

Availability at Daily Maximum Demand Hour

ST-Coal	2,020 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,799 MW
Hydro	1,705 MW
Distillate	0 MW
Total TNB	7,524 MW
Total IPP	10,220 MW
Total Co-Gen	76 MW
Total System	18,105 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	48,147	15.40 %
Gas	53,929	17.25 %
Hydro	10,131	3.24 %
Total TNB	112,207	35.90 %
ST-Coal	101,669	32.53 %
Gas	96,699	30.94 %
Total IPP	198,368	63.46 %
Co-Gen	1,460	0.47 %
Total Co-Gen	1,460	0.47 %
Total Generation	312,035	99.83 %
PLTG	69	0.02 %
HVDC	-613	-0.20 %
Interconnection	-544	-0.17 %
Net Energy	312,579	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:	14:30:00 Hour
Total Set On Bus	16,006 MW
TNB Generation	5,267 MW
IPP Generation	9,637 MW
Spinning Reserve	1,039 MW
Maximum Demand	15,037 MW
Net Energy	312,579 MWH
Load Factor	86.61 %

Fuel Cost

Total Cost:	42,959,095.94 RM
Cost per Unit	14.22 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	260
Hydro	254
Syncon	379
Thermal	40
Total	933

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	21

Gas Usage

Station	(mmscfd)
CBPS	10
GLGR	57
PAKA	49
PGPS	43
SRDG	17
TJGS	222
Total TNB	397

KLPP	106
MPSS	54
PDPS	12
PGLA	99
PKLG	18
PLPS	100
PTEK	8
SGB3	74
SGRI	190
SKSP	39
YPGS	68
Total IPP	768

Total Gas	1,165
Total Gas Required	1,165

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	11663	11243	10901	10592	10302	10366	10415	10737	11470	13332	14337	14882	14838	14468	14886	14991	15036	14587	13709	13954	14347	14075	13587	13082



Daily MW Generation on Monday

Table with 24 columns (Station, Unit, 0000-2300) and 45 rows (YPGS, PLPS, SKSP, TJGS, CBPS, PDPS, PKLG, PTEK, SRDG, BSIA, CEND, KNRG, KNYR, LPJA, MNOR, PGAU, SIHY, SYPS). Each cell contains a numerical value representing MW generation.

Daily MW Generation on Monday

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
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	29	34	30	33	35	32	31	30	29	33	30	28	28	42	39	27	36	31	26	29	27	19	78	37
TMGR	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
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
UPIA	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
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		179	193	183	190	191	187	185	217	179	185	203	200	179	225	231	181	189	208	277	600	845	812	839	889
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	CUFG	22	23	22	23	23	23	22	23	23	23	22	23	23	24	25	27	27	28	28	29	34	37	36	37
PCUF	CUFK	34	34	37	37	37	36	35	34	35	34	33	37	34	34	33	36	38	37	35	35	31	29	28	27
Total Co-Gen		56	57	59	60	60	59	58	56	58	57	56	59	57	56	59	62	61	60	62	58	57	56	62	65
Total Gen		11743	11590	11292	11008	10881	10784	10591	10500	10268	10356	10355	10313	10346	10624	10655	10880	11423	12608	13271	13799	14251	14621	14817	14922
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	30	31	-29	-30	-30	-29	-29	-30	-30	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-30
TIE-PLTG		50	2	18	-25	10	11	28	13	-4	-7	17	4	-40	-98	-54	21	-17	-20	-32	-62	-57	10	-36	
Interconnection		80	32	49	-53	-20	-19	-1	-16	-34	-37	-11	-24	-69	-127	-82	-8	-47	-50	-61	-92	-86	-20	-65	
System Total		11663	11558	11243	11061	10901	10803	10592	10516	10302	10393	10366	10337	10415	10751	10737	10888	11470	12658	13332	13891	14337	14641	14882	15013
SRev ST-Coal		60	45	52	50	58	47	45	47	51	30	32	53	21	16	36	34	58	50	46	63	54	65	54	32
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
SRev CCGT-Gas		606	589	522	816	706	809	1001	1120	1312	1250	1266	1430	1406	1390	1344	1317	1768	1082	491	256	194	239	113	
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 Co-Gen		20	19	17	16	16	17	18	20	18	19	20	17	19	19	20	17	14	15	16	14	18	19	20	20
Syncon		719	719	719	719	719	719	719	719	568	719	568	719	568	719	568	719	568	719	568	719	568	417	417	266
Hydro		140	126	136	128	128	132	134	253	139	133	267	270	140	245	239	138	130	111	117	181	236	269	242	343
S.Reserve Total		1545	1498	1446	1729	1627	1724	1917	2008	2239	2151	2153	2338	2305	2238	2207	2225	2689	1977	1389	1082	919	1138	934	929