

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,583 MW
Hydro	1,950 MW
Distillate	0 MW
Total TNB	5,533 MW
Total IPP	15,722 MW
Total Co-Gen	45 MW
Total System	21,300 MW

Generation Mix

Type	MWh	Percentage
Gas	61,762	17.60 %
Hydro	6,887	1.96 %
Total TNB	68,649	19.56 %
ST-Coal	202,039	57.57 %
ST-Oil	11,070	3.15 %
Gas	69,258	19.73 %
Total IPP	282,367	80.46 %
Co-Gen	667	0.19 %
Total Co-Gen	667	0.19 %
Total Generation	351,683	100.21 %
PLTG	9	0.00 %
HVDC	719	0.20 %
Interconnection	728	0.21 %
Net Energy	350,955	100.00 %

Maximum Demand Record

Date: 4/20/2016	17,788 MW
Date: 4/20/2016	372,457 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:00:00 Hour
Total Set On Bus	18,175 MW
TNB Generation	3,560 MW
IPP Generation	13,021 MW
Spinning Reserve	1,569 MW
Maximum Demand	16,575 MW
Net Energy	350,955 MWH
Load Factor	88.22 %

Fuel Cost

Total Cost:	46,542,149.40 RM
Cost per Unit	13.50 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	520
Hydro	316
Syncon	895
Thermal	177
Total	1,908

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	26

Gas Usage

Station	(mmscfd)
CBPS	28
GLGR	29
PAKA	178
PGPS	40
TJGS	200
Total TNB	475
CBPS	48
KLPP	92
MPSS	48
NPRI	128
PGLA	86
PLPS	30
PTEK	10
SGRI	72
Total IPP	514
Total Gas	989
Total Gas Required	1,098

Alternate Fuel Usage

Station	(mmscfd)
PKLG	109
Total	109

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	14416	13620	13145	12725	12490	12252	12411	12410	12760	14511	15541	16124	16066	15776	16191	16575	16565	16005	14843	14690	15719	15570	15129	14857

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	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
UJLI	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	
UPLA	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	
Total Hydro		173	169	173	173	170	194	172	176	174	175	167	186	167	174	170	160	178	205	292	357	323	302	450	467	
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	7	8	8	8	9	7	7	8	7	9	7	7	9	8	8	8	9	8	8	6	7	6	6	7	
PCUF	CUFK	18	18	19	19	18	19	18	18	18	18	18	19	17	18	19	17	17	18	18	17	19	19	19	19	
Total Co-Gen		25	26	27	27	27	26	25	26	25	27	25	25	28	27	25	26	28	25	25	24	25	23	25	25	
Total Gen		14431	13959	13646	13428	13148	12934	12751	12678	12551	12449	12306	12354	12432	12651	12480	12313	12727	13819	14529	15025	15539	15857	16110	16199	
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	30	30	29	29	30	30	31	31	30	30	30	31	31	29	29	31	31	31	31	30	30	30	30	
TIE-PLTG		-16	-38	-4	-7	-26	-17	-4	-19	30	20	24	23	-9	-36	40	21	-62	-24	-13	-10	-32	-20	-44	-48	
Interconnection		15	-8	26	22	3	13	26	12	61	50	54	53	21	-5	70	51	-33	7	18	21	-2	10	-14	-18	
System Total		14416	13967	13620	13406	13145	12921	12725	12666	12490	12399	12252	12301	12411	12656	12410	12262	12760	13812	14511	15004	15541	15847	16124	16217	
SRev ST-Coal		183	239	297	322	326	328	336	500	490	515	494	482	485	516	359	302	198	196	179	186	201	130	186	143	
SRev ST-Oil		2	2	4	3	4	35	76	72	72	73	73	73	72	72	77	35	9	-7	0	0	28	1	0	1	0
SRev OCCT-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 CCCT-Gas		876	1073	895	1089	1386	1651	1669	1532	1662	1739	1893	1884	1803	1601	1782	1916	1679	1280	1147	943	674	402	284	255	
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	18	18	18	19	20	19	20	18	20	20	17	18	20	19	17	20	20	21	20	22	20	20	
Syncon		963	963	963	963	963	812	963	963	963	963	812	963	963	963	805	956	956	956	837	837	830	805	963	963	
Hydro		278	282	278	278	281	408	279	275	277	276	284	416	284	277	281	291	273	246	491	275	309	330	352	235	
S.Reserve Total		2322	2578	2455	2673	2978	3253	3343	3361	3484	3584	3727	3687	3625	3408	3603	3777	3363	2888	2696	2400	2131	1896	1694	1505	