

Daily System Generation Summary on Thursday

Thursday, May 07, 2020

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,495 MW
Distillate	0 MW
Total TNB	2,495 MW
Total IPP	18,686 MW
Total Co-Gen	0 MW
Total System	24,004 MW

Generation Mix

Type	MWh	Percentage
Hydro	11,908	3.62 %
Gas	31,998	9.72 %
Total TNB	43,906	13.34 %
ST-Coal	239,507	72.74 %
LSS	2,071	0.63 %
Gas	44,883	13.63 %
Total IPP	286,461	87.01 %
Co-Gen	184	0.06 %
Total Co-Gen	184	0.06 %
Total Generation	330,551	100.40 %
PLTG	577	0.18 %
HVDC	731	0.22 %
Interconnection	1,308	0.40 %
Net Energy	329,243	100.00 %

Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	17,046 MW
TNB Generation	2,268 MW
IPP Generation	12,772 MW
Spinning Reserve	1,998 MW
Maximum Demand	14,940 MW
Net Energy	329,243 MWH
Load Factor	91.82 %

Fuel Cost

Total Cost:	49,130,244.38 RM
Cost per Unit	14.86 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	468
Hydro	327
Syncon	1,189
Thermal	463
Total	2,447

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	27

Gas Usage

Station	(mmscfd)
GLGR	47
TJGS	183
Total TNB	229
CBPS	48
NPRI	146
YPKA	22
Total IPP	217
Total Gas	446
Total Gas Required	446

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	14666	14113	13528	13102	12851	12777	12612	12033	11710	12542	13140	13595	13655	13741	14319	14589	14676	14329	13971	14002	14642	14940	14840	14706

Prepared By: -Select Name-

Checked By: -Select Name-

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(Ir. Shanmugam Thoppalan)
Pengurus Besar Kanan
Jabatan Sistem Operasi

[illegible]

Daily MW Generation on Thursday

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		783	713	735	966	1162	1084	1328	1260	1220	1172	1387	1350	1224	1354	1547	1322	1154	825	597	852	861	720	907	674	828	867	866	580	406	311	304	288	305	267	419	798	887	897	823	785	399	198	167	159	246	145	130	180	
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 LSS		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		12	12	11	11	11	12	10	11	10	11	10	10	9	12	10	11	9	8	10	9	10	11	8	10	10	11	9	10	10	10	7	9	9	11	11	10	13	9	10	10	11	11	10	12	11	12	11	9	
Syncon		576	763	850	699	699	850	850	976	1102	1102	1102	1102	1052	1002	1304	1304	1304	1304	1304	1304	1304	1304	1027	1027	1178	1178	1304	1304	1304	1118	1305	1305	1053	1053	1305	1204	1204	1204	1204	1204	1204	1053	1053	1204	1204	1204	1305	1305	
Hydro		287	337	204	338	395	269	270	314	250	249	276	269	400	526	272	270	245	265	266	247	260	261	455	382	260	261	256	297	243	380	326	249	379	484	377	212	216	277	276	291	280	407	407	278	278	265	309	254	
S.Reserve Total		1807	1980	2154	2435	2727	2640	2886	2992	3031	3014	3259	3244	3210	3453	3828	3894	3679	3234	3007	3058	3053	2839	2876	2559	2752	2809	2911	2671	2432	2312	2357	2254	2152	2185	2437	2794	2918	2996	2932	2783	2295	2042	1999	2017	2108	2013	2147	2144	