

#### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,624 MW
Hydro	2,052 MW
Distillate	0 MW
<b>Total TNB</b>	<b>5,676 MW</b>
<b>Total IPP</b>	<b>14,126 MW</b>
<b>Total Co-Gen</b>	<b>20 MW</b>
<b>Total System</b>	<b>20,386 MW</b>

#### Generation Mix

Type	MWh	Percentage
Gas	66,532	18.51 %
Hydro	9,471	2.64 %
<b>Total TNB</b>	<b>76,003</b>	<b>21.15 %</b>
ST-Coal	167,129	46.50 %
Gas	115,456	32.12 %
<b>Total IPP</b>	<b>282,585</b>	<b>78.62 %</b>
Co-Gen	368	0.10 %
<b>Total Co-Gen</b>	<b>368</b>	<b>0.10 %</b>
<b>Total Generation</b>	<b>358,956</b>	<b>99.87 %</b>
PLTG	245	0.07 %
HVDC	-698	-0.19 %
<b>Interconnection</b>	<b>-453</b>	<b>-0.13 %</b>
<b>Net Energy</b>	<b>359,409</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:	16:30:00 Hour
Total Set On Bus	18,385 MW
TNB Generation	3,941 MW
IPP Generation	13,066 MW
Spinning Reserve	1,361 MW
Maximum Demand	17,007 MW
Net Energy	359,409 MWH
Load Factor	88.05 %

#### Fuel Cost

Total Cost:	49,643,020.45 RM
Cost per Unit	14.20 cents/kWH

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	593
Hydro	225
Syncon	722
Thermal	167
<b>Total</b>	<b>1,707</b>

#### Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	27

#### Gas Usage

Station	(mmscfd)
CBPS	37
GLGR	59
PAKA	141
PGPS	42
SRDG	11
TJGS	215
<b>Total TNB</b>	<b>504</b>

CBPS	50
KLPP	99
MPSS	51
NPRI	149
PDPS	17
PGLA	108
PKLG	10
PLPS	92
PTEK	28
SGB3	55
SGRI	187
SKSP	36
<b>Total IPP</b>	<b>882</b>
<b>Total Gas</b>	<b>1,386</b>

**Total Gas Required 1,386**

#### Alternate Fuel Usage

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

#### 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	14703	13923	13488	13016	12548	12485	12523	12442	12843	14591	15642	16405	16353	16113	16613	16918	16987	16566	15473	15005	16259	16361	15991	15623

