

Daily System Generation Summary on Sunday

Sunday, February 22, 2015

Availability at Daily Maximum Demand Hour

ST-Coal	2,100 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,024 MW
Hydro	1,841 MW
Distillate	0 MW
Total TNB	<u>7,965 MW</u>
Total IPP	<u>11,467 MW</u>
Total Co-Gen	0 MW
Total System	<u>20,002 MW</u>

Generation Mix

Type	MWh	Percentage
ST-Coal	49,001	18.20 %
Gas	39,036	14.50 %
Hydro	8,803	3.27 %
Total TNB	96,840	35.97 %
ST-Coal	110,412	41.01 %
Gas	60,914	22.63 %
Total IPP	171,326	63.64 %
Co-Gen	1,199	0.45 %
Total Co-Gen	1,199	0.45 %
Total Generation	269,365	100.06 %
PLTG	863	0.32 %
HVDC	-699	-0.26 %
Interconnection	164	0.06 %
Net Energy	269,201	100.00 %

Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	14,140 MW
TNB Generation	5,007 MW
IPP Generation	7,971 MW
Spinning Reserve	1,113 MW
Maximum Demand	12,996 MW
Net Energy	269,201 MWH
Load Factor	86.31 %

Fuel Cost

Total Cost:	31,937,853.85 RM
Cost per Unit	12.26 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	242
Hydro	237
Syncon	471
Thermal	40
Total	990

Time Weather Temperature

Afternoon	Hot	37
Morning	Sunny	28

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
GLGR	54	Total	0
SRDG	8		
TJGS	215		
Total TNB	277		
KLPP	85		
PDPS	4		
PKLG	4		
PLPS	79		
PTEK	2		
SGRI	161		
SKSP	5		
YPGS	56		
YPKA	83		
Total IPP	480		
Total Gas	757		
Total Gas Required	757		

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	12059	11509	11066	10752	10507	10278	10196	10128	9494	9868	10454	10891	11011	11033	11256	11329	11474	11444	11208	11454	12886	12996	12721	12723

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Printed on: Monday, February 23, 2015 8:14:51 AM

(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																										
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																										
SRev CCGT-Gas		224	279	219	401	455	704	259	447	504	671	728	729	741	776	860	1108	1214	1180	928	752	541	384	405	225	207	343	491	211	268	148	272	202	145	186	285	316	217	520	574	257	305	394	263	220	339	184	182	167		
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	0
SRev Co-Gen		27	25	26	25	25	25	24	27	25	25	22	24	24	21	21	23	24	23	23	24	25	25	28	26	29	27	28	30	29	27	26	28	29	29	27	26	28	28	30	28	26	27	27	27	28	26	26	26	26	
Syncon		719	719	719	568	719	719	719	568	568	719	719	719	568	568	719	719	719	568	568	719	719	719	568	568	568	719	719	568	568	719	719	719	568	568	719	719	568	384	453	453	453	302	453	453	453	302	453	302	453	302
Hydro		97	88	136	266	140	141	138	137	266	265	127	137	139	267	129	144	135	265	266	132	205	173	152	136	265	132	372	343	487	467	492	356	164	293	170	133	134	135	321	516	236	236	241	388	292	228	236	406		
S.Reserve Total		1139	1202	1157	1295	1391	1648	1345	1564	1588	1746	1836	1851	1870	1876	1989	2358	2517	2466	2250	2096	1818	1398	1324	1146	1140	1271	1683	1374	1446	1325	1420	1334	1100	1112	1061	1217	1133	1405	1512	1239	1126	1173	1113	1051	1245	952	991	969		