

## Daily System Generation Summary on Saturday

Saturday, February 24, 2018

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,636 MW
Hydro	2,107 MW
Distillate	0 MW
Total TNB	4,743 MW
Total IPP	14,787 MW
Total Co-Gen	0 MW
Total System	20,102 MW

### Generation Mix

Type	MWh	Percentage
Gas	41,056	12.67 %
Hydro	8,335	2.57 %
<b>Total TNB</b>	<b>49,391</b>	<b>15.24 %</b>
ST-Coal	189,711	58.52 %
Gas	82,837	25.55 %
<b>Total IPP</b>	<b>272,548</b>	<b>84.08 %</b>
Co-Gen	1,387	0.43 %
<b>Total Co-Gen</b>	<b>1,387</b>	<b>0.43 %</b>
<b>Total Generation</b>	<b>323,326</b>	<b>99.74 %</b>
PLTG	-138	-0.04 %
HVDC	-699	-0.22 %
Interconnection	-837	-0.26 %
<b>Net Energy</b>	<b>324,163</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 10/23/2017	17,790 MW
Date: 4/20/2016	372,457 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	16,457 MW
TNB Generation	2,493 MW
IPP Generation	12,355 MW
Spinning Reserve	1,548 MW
Maximum Demand	14,930 MW
Net Energy	324,163 MWH
Load Factor	90.47 %

### Fuel Cost

Total Cost:	56,731,029.09 RM
Cost per Unit	18.51 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	513
Hydro	220
Syncon	854
Thermal	114
<b>Total</b>	<b>1,701</b>

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Hot	28

### 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	13684	13214	12847	12568	12191	12142	12062	12129	11874	12890	13607	14221	14178	13903	14191	14199	14204	13944	13675	13700	14930	14793	14421	14121

### Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	45	<b>Total</b>	<b>0</b>
PGPS	31		
TJGS	219		
<b>Total TNB</b>	<b>295</b>		
CBPS	55		
KLPP	93		
MPSS	37		
NPRI	101		
PGLA	57		
PLPS	6		
SGRI	75		
SKSP	47		
YPKA	75		
<b>Total IPP</b>	<b>547</b>		
<b>Total Gas</b>	<b>842</b>		
<b>Total Gas Required</b>	<b>842</b>		

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Checked By: -Select Name-

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 Pengurus Besar Kanan  
 Jabatan Sistem Operasi





**Daily MW Generation on Saturday**

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																									
SRev ST-Coal		211	183	277	356	377	371	377	377	385	379	376	359	374	379	381	383	383	372	386	77	68	60	81	66	81	104	81	73	68	63	69	68	63	69	148	121	133	149	176	145	98	53	211	69	81	116	414		
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	0	0	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 CCGT-Gas		1256	825	741	679	770	849	914	959	1203	1149	1159	1159	1254	1180	1204	1203	1207	560	254	507	491	384	480	456	450	673	710	662	473	395	463	402	574	677	809	810	865	936	702	341	462	491	640	629	691	663	500	382	
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	0	0	0	0
SRev Co-Gen		1	0	0	-1	-1	-1	-2	-1	-1	-1	0	-1	0	-2	-1	-1	-1	2	0	3	3	2	2	3	5	3	3	0	0	-1	0	0	-2	-1	-4	-2	-3	-4	-3	-4	-4	-5	-5	-4	-6	-6	-6	-6	
Syncon		1016	1016	1016	1016	1016	1016	1016	865	1016	1016	1016	1016	865	1016	1016	1016	1016	915	1016	714	714	865	865	865	865	865	865	865	865	865	865	865	865	865	865	1016	1016	1016	1016	764	613	865	865	865	865	865	865	728	
Hydro		140	139	141	144	141	140	142	144	269	139	139	139	138	266	137	138	142	138	140	88	95	350	348	222	228	231	230	226	213	210	212	228	229	203	203	76	77	75	74	200	334	207	205	204	204	247	242	114	
S.Reserve Total		2684	2163	2175	2194	2294	2386	2446	2500	2718	2693	2698	2694	2772	2688	2740	2743	2751	2101	1786	1900	1681	1516	1605	1607	1611	1852	1912	1839	1627	1541	1603	1564	1735	1808	1946	2048	2078	2156	1939	1478	1548	1658	1759	1905	1824	1851	1719	1632	