

Daily System Generation Summary on Sunday

Sunday, December 11, 2016

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	2,835 MW
Hydro	2,357 MW
Distillate	0 MW
Total TNB	5,192 MW
Total IPP	14,171 MW
Total Co-Gen	26 MW
Total System	19,389 MW

Generation Mix

Type	MWh	Percentage
Gas	34,585	12.19 %
Hydro	6,894	2.43 %
Total TNB	41,479	14.62 %
ST-Coal	156,256	55.09 %
Gas	86,517	30.50 %
Total IPP	242,773	85.59 %
Co-Gen	491	0.17 %
Total Co-Gen	491	0.17 %
Total Generation	284,743	100.38 %
PLTG	364	0.13 %
HVDC	719	0.25 %
Interconnection	1,083	0.38 %
Net Energy	283,660	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:	20:00:00 Hour
Total Set On Bus	14,863 MW
TNB Generation	2,290 MW
IPP Generation	10,846 MW
Spinning Reserve	1,708 MW
Maximum Demand	13,093 MW
Net Energy	283,660 MWH
Load Factor	90.27 %

Fuel Cost

Total Cost:	37,920,819.55 RM
Cost per Unit	13.65 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	507
Hydro	237
Syncon	1,012
Thermal	186
Total	1,942

Time Weather Temperature

Afternoon	Rainy	31
Morning	Cloudy	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	12765	12267	11914	11522	11230	11045	10994	10807	10378	10985	11590	12026	11945	11834	11954	11808	11863	11665	11536	12319	13093	12976	12775	12415

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	213
Total TNB	242

CBPS	55
KLPP	110
MPSS	0
NPRI	152
PGLA	102
PLPS	76
SGRI	140
SKSP	3
Total IPP	638
Total Gas	880
Total Gas Required	880

Alternate Fuel Usage

Station	(mmscfd)
Total	0

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 (Gurcharan Singh)
 Pengurus Besar Kanan
 Jabatan Sistem Operasi

Daily MW Generation on Sunday

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																								
Hydro		142	143	140	265	141	124	125	125	126	259	122	127	127	124	129	132	130	127	125	125	127	122	247	116	117	116	246	115	116	117	115	118	114	112	114	114	121	117	157	310	387	379	395	440	510	381	290	297
S.Reserve Total		2029	2099	2326	2526	2279	2351	2348	2468	2592	2706	2743	2790	2761	2694	2913	3247	3348	3083	2865	2635	2293	2095	1869	1894	1957	2104	2113	2038	1938	1913	2063	2035	2089	2035	2215	2501	2636	2602	2189	1867	1708	1733	1812	1916	2024	2195	1920	1996