

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,594 MW
Hydro	1,911 MW
Distillate	0 MW
Total TNB	5,505 MW
Total IPP	14,848 MW
Total Co-Gen	27 MW
Total System	20,665 MW

Generation Mix

Type	MWh	Percentage
Gas	49,628	14.08 %
Hydro	11,043	3.13 %
<b>Total TNB</b>	<b>60,671</b>	<b>17.22 %</b>
ST-Coal	186,711	52.98 %
Gas	103,545	29.38 %
<b>Total IPP</b>	<b>290,256</b>	<b>82.37 %</b>
Co-Gen	321	0.09 %
<b>Total Co-Gen</b>	<b>321</b>	<b>0.09 %</b>
<b>Total Generation</b>	<b>351,248</b>	<b>99.68 %</b>
PLTG	-442	-0.13 %
HVDC	-698	-0.20 %
<b>Interconnection</b>	<b>-1,140</b>	<b>-0.32 %</b>
<b>Net Energy</b>	<b>352,388</b>	<b>100.00 %</b>

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:	15:30:00 Hour
Total Set On Bus	17,989 MW
TNB Generation	3,518 MW
IPP Generation	13,156 MW
Spinning Reserve	1,315 MW
Maximum Demand	16,702 MW
Net Energy	352,388 MWH
Load Factor	87.91 %

Fuel Cost

Total Cost:	44,909,354.95 RM
Cost per Unit	13.20 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	428
Hydro	328
Syncon	508
Thermal	188
<b>Total</b>	<b>1,452</b>

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	27

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	14360	13673	13172	12696	12540	12440	12416	12094	12737	14586	15454	16058	16010	15721	16363	16634	16605	15996	15114	14817	15603	15917	15530	15190

Gas Usage

Station	(mmscfd)
GLGR	53
PAKA	46
PGPS	42
SRDG	17
TJGS	212
<b>Total TNB</b>	<b>370</b>
CBPS	53
KLPP	98
MPSS	51
NPRI	144
PGLA	110
PKLG	4
PLPS	90
PTEK	23
SGRI	153
SKSP	49
<b>Total IPP</b>	<b>774</b>
<b>Total Gas</b>	<b>1,145</b>
<b>Total Gas Required</b>	<b>1,145</b>

Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>





### 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
UPIA	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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		175	177	178	176	176	194	173	175	173	175	178	176	178	176	200	176	173	175	362	390	805	951	1022	844
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	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	CUFK	14	14	13	15	11	14	13	13	14	13	14	13	13	14	14	14	13	14	14	12	15	15	13	14
Total Co-Gen		14	14	13	15	11	14	13	13	14	13	14	13	13	15	14	16	14	14	14	12	15	15	13	14
Total Gen		14336	13969	13675	13370	13127	12818	12662	12551	12486	12493	12412	12337	12374	12380	12072	12103	12718	13847	14547	15172	15398	15820	16048	
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		-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		5	-42	32	4	-16	6	-6	-10	-24	-2	1	-54	-12	-18	7	-27	10	9	-10	47	-26	9	19	
Interconnection		-24	-71	2	-24	-45	-22	-34	-39	-54	-31	-28	-84	-42	-46	-22	-56	-19	-20	-39	18	-56	-19	-10	
System Total		14360	14040	13673	13294	13172	12840	12696	12590	12540	12524	12440	12421	12416	12426	12094	12159	12737	13867	14586	15154	15454	15839	16058	
SRev ST-Coal		133	228	217	218	233	225	222	225	236	229	231	219	228	226	234	230	234	238	233	183	145	138	128	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	71	16	43	
SRev CCGT-Gas		632	836	1107	1438	1563	1901	2037	2147	2201	2205	2289	2372	1861	1857	2158	2157	2050	1223	678	538	391	554	453	
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		13	13	14	12	16	13	14	14	13	14	13	14	14	12	13	11	13	13	13	15	12	12	14	
Syncon		951	951	825	825	825	674	825	825	825	825	825	825	825	825	674	825	825	825	655	504	302	302	302	
Hydro		131	129	129	131	131	264	134	132	134	132	129	131	129	131	131	258	131	134	132	242	365	527	381	
S.Reserve Total		1860	2157	2292	2624	2768	3077	3232	3343	3409	3405	3487	3561	3057	3051	3361	3330	3253	2433	1881	1714	1488	1549	1321	