

Availability at Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,715 MW
Hydro	1,731 MW
Distillate	0 MW
Total TNB	7,516 MW
Total IPP	11,038 MW
Total Co-Gen	0 MW
Total System	18,554 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,892	15.16 %
Gas	54,910	17.02 %
Hydro	11,277	3.50 %
Total TNB	115,079	35.68 %
ST-Coal	92,785	28.77 %
ST-Gas	11,296	3.50 %
Gas	102,637	31.82 %
Total IPP	206,718	64.09 %
Co-Gen	1,259	0.39 %
Total Co-Gen	1,259	0.39 %
Total Generation	323,056	100.15 %
PLTG	-232	-0.07 %
HVDC	728	0.23 %
Interconnection	496	0.15 %
Net Energy	322,560	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:	11:30:00 Hour
Total Set On Bus	16,476 MW
TNB Generation	5,391 MW
IPP Generation	10,036 MW
Spinning Reserve	1,014 MW
Maximum Demand	15,481 MW
Net Energy	322,560 MWH
Load Factor	86.82 %

Fuel Cost

Total Cost:	51,351,510.22 RM
Cost per Unit	16.47 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	376
Hydro	198
Syncon	391
Thermal	37
Total	1,002

Time	Weather	Temperature
Afternoon	Cloudy	33
Morning	Sunny	26

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	12629	12162	11710	11346	11181	10947	11279	11489	11977	13674	14591	15281	15273	14782	15152	15255	15114	14768	13847	14233	14563	14197	13641	13057

Gas Usage

Station	(mmscfd)
CBPS	40
GLGR	57
PAKA	49
PGPS	34
SRDG	12
TJGS	214
Total TNB	407

Alternate Fuel Usage

Station	(mmscfd)
Total	0

KLPP	100
MPSS	59
PDPS	11
PGLA	93
PKLG	3
PLPS	98
PTEK	4
SGB3	83
SGRI	168
SKSP	50
YPGS	70
YPKA	70
PKLG	111
Total IPP	918
Total Gas	1,325
Total Gas Required	1,325

Daily MW Generation on Thursday

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	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	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	50	50	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	28	28	28	30	32	29	26	29	27	32	39	47	42	52	28	30	29	29	26	54	53	81	59	60
TMGR	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
TMGR	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
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
UPIA	HY01	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
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
Total Hydro		729	729	324	190	195	187	184	180	166	176	196	268	263	481	411	187	178	188	184	488	614	838	801	838
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
PCUF	CUFK	42	42	42	41	45	47	43	47	46	47	45	46	47	46	49	46	46	44	21	2	0	0	0	0
PCUF	CUFK	35	36	36	36	35	34	35	35	36	35	34	34	35	35	33	34	34	35	36	34	33	34	34	33
Total Co-Gen		77	78	78	77	80	81	78	82	82	82	79	80	82	81	85	80	81	78	56	37	33	34	34	35
Total Gen		12633	12347	12206	11811	11723	11552	11358	11278	11236	11167	10989	11196	11316	11660	11510	11466	11975	12993	13704	14382	14618	15023	15303	15462
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		31	31	31	31	31	31	31	31	31	30	30	31	31	30	30	30	30	30	31	31	31	31	31	31
TIE-PLTG		-26	-1	13	-23	-18	-10	-19	-22	-25	71	11	-104	6	-45	-9	-10	-33	-18	0	27	-2	-49	-8	-49
Interconnection		4	29	44	8	13	21	12	8	55	101	42	-73	37	-15	21	19	-2	11	30	56	27	-19	22	
System Total		12629	12318	12162	11803	11710	11531	11346	11270	11181	11066	10947	11269	11279	11675	11489	11447	11977	12982	13674	14326	14591	15042	15281	15481
SRV ST-Coal		6	22	44	82	14	76	42	1	111	91	38	26	32	17	27	22	54	27	35	28	27	32	34	
SRV 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
SRV CCGT-Gas		774	835	617	647	837	1137	1400	1648	1788	1924	1974	1509	1584	1404	1508	1148	726	450	381	296	112	143	183	
SRV ST-Gas		-1	-1	42	77	73	73	73	73	73	73	73	73	73	73	81	17	3	-1	-5	-15	-9	-15	-2	
SRV Co-Gen		-1	-2	-2	-1	-4	-5	-2	-6	-6	-6	-3	-4	-6	-5	-9	-4	-5	-2	20	39	43	42	42	
Syncon		478	478	629	730	730	730	730	730	730	730	579	579	428	428	730	730	730	730	403	403	403	403	403	
Hydro		140	140	94	127	121	131	134	134	148	138	118	197	202	135	205	127	136	129	133	251	410	186	323	
S.Reserve Total		1396	1472	1424	1662	1771	2142	2377	2880	2844	2950	2930	2723	2601	2157	2308	2352	2504	2049	1647	1170	1289	972	1004	