10911	10829	10722	10792	10593	10650	10759	10410	9930	9980	10180	10500	10831	11136	11488	11796	11930
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	29	31	31	30	30	31	31	30	29	30	31	30	30	31	31	30	30	30	29	29	30	30	31
TIE-PLTG		-22	-16	19	-19	-34	-8	21	-25	-23	-32	31	31	14	-11	29	48	-10	13	-36	28	49	7	-23	46
Interconnection		8	13	50	12	-4	22	52	6	7	-3	61	62	44	19	60	79	21	44	-5	59	79	37	7	76
System Total		12457	12265	11911	11716	11456	11165	10967	10911	10829	10722	10792	10593	10650	10759	10410	9930	9980	10180	10500	10831	11136	11488	11796	11930
SRev ST-Coal		79	80	80	115	106	102	103	75	105	106	106	83	130	131	165	274	285	284	283	106	74	82	90	78

Daily MW Generation On Sunday

13-Apr-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																										
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 CCGT-Gas	257	209	187	176	234	330	491	661	681	883	784	992	913	827	1088	1484	1487	1275	960	971	956	631	564	540	502	516	608	348	378	269	290	298	311	236	513	719	862	917	853	259	285	157	84	212	197	292	256	291			
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	0	0	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	0	0	0	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	494	343	494	494	343	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	494	
Hydro	128	169	131	118	206	136	139	136	151	143	130	140	132	133	144	150	145	130	129	136	138	131	131	136	148	135	142	129	130	131	141	279	152	130	139	130	139	138	124	103	238	167	170	201	190	178	132	126			
S.Reserve Total	958	801	892	903	889	1062	1227	1366	1411	1626	1514	1709	1669	1585	1891	2402	2411	2183	1866	1556	1511	1187	1128	1071	1051	1069	1175	1068	1085	972	1015	1003	1035	944	1226	1427	1576	1628	1607	968	1027	847	816	978	954	1125	1051	1020			