

Daily System Generation Summary on Monday

Monday, May 04, 2020

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,522 MW
Distillate	0 MW
Total TNB	2,522 MW
Total IPP	19,636 MW
Total Co-Gen	0 MW
Total System	24,981 MW

Generation Mix

Type	MWh	Percentage
Hydro	11,695	3.62 %
Gas	36,758	11.38 %
Total TNB	48,453	15.00 %
ST-Coal	218,540	67.64 %
LSS	2,483	0.77 %
Gas	54,334	16.82 %
Total IPP	275,357	85.23 %
Co-Gen	195	0.06 %
Total Co-Gen	195	0.06 %
Total Generation	324,005	100.28 %
PLTG	275	0.09 %
HVDC	639	0.20 %
Interconnection	914	0.28 %
Net Energy	323,091	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:	15:30:00 Hour
Total Set On Bus	17,205 MW
TNB Generation	2,356 MW
IPP Generation	12,917 MW
Spinning Reserve	1,925 MW
Maximum Demand	15,239 MW
Net Energy	323,091 MWH
Load Factor	88.34 %

Fuel Cost

Total Cost:	48,763,932.95 RM
Cost per Unit	15.05 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	322
Hydro	373
Syncon	1,022
Thermal	513
Total	2,230

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	24

Gas Usage

Station	(mmscfd)
GLGR	52
TJGS	204
Total TNB	257
CBPS	53
NPRI	156
SKSP	27
YPKA	20
Total IPP	257
Total Gas	513
Total Gas Required	513

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	12821	12383	11954	11595	11317	11311	11226	11089	11639	13236	13998	14509	14549	14528	14998	15230	15220	14737	14093	13837	14464	14713	14586	14478

Prepared By: -Select Name-

Checked By: -Select Name-

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

Daily MW Generation on Monday

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[illegible]

Daily MW Generation on Monday

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 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	
SRev Co-Gen		12	9	9	9	11	9	10	9	9	9	11	10	9	8	11	9	8	10	10	11	10	11	8	10	9	11	11	10	11	11	11	10	12	9	10	12	9	9	13	7	10	8	7	11	11	9	10	11
Syncon		1102	1203	1203	1203	1203	1052	1203	1203	1052	951	951	1203	1203	1203	1203	1203	1102	638	638	1052	1203	1203	1203	1203	1203	1203	1203	951	1102	951	915	915	915	1102	1102	1203	1052	1203	1052	1016	1016	1016	1016	663	512	663	699	
Hydro		314	206	209	245	212	376	218	254	346	314	411	259	252	260	254	227	225	524	535	469	284	277	253	255	240	243	299	448	221	435	396	397	400	428	423	412	548	419	547	466	408	386	387	383	524	602	292	310
S.Reserve Total		2315	2249	2369	2362	2229	2401	2473	2450	2361	2224	2325	2473	2424	2540	2634	2485	2292	2130	2202	2752	2487	2353	2239	2217	2297	2328	2391	2208	2054	1974	1969	1926	1953	2114	2484	2788	3038	3197	3157	3241	2563	2300	2307	2147	2261	1908	1756	1920