

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,248 MW
Hydro	1,734 MW
Distillate	0 MW
Total TNB	8,052 MW
Total IPP	9,669 MW
Total Co-Gen	46 MW
System Total	17,767 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	6,953 MW
IPP Generation	9,114 MW
Total Set On Bus	17,115 MW
Maximum Demand	16,142 MW
Spinning Reserve	1,002 MW
Net Energy	331,892 MWH
Load Factor	85.7 %
Total Cost	66,171,513 RM
Cost per Unit	20.66 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	12841	12301	11792	11481	11095	11141	11626	11518	11983	13867	14827	15402	15417	15132	15758	15875	16021	15588	14495	14111	15307	15083	14542	14135

Gas Usage

Station	(mmscfd)
CBPS	82
GLGR	66
PAKA	186
PGPS	44
SRDG	51
TJGS	188
TNB Total	617
KLPP	104
MPSS	57
PDPS	28
PGLA	111
PKLG	32
PLPS	103
PTEK	39
SGB3	89
SGRI	99
SKSP	56
YPGS	67
YPKA	129
IPP Total	915
Total Gas	1,532

Total Gas Required : 1,631
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	99
Total	99

Generation Mix

Type	MWh	Percentage
ST-Coal	48,917.00	14.74 %
Gas	77,386.00	23.32 %
Hydro	11,565.00	3.48 %
Total TNB	137,868.0	41.54 %
ST-Coal	67,076.0	20.21 %
ST-Gas	2,218.0	0.67 %
ST-Oil	9,680.0	2.92 %
Gas	113,783.0	34.28 %
Total IPP	192,757.0	58.08 %
Co-Gen	1,199.0	0.36 %
Total Co-Gen	1,199.0	0.36 %
Total Generation	331,824.0	99.98 %
PLTG	-798.0	-0.24 %
HVDC	730.0	0.22 %
Interconnection	-68.0	-0.02 %
Net Energy	331,892.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	382
Hydro	264
Syncon	381
Thermal	86
Total	1113

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	33

Daily MW Generation On Wednesday

21-May-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
KNRG	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
KNRG	HY03	20	21	21	22	21	21	20	22	21	22	22	23	21	21	20	22	23	22	23	22	23	21	21	20
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	48	53	54	53	51	51	50	50	45	62	56	54	61	65	52	54	49	55	97	82	88	100	100	92
LPIA	HY02	19	19	18	19	19	19	19	19	19	19	19	19	19	19	24	24	24	24	24	24	24	24	24	24
MNOR	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	7	7	7	7	7	7	7
PGAU	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
PGAU	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
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	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	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	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	HY02	28	31	34	35	31	30	29	29	21	39	35	35	39	44	26	28	22	35	36	33	33	31	37	28
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	-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	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
Total Hydro		157	165	168	168	165	163	161	160	168	185	173	173	298	218	160	164	168	189	361	642	564	656	741	
PCUF	CUFG	15	14	14	13	13	13	14	15	14	14	14	15	14	15	14	14	10	10	9	9	10	10	10	10
PCUF	CUFK	41	41	40	39	39	39	41	40	41	38	39	40	41	40	39	40	41	38	38	38	38	37	38	36
Total Co-Gen		56	55	54	52	52	52	55	55	55	52	53	55	55	53	55	54	54	27	39	48	48	47	47	
Total Gen		12914	12307	12165	11761	11631	11493	11296	11205	11097	11196	11183	11214	11655	11678	11584	11528	12125	13121	13855	14365	14824	15172	15460	
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	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31
TIE-PLTG		43	-117	-167	-199	-192	-150	-217	-215	-30	-13	10	-60	-3	34	35	78	111	-17	-44	-4	-35	3	27	
Interconnection		72	-87	-137	-169	-162	-119	-186	-184	1	18	41	-29	28	64	65	108	141	14	-13	27	-4	33		
System Total		12842	12394	12302	11930	11793	11612	11482	11389	11096	11178	11142	11243	11627	11614	11519	11420	11984	13107	13868	14338	14828	15139	15403	
SRev ST-Coal		58	49	118	58	57	123	110	56	67	60	101	67	50	68	43	71	60	35	63	78	67	64	68	
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		1	1	1	20	37	34	65	74	75	71	70	70	71	74	63	50	6	7	6	6	6	11	9	
SRev CCGT-Gas		408	821	896	1339	1406	1395	1592	1621	1815	1678	1639	1644	1366	1283	1415	1531	1639	788	322	654	322	234	183	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	234	49	117	192	70	
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		580	580	580	580	580	580	580	429	580	580	580	429	429	580	580	580	580	474	323	474	474	474	474	474
Hydro		155	147	144	144	147	149	151	152	295	127	139	139	165	245	152	148	144	123	162	382	309	217	252	
S.Reserve Total		1202	1598	1739	2141	2227	2281	2498	2483	2681	2516	2529	2500	2081	2099	2253	2380	2429	1533	1041	1676	1227	1117	1178	