

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,668 MW
Hydro	1,833 MW
Distillate	0 MW
<b>Total TNB</b>	<b>4,501 MW</b>
<b>Total IPP</b>	<b>16,053 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>20,976 MW</b>

### Generation Mix

Type	MWh	Percentage
Gas	36,896	10.67 %
Hydro	18,801	5.44 %
<b>Total TNB</b>	<b>55,697</b>	<b>16.10 %</b>
ST-Coal	204,745	59.20 %
Gas	83,102	24.03 %
<b>Total IPP</b>	<b>287,847</b>	<b>83.23 %</b>
Co-Gen	726	0.21 %
<b>Total Co-Gen</b>	<b>726</b>	<b>0.21 %</b>
<b>Total Generation</b>	<b>344,270</b>	<b>99.54 %</b>
PLTG	-887	-0.26 %
HVDC	-697	-0.20 %
<b>Interconnection</b>	<b>-1,584</b>	<b>-0.46 %</b>
<b>Net Energy</b>	<b>345,854</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:	11:30:00 Hour
Total Set On Bus	17,810 MW
TNB Generation	2,733 MW
IPP Generation	13,640 MW
Spinning Reserve	1,406 MW
Maximum Demand	16,421 MW
Net Energy	345,854 MWH
Load Factor	87.76 %

### Fuel Cost

Total Cost:	53,294,877.10 RM
Cost per Unit	16.56 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	641
Hydro	105
Syncon	639
Thermal	207
<b>Total</b>	<b>1,592</b>

### Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

### Gas Usage

Station	(mmscfd)
GLGR	51
TJGS	214
<b>Total TNB</b>	<b>265</b>
CBPS	57
KLPP	74
NPRI	149
PGLA	100
PLPS	68
PTEK	4
SGB3	38
SGRI	37
YPKA	53
<b>Total IPP</b>	<b>580</b>
<b>Total Gas</b>	<b>844</b>
<b>Total Gas Required</b>	<b>844</b>

### 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	13394	12874	12425	12018	11648	11556	11890	12177	12786	14734	15647	16213	16315	15978	16292	16295	16384	16035	15056	15042	15742	15550	14917	14361

Prepared By: -Select Name-

Checked By: -Select Name-

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(Gurcharan Singh)  
Pengurus Besar Kanan  
Jabatan Sistem Operasi





## Daily MW Generation on Monday

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																									
System Total		13394	13173	12874	12584	12425	12204	12018	11815	11648	11602	11556	11801	11890	12151	12177	12156	12786	13842	14738	15199	15649	16019	16213	16421	16315	16063	15978	16105	16292	16415	16295	16318	16384	16357	16035	15399	15056	14855	15042	15753	15742	15771	15550	15420	14917	14761	14361	13995	
SRev ST-Coal		291	278	451	456	451	517	516	455	457	455	456	453	447	455	465	449	448		290	204	198	181	207	195	223	193	189	187	195	193	201	187	206	201	187	208	209	193	197	204	197	198	203	200	279	274	297	321	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	13	39	39	39	39	39	39	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		631	620	538	532	430	573	632	949	1243	1315	1521	1531	1457	1195	1390	1445	1180	960		954	1040	754	685	559	511	519	722	913	783	528	517	644	675	566	616	866	1140	1078	834	854	399	409	414	479	469	749	392	607	748
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SRev Co-Gen		-10	1	-2	-2	2	-1	1	-1	-1	-1	-2	-2	0	-1	-1	-1	-2	-1		1	0	-1	0	0	-1	2	1	1	0	0	3	4	2	3	2	1	-1	0	1	1	-1	-1	-3	0	-2	0	-1	1	-1
Syncon		500	710	710	798	798	798	798	798	798	798	798	798	798	798	798	798	798	710		710	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626	626
Hydro		256	148	137	63	62	63	78	60	81	68	69	58	80	97	66	143	122	125		183	143	143	145	61	62	127	215	221	212	210	129	150	136	102	102	106	59	62	62	76	19	17	17	108	13	52	53	63	109
S.Reserve Total		1668	1757	1834	1847	1743	1950	2025	2261	2578	2635	2842	2842	2788	2536	2708	2850	2547	2242		2138	2013	1720	1637	1453	1406	1536	1796	1989	1847	1596	1507	1664	1685	1503	1547	1786	2116	2059	1800	1754	1247	1248	1252	1416	1390	1790	1516	1678	1887