

Availability at Daily Maximum Demand Hour

ST-Coal	2,630 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,734 MW
Hydro	1,675 MW
Distillate	0 MW
Total TNB	8,039 MW
Total IPP	10,496 MW
Total Co-Gen	0 MW
Total System	18,535 MW

Generation Mix

Type	MWh	Percentage
ST-Coal	59,351	17.82 %
Gas	65,661	19.72 %
Hydro	9,043	2.72 %
Total TNB	134,055	40.26 %
ST-Coal	85,144	25.57 %
ST-Gas	1,845	0.55 %
Gas	110,328	33.13 %
Total IPP	197,317	59.25 %
Co-Gen	2,116	0.64 %
Total Co-Gen	2,116	0.64 %
Total Generation	333,488	100.15 %
PLTG	76	0.02 %
HVDC	408	0.12 %
Interconnection	484	0.15 %
Net Energy	333,004	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	17,276 MW
TNB Generation	6,824 MW
IPP Generation	9,057 MW
Spinning Reserve	1,306 MW
Maximum Demand	15,967 MW
Net Energy	333,004 MWH
Load Factor	86.90 %

Fuel Cost

Total Cost:	54,469,280.86 RM
Cost per Unit	16.80 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	418
Hydro	274
Syncon	544
Thermal	61
Total	1,297

Time	Weather	Temperature
Afternoon	Rainy	29
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
CBPS	29
CBPS	30
GLGR	55
PAKA	142
SRDG	29
TJGS	223
Total TNB	507
KLPP	100
MPSS	65
PDPS	19
PGLA	112
PLPS	94
PTEK	13
SGRI	194
SKSP	53
YPGS	70
YPKA	138
PKLG	18
Total IPP	876
Total Gas	1,383
Total Gas Required	1,383

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	13109	12485	12136	11671	11525	11464	11645	11608	12161	13894	14770	15439	15560	15311	15735	15844	15793	15363	14434	14080	14931	14889	14288	13778

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	
PGAU	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	
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
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	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	
JMGR	HY01	35	32	31	33	31	31	28	35	30	33	29	32	32	41	30	31	35	35	39	35	82	84	83	88	77
TMGR	HY02	33	-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	34	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	4	4	4	4	4	4	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		358	173	172	173	170	168	162	176	189	172	166	171	171	192	166	244	250	270	421	441	649	759	820	908	
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	43	42	42	44	44	43	46	48	47	48	50	51	49	51	50	49	49	49	49	47	47	49	48	48	
PCUF	CUFK	40	41	40	39	41	40	40	41	40	40	42	40	41	41	40	41	40	41	41	40	41	40	39	39	
Total Co-Gen		83	83	82	83	85	83	86	89	87	88	89	88	91	92	90	91	92	90	89	90	87	88	88	89	
Total Gen		13122	12819	12537	12182	12107	11923	11717	11656	11519	11585	11409	11540	11639	11869	11644	11603	12109	13085	13948	14580	14803	15227	15470		
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		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TIE-PLTG		13	13	52	0	-29	-10	46	-69	-6	-9	-55	23	-6	-47	35	21	-52	-33	54	-50	33	-13	1		
Interconnection		13	13	52	0	-29	-10	46	-68	-6	-9	-55	23	-6	-46	36	21	-52	-33	54	-50	33	17	31		
System Total		13109	12806	12485	12182	12136	11933	11671	11724	11525	11594	11464	11517	11645	11915	11608	11582	12161	13118	13894	14430	14770	15210	15439		
SRev ST-Coal		103	85	96	119	119	118	139	114	108	94	84	88	97	91	101	79	-5	77	136	119	37	99	50		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	76	200	185		
SRev CCGT-Gas		447	575	593	473	547	728	910	1013	1167	1099	1280	1149	1044	842	1029	1171	1182	651	317	234	207	259	245		
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		
SRev Co-Gen		-7	-7	-6	-7	-9	-7	-10	-13	-11	-12	-13	-12	-15	-16	-14	-15	-16	-14	-13	-14	-11	-12	-14		
Syncon		535	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723		
Hydro		316	132	133	132	133	135	141	128	265	132	137	133	132	111	135	133	126	256	131	197	63	57	230		
S.Reserve Total		1394	1508	1539	1440	1513	1697	1903	1965	2101	2036	2211	2081	1981	1751	1974	2091	2010	1542	1193	1227	994	1225	1316		