

Availability at Daily Maximum Demand Hour

ST-Coal	2,185 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,024 MW
Hydro	1,840 MW
Distillate	0 MW
Total TNB	8,049 MW
Total IPP	11,469 MW
Total Co-Gen	0 MW
Total System	20,088 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	49,963	16.51 %
Gas	38,195	12.62 %
Hydro	11,420	3.77 %
Total TNB	99,578	32.91 %
ST-Coal	113,108	37.39 %
Gas	89,026	29.43 %
Total IPP	202,134	66.81 %
Co-Gen	1,232	0.41 %
Total Co-Gen	1,232	0.41 %
Total Generation	302,944	100.13 %
PLTG	1,074	0.35 %
HVDC	-669	-0.22 %
Interconnection	405	0.13 %
Net Energy	302,539	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	14,825 MW
TNB Generation	4,759 MW
IPP Generation	8,949 MW
Spinning Reserve	1,071 MW
Maximum Demand	13,805 MW
Net Energy	302,539 MWH
Load Factor	91.31 %

Fuel Cost

Total Cost:	36,978,133.28 RM
Cost per Unit	12.68 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	284
Hydro	298
Syncon	551
Thermal	24
Total	1,157

Time Weather Temperature

Afternoon	Hot	35
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
CBPS	2
GLGR	54
SRDG	9
TJGS	207
Total TNB	271
KLPP	106
PDPS	3
PGLA	101
PKLG	2
PLPS	96
SGRI	169
SKSP	0
YPGS	70
YPKA	136
Total IPP	682
Total Gas	954
Total Gas Required	954

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	13216	12581	12023	11790	11376	11198	11342	11324	11309	12320	13029	13536	13448	13374	13606	13732	13695	13264	12497	12387	13298	13169	12768	12479



Wednesday, February 18, 2015

Daily MW Generation on Wednesday

Table with columns: Station, Unit, 0000-2300. Rows include Total CCGT-Gas, BSIA, CEND, KNRG, KNYR, LPIA, MNOR, PGAU, SIHY, SYPS, TMGR, UPIA, Total Hydro, Total Distillate, PCUF, Total Co-Gen, and Total Gen.

Daily MW Generation on Wednesday

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		72	35	97	-2	82	87	7	60	69	7	53	24	7	21	26	65	71	47	70	90	51	38	17	44	49	46	43	31	37	-22	45	58	30	55	31	60	-70	56	55	-2	11	65	49	39	117	82	52	92				
Interconnection		43	5	68	-31	53	58	-22	31	39	-22	24	-5	-23	-7	-3	36	42	17	41	61	22	9	-12	15	20	17	14	1	7	-51	16	29	1	27	2	32	-99	27	25	-31	-18	36	20	9	87	112	22	63				
System Total		13216	12841	12581	12442	12023	11889	11790	11489	11376	11345	11198	11305	11342	11275	11324	11275	11309	11875	12320	12681	13029	13203	13536	13675	13448	13407	13374	13421	13606	13805	13732	13776	13695	13606	13264	12734	12497	12173	12387	13043	13298	13218	13169	12946	12768	12500	12479	12206				
SRov ST-Coal		29	24	30	8	14	28	38	29	22	17	41	9	8	20	18	29	42	18	38	40	27	19	31	27	29	33	28	31	19	13	25	23	23	16	38	20	9	21	18	13	19	16	7	18	40	52	4	20				
SRov 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	33	34	34	34	34	62	102	141	141	142	106	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRov CCGT-Gas		562	444	356	473	799	881	1039	1267	1339	1429	1529	1498	1451	1495	1471	1401	1336	1113	742	492	249	288	74	107	156	100	102	105	114	117	170	101	101	104	138	260	513	707	482	201	229	124	317	365	437	545	381	446				
SRov 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		
SRov Co-Gen		25	26	25	23	22	23	24	19	23	24	26	24	24	20	23	21	23	20	23	23	19	25	26	24	26	27	26	27	28	30	28	29	30	28	27	25	24	24	24	24	26	26	23	24	23	26	26	27				
Syncon		385	385	385	637	637	637	637	335	637	637	486	637	637	637	486	719	719	719	719	568	618	316	316	316	316	618	467	618	618	618	618	467	618	618	618	618	618	719	568	719	719	719	719	467	618	618	467	618	467			
Hydro		463	444	493	236	240	172	182	418	152	158	284	120	149	148	269	107	117	109	110	328	218	578	506	571	593	231	397	206	262	191	276	390	346	173	201	318	144	285	150	111	105	196	329	149	156	297	159	300				
S.Reserve Total		1464	1323	1289	1377	1712	1741	1920	2068	2173	2265	2366	2288	2269	2320	2267	2277	2237	1979	1632	1451	1131	1226	953	1078	1154	1043	1054	1021	1103	1071	1258	1151	1260	1045	1147	1241	1409	1605	1393	1068	1098	1124	1188	1174	1274	1387	1188	1260				