

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,501 MW
Hydro	1,615 MW
Distillate	0 MW
Total TNB	7,186 MW
Total IPP	11,517 MW
Total Co-Gen	0 MW
Total System	18,985 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,679	17.03 %
Gas	37,274	13.04 %
Hydro	6,983	2.44 %
Total TNB	92,936	32.51 %
ST-Coal	108,040	37.79 %
Gas	83,072	29.06 %
Total IPP	191,112	66.85 %
Co-Gen	1,849	0.65 %
Total Co-Gen	1,849	0.65 %
Total Generation	285,897	100.01 %
PLTG	726	0.25 %
HVDC	-700	-0.24 %
Interconnection	26	0.01 %
Net Energy	285,871	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:	21:30:00 Hour
Total Set On Bus	14,220 MW
TNB Generation	4,069 MW
IPP Generation	8,969 MW
Spinning Reserve	1,111 MW
Maximum Demand	13,136 MW
Net Energy	285,871 MWH
Load Factor	90.67 %

Fuel Cost

Total Cost:	36,097,317.79 RM
Cost per Unit	12.94 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	289
Hydro	147
Syncon	446
Thermal	27
Total	909

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	28

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	12620	12140	11703	11319	11247	10969	11000	10733	10212	10914	11564	12129	12238	12254	12387	12307	12335	12004	11702	11880	13069	13114	13066	12683

Gas Usage

Station	(mmscfd)
GLGR	55
PAKA	95
PGPS	26
SRDG	3
TJGS	105
Total TNB	284
KLPP	78
MPSS	31
PGLA	106
PLPS	75
SGRI	152
SKSP	52
YPGS	62
YPKA	91
Total IPP	646
Total Gas	930

Total Gas Required	930
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Alternate Fuel Usage

Station	(mmscfd)
Total	0

Daily MW Generation on Sunday

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																										
TIE-PLTG		69	-4	86	-3	0	10	15	2	47	17	82	29	-2	25	125	56	65	-12	70	52	-5	61	14	-45	1	69	-15	41	50	18	62	37	62	71	23	34	110	4	-9	-62	2	66	69	2	21	-24	62	3		
Interconnection		39	-33	57	-31	-31	-19	-15	-27	19	-12	53	-1	-32	-4	96	26	36	-42	40	23	-34	32	-15	-75	-29	40	-44	12	21	-11	33	7	32	41	-6	6	82	-25	-38	-91	-27	37	40	-28	-9	-53	33	-25		
System Total		12619	12383	12140	11908	11704	11584	11320	11138	11246	11230	10969	10968	11001	11057	10732	10228	10212	10669	10914	11177	11565	11892	12130	12279	12239	12153	12255	12265	12386	12406	12306	12318	12335	12250	12004	11802	11702	11840	11880	12891	13070	13129	13114	13137	13067	12949	12682	12493		
SRev ST-Coal		49	49	65	48	35	36	35	42	72	21	45	30	33	32	75	525	533	346	53	16	20	34	27	37	29	27	33	34	47	32	65	31	31	20	27	46	50	26	24	0	33	25	32	36	22	51	35	28		
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 CCGT-Gas		336	445	360	221	667	775	1024	1218	1030	1133	1325	1377	1377	1291	1463	1486	1468	1336	1275	1087	732	423	233	153	373	385	448	305	193	227	299	350	283	370	589	757	828	868	898	464	532	573	464	397	408	264	405	667		
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	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		2	3	2	2	2	1	1	1	2	1	-7	-3	-6	-7	-5	-7	-8	-8	-6	-8	-6	-6	-6	-4	-5	-4	-7	-5	-1	-3	-4	0	0	-3	3	4	5	3	7	9	7	7	5	5	2	1	-3	-5		
Syncon		723	622	622	622	622	622	622	622	471	622	622	622	622	622	622	471	622	471	723	487	487	573	573	573	573	573	573	573	573	573	487	638	638	638	638	638	638	638	638	573	555	487	638	488	574	387	638	638		
Hydro		215	144	152	144	115	115	122	115	118	114	253	116	114	118	126	125	124	237	111	243	149	271	282	261	94	100	156	160	280	275	227	220	89	92	153	155	163	148	264	149	85	272	147	155	138	183	142	136		
S.Reserve Total		1325	1363	1301	1137	1441	1549	1809	2003	1849	1896	2092	2147	2145	2061	2286	2756	2744	2387	2060	1814	1623	1214	1023	1020	1064	1081	1203	1067	1092	1104	1160	1088	1046	1122	1415	1605	1689	1688	1836	1200	1214	1392	1314	1111	1221	886	1217	1464		