

Daily System Generation Summary on Saturday

Saturday, October 29, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,076 MW
Hydro	1,957 MW
Distillate	0 MW
Total TNB	5,033 MW
Total IPP	13,911 MW
Total Co-Gen	60 MW
Total System	19,568 MW

Generation Mix

Type	MWh	Percentage
Gas	33,594	11.85 %
Hydro	5,485	1.93 %
Total TNB	39,079	13.78 %
ST-Coal	188,195	66.37 %
Gas	55,647	19.62 %
Total IPP	243,842	85.99 %
Co-Gen	1,178	0.42 %
Total Co-Gen	1,178	0.42 %
Total Generation	284,099	100.19 %
PLTG	-189	-0.07 %
HVDC	720	0.25 %
Interconnection	531	0.19 %
Net Energy	283,568	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:	00:00:00 Hour
Total Set On Bus	15,018 MW
TNB Generation	2,094 MW
IPP Generation	11,067 MW
Spinning Reserve	1,811 MW
Maximum Demand	13,166 MW
Net Energy	283,568 MWH
Load Factor	89.74 %

Fuel Cost

Total Cost:	37,431,938.05 RM
Cost per Unit	13.44 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	693
Hydro	162
Syncon	847
Thermal	317
Total	2,019

Time	Weather	Temperature
Afternoon	Sunny	34
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
CBPS	1
PAKA	4
PGPS	24
TJGS	203
Total TNB	232
KLPP	72
MPSS	28
NPRI	73
PGLA	0
PLPS	65
SGB3	1
SGRI	153
SKSP	45
Total IPP	437
Total Gas	669

Total Gas Required 669

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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	13166	12494	12132	11769	11485	11204	11107	10749	10219	10750	11304	11813	11814	11750	11774	11762	11765	11658	11639	12538	12937	12858	12506	12293

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 (Gurcharan Singh)
 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 CCGT-Gas		536	798	238	216	273	505	711	550	876	1078	1290	1285	1432	1328	1721	1462	1726	1351	1203	1024	940	572	613	610	726	734	702	644	675	669	700	727	627	694	770	785	797	1134	742	390	416	353	490	593	854	663	489	603	
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		14	11	13	12	11	12	10	11	11	7	10	10	10	10	11	11	12	9	9	8	10	10	9	12	12	13	12	14	12	13	14	11	12	9	13	13	12	13	12	11	8	8	10	9	8	11	10		
Symcon		947	947	1073	1073	1073	922	1073	1073	1073	1073	1073	1073	1073	1073	1073	1073	886	886	886	886	760	609	760	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	
Hydro		135	208	99	103	136	268	157	135	138	140	108	138	273	139	140	141	140	148	137	136	135	136	126	188	314	190	125	127	127	126	127	127	125	128	129	118	128	329	124	88	129	131	131	263	344	131	99	90	
S.Reserve Total		1811	2136	1678	1731	1774	1822	2135	2039	2368	2566	2707	2724	2850	2762	3191	3347	3614	3252	3083	2701	2480	2113	1901	1826	1912	1954	1985	1935	1964	1963	1988	2012	1918	1985	2058	2069	2084	2475	2023	1639	1659	1604	1739	1826	2055	1911	1712	1806	