

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,293 MW
Distillate	0 MW
Total TNB	2,293 MW
Total IPP	17,784 MW
Total Co-Gen	0 MW
Total System	24,057 MW

Generation Mix

Type	MWh	Percentage
Hydro	19,709	5.73 %
Gas	70,917	20.62 %
Total TNB	90,626	26.35 %
ST-Coal	207,245	60.25 %
LSS	3,562	1.04 %
Gas	42,953	12.49 %
Total IPP	253,760	73.78 %
Co-Gen	171	0.05 %
Total Co-Gen	171	0.05 %
Total Generation	344,557	100.17 %
PLTG	-123	-0.04 %
HVDC	723	0.21 %
Interconnection	600	0.17 %
Net Energy	343,957	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	17,100 MW
TNB Generation	4,494 MW
IPP Generation	11,507 MW
Spinning Reserve	1,095 MW
Maximum Demand	15,941 MW
Net Energy	343,957 MWH
Load Factor	89.90 %

Fuel Cost

Total Cost:	52,911,889.76 RM
Cost per Unit	15.35 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	316
Hydro	327
Syncon	382
Thermal	418
Total	1,443

Time Weather Temperature

Afternoon	Hot	33
Morning	Sunny	26

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	14567	13938	13300	12921	12476	12301	12186	12311	12470	13795	14380	14832	14910	14928	15391	15766	15864	15625	14562	14580	15683	15639	15604	15561

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, September 2, 2021 8:52:50 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Tuesday

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	0	0	0	0	0	0	0	0	6	36	37	37	37	38	0										
SRev CCGT-Gas		525	514	454	456	529	465	518	449	505	452	499	517	514	438	431	465	422	396	420	470	455	419	419	422	457	432	427	428	428	427	419	301	204	98	116	104	152	217	140	94	104	191	182	210	149	156	188	229	
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	
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		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
Syncon		651	738	738	926	926	926	775	926	926	926	1027	1027	1027	1027	1027	1027	825	738	738	825	699	738	651	500	651	651	651	464	277	277	151	151	151	151	277	525	738	464	464	151	151	151	151	151	151	0	338		
Hydro		162	145	169	188	188	168	305	174	178	172	133	134	133	100	45	116	39	24	54	181	99	134	39	61	362	127	132	103	214	228	167	389	514	437	583	576	281	169	392	166	420	555	562	569	658	651	666	294	
S.Reserve Total		1564	1769	1984	2223	2345	2318	2412	2359	2429	2366	2475	2496	2487	2388	2322	2427	2305	2059	1890	2041	2042	1893	1700	1615	1812	1682	1694	1473	1374	1148	1140	1095	1207	1044	1191	1307	1317	1497	1354	1080	1041	1283	1274	1323	1345	1354	1244	1223	