

Availability at Daily Maximum Demand Hour

ST-Coal	1,990 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,022 MW
Hydro	1,805 MW
Distillate	0 MW
Total TNB	7,817 MW
Total IPP	9,811 MW
Total Co-Gen	0 MW
Total System	18,198 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	45,997	14.14 %
Gas	58,421	17.96 %
Hydro	32,595	10.02 %
Total TNB	137,013	42.13 %
ST-Coal	97,235	29.90 %
Gas	90,274	27.76 %
Total IPP	187,509	57.66 %
Co-Gen	1,784	0.55 %
Total Co-Gen	1,784	0.55 %
Total Generation	326,306	100.33 %
PLTG	352	0.11 %
HVDC	731	0.22 %
Interconnection	1,083	0.33 %
Net Energy	325,223	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	16,757 MW
TNB Generation	6,673 MW
IPP Generation	8,907 MW
Spinning Reserve	1,105 MW
Maximum Demand	15,648 MW
Net Energy	325,223 MWH
Load Factor	86.60 %

Fuel Cost

Total Cost:	43,416,581.13 RM
Cost per Unit	14.78 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	833
Hydro	174
Syncon	71
Thermal	82
Total	1,160

Time Weather Temperature

Afternoon	Hot	34
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
CBPS	14
GLGR	54
PAKA	114
PGPS	37
SRDG	26
TJGS	207
Total TNB	451
KLPP	79
MPSS	55
PDPS	22
PGLA	103
PKLG	8
PTEK	13
SGB3	85
SGRI	189
SKSP	32
YPGS	70
YPKA	69
Total IPP	724
Total Gas	1,175
Total Gas Required	1,175

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	12993	12084	11798	11497	11189	11083	11442	11357	11778	13540	14459	14946	15024	14616	15173	15510	15533	15277	14136	13849	14868	14671	14275	13726

Daily MW Generation on Tuesday

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	
LPIA	HY02	16	16	16	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15
MNOR	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	4
PGAU	HY01	144	145	146	113	83	0	0	0	0	0	0	0	0	0	147	146	146	145	145	144	144	145	145	144	143
PGAU	HY02	143	145	147	110	81	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY03	143	115	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	151	150	148	148	145	145	145	144	144	143	143
PGAU	HY04	142	127	111	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	111	111	145	144	144	144	144	144	143	143	143
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	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	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	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	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	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	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	0
TMGR	HY01	88	89	87	89	89	88	89	89	89	88	88	88	89	88	89	89	89	89	89	89	89	89	89	89	89
TMGR	HY02	77	82	89	93	92	91	92	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
TMGR	HY03	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
TMGR	HY04	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85
UPIA	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	2
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		1527	1496	1369	1196	1136	968	972	967	1014	1038	1030	1039	1046	1095	1048	1061	1117	1205	1217	1340	1494	1571	1708	1707	1771
Total Distillate		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
PCUF	CUFG	40	41	41	39	40	41	39	40	40	39	39	40	39	39	40	40	41	39	41	39	41	39	40	40	40
PCUF	CUFK	35	37	37	36	36	36	37	35	36	35	36	35	36	35	34	35	34	34	33	33	33	33	32	32	32
Total Co-Gen		75	78	78	75	76	77	76	75	76	75	75	76	75	74	76	75	74	74	75	72	73	72	74	74	71
Total Gen		13018	12605	12131	12161	11857	11576	11486	11401	11263	11130	11159	11247	11479	11650	11428	11390	11852	12807	13569	13995	14457	14735	15003	15174	15094
TIB-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	0
TIB-HVDC		30	30	31	31	31	31	30	31	31	30	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31
TIB-PLTG		-5	6	16	25	28	-45	-41	18	43	-11	46	21	6	38	41	3	43	-35	-1	6	-33	43	26	-18	
Interconnection		25	36	47	56	59	-15	-11	48	74	20	76	52	37	68	71	33	74	-4	29	36	-2	74	57	12	
System Total		12993	12569	12084	12105	11798	11591	11497	11353	11189	11110	11083	11195	11442	11582	11357	11357	11778	12811	13540	13959	14459	14661	14946	15162	15024
SRev ST-Coal		38	32	74	80	78	74	83	156	95	80	93	93	56	45	39	34	33	17	31	11	40	46	27	21	
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
SRev CCGT-Gas		955	933	1087	435	719	839	1088	1083	1467	1652	1819	1811	1622	1511	1691	1835	1779	1210	814	628	623	569	519	551	
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	0
SRev Co-Gen		1	-2	-2	1	0	-1	0	1	0	1	1	0	1	1	2	0	1	2	2	1	2	1	4	3	4
Syncon		0	0	151	302	302	453	453	453	453	453	453	453	453	453	453	453	453	302	453	453	302	151	0	0	
Hydro		91	122	98	119	180	47	43	48	51	51	59	50	43	44	91	78	52	188	50	47	44	118	132	133	
S.Reserve Total		1085	1085	1408	937	1279	1412	1667	1741	2066	2237	2425	2407	2175	2054	2276	2400	2318	1719	1350	1140	1108	1166	898	966	