### 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	
JMAH	U001	693	694	691	688	691	692	693	692	691	692	691	687	688	688	691	692	688	689	691	687	688	689	687	689	689
JMAH	U002	695	694	694	693	695	693	693	694	694	694	696	692	693	693	694	694	694	692	694	689	693	693	691	693	682
JMJG	U001	673	673	671	677	673	676	673	672	674	673	676	675	673	675	674	677	675	675	677	677	675	677	673	685	672
JMJG	U003	667	662	664	666	667	666	666	666	666	667	665	668	667	668	667	667	666	667	672	662	670	666	669	664	678
JMJG	U004	905	904	903	905	904	871	781	783	785	782	785	782	783	787	786	785	785	782	836	903	899	929	896	904	
PKLC	U003	0	0	0	0	0	0	25	29	54	70	72	78	176	172	150	204	204	204	204	204	208	206	206	206	
PKLC	U004	281	282	280	280	280	280	280	279	277	279	279	282	282	282	279	279	279	282	282	281	281	281	281	282	
PKLC	U005	464	464	465	465	464	464	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	
PKLC	U006	466	466	466	466	464	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	
TBIN	U002	689	692	691	690	692	691	689	694	692	690	693	693	692	693	692	691	693	693	691	692	693	691	691	689	
TBIN	U003	687	689	690	691	691	690	689	690	691	690	689	691	692	689	692	691	691	693	691	693	694	688	692	691	
TBIN	U004	902	899	903	899	899	899	848	781	781	780	783	781	782	782	837	902	901	900	897	899	903	901	901	901	
Total ST-Coal		7122	7119	7118	7120	7120	7088	6944	6908	6912	6929	6956	6960	6960	7064	7055	7038	7095	7190	7314	7226	7206	7056	7031	6956	
Total ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total 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	
CRPS	CT1A	98	98	87	87	87	87	88	88	87	88	88	87	87	87	87	87	98	98	99	97	97	97	97	95	
CRPS	CT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CBPS	ST1C	46	46	41	41	40	39	40	40	40	40	40	40	39	40	39	41	96	100	100	101	100	99	99	100	
CBPS	BLK2	359	362	355	350	351	351	258	199	199	200	199	199	199	200	200	204	215	362	362	362	360	359	363	362	
GLGR	GT01	109	109	109	109	107	109	108	109	106	107	108	108	108	109	108	108	109	109	109	109	109	109	109	107	
GLGR	CT02	108	108	108	108	109	108	108	108	108	109	109	109	108	109	108	106	106	106	105	104	104	104	104	104	
GLGR	ST1C	99	99	99	99	98	98	98	98	98	98	98	98	98	98	98	98	98	98	97	97	97	97	97	96	
KLPP	CT13	142	142	140	139	139	139	139	140	139	140	69	74	69	70	71	71	106	104	130	137	136	139	140	140	
KLPP	CT14	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KLPP	CT15	157	157	157	156	156	155	155	155	155	101	84	80	81	81	79	120	119	144	153	153	150	156	155		
KLPP	ST17	204	158	135	135	137	137	136	136	136	101	93	89	93	93	93	154	184	192	200	200	200	202	202		
MPSS	GT01	99	71	0	0	0	0	0	0	0	0	0	0	0	0	0	83	103	99	102	100	100	100	100		
MPSS	CT02	98	92	89	92	89	91	89	91	88	90	89	91	89	90	88	91	85	106	101	101	101	101	100		
MPSS	ST01	105	83	40	40	40	40	40	40	40	40	40	39	39	50	112	108	108	108	109	108	108	109	109		
NPRI	BLK1	432	434	450	485	455	463	461	371	435	379	445	433	452	453	395	332	454	500	500	503	500	521	503		
NPRI	BLK2	432	436	450	481	451	465	458	375	439	381	446	433	454	455	394	329	456	500	501	505	502	524	502		
PAKA	CT1A	87	66	66	66	65	65	65	66	65	65	66	66	65	66	66	66	66	66	87	86	85	85	81		
PAKA	CT1B	90	65	65	65	64	64	64	65	64	65	65	65	64	65	65	64	65	90	89	90	85	89	88		
PAKA	ST1C	80	68	68	67	67	67	67	67	67	67	67	67	68	68	80	81	81	80	79	80	80	80	80		
PAKA	CT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PAKA	CT2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PAKA	ST2C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PAKA	GT3A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PAKA	GT3B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PAKA	ST3C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PAKA	CT4A	94	94	95	94	95	95	95	95	95	95	95	95	95	95	95	94	94	94	94	94	92	93	93		
PAKA	CT4B	80	81	82	82	81	81	81	81	81	81	81	81	81	81	81	80	80	80	80	80	80	80	80		
PAKA	ST4C	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92		
PCLA	CT11	202	184	164	207	192	181	170	159	182	162	158	158	179	186	154	151	179	172	152	148	224	226	214		
PCLA	CT12	200	183	164	208	191	181	169	158	181	163	157	159	178	186	153	152	179	172	152	149	223	223	212		
PCLA	ST10	237	210	216	234	217	207	205	197	221	200	202	194	206	223	197	193	204	217	194	201	234	248	246		
PCPS	GT3A	88	77	84	85	84	85	85	86	84	85	85	85	85	86	85	84	83	83	90	89	89	90	89		



