

Availability at Daily Maximum Demand Hour

ST-Coal	1,690 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,899 MW
Hydro	1,831 MW
Distillate	0 MW
Total TNB	7,420 MW
Total IPP	10,859 MW
Total Co-Gen	0 MW
Total System	18,849 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	39,477	12.22 %
Gas	55,311	17.11 %
Hydro	12,185	3.77 %
Total TNB	106,973	33.10 %
ST-Coal	118,165	36.56 %
Gas	98,205	30.39 %
Total IPP	216,370	66.95 %
Co-Gen	1,250	0.39 %
Total Co-Gen	1,250	0.39 %
Total Generation	324,593	100.44 %
PLTG	701	0.22 %
HVDC	717	0.22 %
Interconnection	1,418	0.44 %
Net Energy	323,175	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:	16:30:00 Hour
Total Set On Bus	16,679 MW
TNB Generation	5,326 MW
IPP Generation	10,243 MW
Spinning Reserve	1,062 MW
Maximum Demand	15,561 MW
Net Energy	323,175 MWH
Load Factor	86.53 %

Fuel Cost

Total Cost:	45,701,828.19 RM
Cost per Unit	14.63 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	329
Hydro	293
Syncon	284
Thermal	24
Total	930

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Rainy	35
Morning	Sunny	25

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	12507	11839	11394	11203	10976	10770	11052	11203	11730	13646	14637	15222	15190	14916	15337	15425	15548	15141	14135	14275	14719	14523	13896	13526

Gas Usage

Station	(mmscfd)
GLGR	55
PAKA	48
PGGS	18
PGPS	50
SRDG	31
TJGS	216
Total TNB	418
KLPP	102
MPSS	59
PDPS	18
PGLA	96
PKLG	5
PLPS	95
PTEK	11
SGB3	76
SGRI	190
SKSP	51
YPGS	70
Total IPP	772
Total Gas	1,190
Total Gas Required	1,190

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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
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
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
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
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	24	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	25	25	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	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	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
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	-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	38	33	32	33	30	28	32	21	37	35	32	32	37	39	37	34	33	36	33	39	33	35	32	31
UPIA	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		288	281	225	226	244	218	224	208	232	251	256	247	229	209	208	203	202	229	241	457	667	890	913	969
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	21	22	23	23	21	20	22	20	21	20	21	21	21	23	20	19	19	22	22	21	19	20	18	17
PCUF	CUFK	34	36	35	35	35	35	34	35	34	33	33	34	35	37	35	34	33	33	32	32	31	29	29	28
Total Co-Gen		55	58	58	58	56	55	56	55	55	53	54	55	55	56	58	58	54	52	52	54	54	52	48	49
Total Gen		12503	12153	11907	11712	11463	11411	11306	11143	11012	10844	10936	10903	11014	11225	11205	11389	11729	12873	13688	14158	14692	14956	15294	15486
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	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
TIE-PLTG		-35	-23	38	-8	39	93	72	104	5	34	136	84	-38	-18	-29	45	-33	25	11	20	24	0	42	
Interconnection		-4	7	68	22	69	123	103	135	36	65	166	114	-38	12	2	76	-1	56	42	51	55	31	72	
System Total		12507	12146	11839	11690	11394	11288	11203	11008	10976	10779	10770	10789	11052	11213	11203	11313	11730	12817	13646	14107	14637	14925	15222	15427
SRev ST-Coal		17	29	37	23	25	31	8	30	31	24	24	25	18	13	20	12	12	13	34	47	17	12	19	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	34	88	91	118	206	
SRev CCGT-Gas		516	490	672	882	1147	1165	1298	1424	1577	1631	1542	1566	1585	1359	1372	1193	1222	726	568	397	230	140	157	
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		21	18	18	18	18	20	21	20	21	21	23	22	21	21	20	18	18	22	24	24	22	22	24	
Syncon		724	724	724	724	573	724	724	724	724	573	573	573	573	724	724	724	724	573	573	422	422	271	184	
Hydro		102	109	101	100	233	108	103	119	94	226	221	230	248	117	119	123	124	248	262	272	311	346	411	
S.Reserve Total		1380	1370	1552	1747	1996	2048	2154	2317	2447	2475	2383	2416	2445	2234	2255	2070	2100	1582	1461	1168	1036	879	886	