### 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																										
KNYR	HY04	-1	-1	100	100	100	100	100	100	100	100	100	100	100	101	60	60	61	60	67	60	60	61	61	61	62	62	63	62	62	62	101	101	101	56	53	54	95	100	100	100	100	60	78	99	63					
LPIA	HY02	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16				
MNOR	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
PGAU	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
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	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1			
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	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	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	
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	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	
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	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	
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	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	
SYPS	HY04	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	
TMGR	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	-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	HY02	34	33	32	34	34	33	32	33	32	34	32	34	33	34	32	33	33	33	32	34	32	39	32	35	34	34	34	38	34	35	36	33	35	38	37	30	30	28	30	28	37	41	38	36	32	33	38	34		
TMGR	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	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	
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	-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	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	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	
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	-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	5	5	5	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
<b>Total Hydro</b>		<b>164</b>	<b>301</b>	<b>400</b>	<b>401</b>	<b>399</b>	<b>398</b>	<b>396</b>	<b>397</b>	<b>396</b>	<b>419</b>	<b>396</b>	<b>399</b>	<b>397</b>	<b>415</b>	<b>390</b>	<b>418</b>	<b>203</b>	<b>161</b>	<b>160</b>	<b>164</b>	<b>159</b>	<b>174</b>	<b>289</b>	<b>291</b>	<b>290</b>	<b>173</b>	<b>203</b>	<b>171</b>	<b>275</b>	<b>441</b>	<b>521</b>	<b>465</b>	<b>574</b>	<b>684</b>	<b>534</b>	<b>499</b>	<b>152</b>	<b>148</b>	<b>151</b>	<b>746</b>	<b>779</b>	<b>830</b>	<b>817</b>	<b>813</b>	<b>715</b>	<b>444</b>	<b>296</b>	<b>199</b>		
<b>Total Distillate</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
PCUF	CUFK	13	13	14	13	13	13	12	14	13	14	15	14	12	13	14	14	16	14	15	14	17	17	16	16	15	18	16	17	16	17	16	17	17	17	16	17	16	17	16	16	18	17	17	17	17	16	16	16	16	
<b>Total Co-Gen</b>		<b>13</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>12</b>	<b>14</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>16</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>15</b>	<b>18</b>	<b>16</b>	<b>17</b>	<b>16</b>	<b>17</b>	<b>16</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>17</b>	<b>16</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>18</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	
<b>Total Gen</b>		<b>14688</b>	<b>14244</b>	<b>13877</b>	<b>13668</b>	<b>13452</b>	<b>13404</b>	<b>13027</b>	<b>12690</b>	<b>12612</b>	<b>12502</b>	<b>12445</b>	<b>12383</b>	<b>12494</b>	<b>12638</b>	<b>12372</b>	<b>12189</b>	<b>12776</b>	<b>13777</b>	<b>14549</b>	<b>15181</b>	<b>15620</b>	<b>15952</b>	<b>16362</b>	<b>16448</b>	<b>16338</b>	<b>16011</b>	<b>16097</b>	<b>16294</b>	<b>16627</b>	<b>16916</b>	<b>16890</b>	<b>16929</b>	<b>16978</b>	<b>17024</b>	<b>16550</b>	<b>16040</b>	<b>15522</b>	<b>15135</b>	<b>14997</b>	<b>15838</b>	<b>16212</b>	<b>16373</b>	<b>16350</b>	<b>16304</b>	<b>16060</b>	<b>15867</b>	<b>15631</b>	<b>15278</b>		
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	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
TIE-HVDC		-29	-29	-29	-29	-30	-30	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		14	19	-17	-1	-6	31	40	-31	93	20	-11	-4	0	13	-41	-23	-39	42	-13	22	8	-33	-13	16	15	-3	13	-16	44	-17	1	-32	20	45	13	64	79	-36	21	-12	-18	-16	18	21	98	37	37	30		
Interconnection		-15	-10	-46	-30	-36	1	11	-60	64	-9	-40	-32	-29	-16	-70	-53	-67	14	-42	-7	-22	-62	-43	-13	-15	-33	-16	-45	14	-47	-28	-61	-9	17	-16	35	49	-65	-8	-41	-47	-46	-11	-8	69	8	8	1		
<b>System Total</b>		<b>14703</b>	<b>14254</b>	<b>13923</b>	<b>13698</b>	<b>13468</b>	<b>13403</b>	<b>13016</b>	<b>12750</b>	<b>12548</b>	<b>12511</b>	<b>12485</b>	<b>12415</b>	<b>12523</b>	<b>12654</b>	<b>12442</b>	<b>12242</b>	<b>12843</b>	<b>13763</b>	<b>14591</b>	<b>15188</b>	<b>15642</b>	<b>16014</b>	<b>16405</b>	<b>16461</b>	<b>16353</b>	<b>16044</b>	<b>16113</b>	<b>16339</b>	<b>16613</b>	<b>16963</b>	<b>16918</b>	<b>16990</b>	<b>16987</b>	<b>17007</b>	<b>16566</b>	<b>16005</b>	<b>15473</b>	<b>15200</b>	<b>15005</b>	<b>15879</b>	<b>16259</b>	<b>16419</b>	<b>16361</b>	<b>16312</b>	<b>15991</b>	<b>15859</b>	<b>15623</b>	<b>15277</b>		
SRev ST-Coal		167	170	171	169	169	201	345	561	557	540	513	509	509	405	414	431	336	402	307	183	226	135	192	163	183	152	168	139	154	105	160	159	142	152	122	163	173	177	172	164	158	139	174	162	174	174	172	184		
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	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
SRev CCCT-Gas		778	1057	736	654	868	883	1113	1417	1497	1648	1710	1778	1663	1642	1875	2069	1523	1388	1212	947	558	414	465	388	412	414	458	444	459	413	485	439	455	445	429	550	624	1004	1147	913	606	514	481	516	647	499	589	613		
SRev ST-Gas		0	0																																																