

Daily System Generation Summary on Sunday

Sunday, August 2, 2020

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,421 MW
Distillate	0 MW
Total TNB	2,421 MW
Total IPP	17,197 MW
Total Co-Gen	0 MW
Total System	22,441 MW

Generation Mix

Type	MWh	Percentage
Hydro	18,327	6.10 %
Gas	22,957	7.64 %
Total TNB	41,284	13.74 %
ST-Coal	206,435	68.70 %
LSS	2,211	0.74 %
Gas	51,352	17.09 %
Total IPP	259,998	86.53 %
Co-Gen	167	0.06 %
Total Co-Gen	167	0.06 %
Total Generation	301,449	100.32 %
PLTG	247	0.08 %
HVDC	722	0.24 %
Interconnection	969	0.32 %
Net Energy	300,480	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	15,818 MW
TNB Generation	3,390 MW
IPP Generation	11,294 MW
Spinning Reserve	1,127 MW
Maximum Demand	14,678 MW
Net Energy	300,480 MWH
Load Factor	85.30 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	293
Hydro	227
Syncon	713
Thermal	500
Total	1,733

Gas Usage

Station	(mmscfd)
GLGR	48
SRDG	7
TJGS	117
Total TNB	172
CBPS	50
NPRI	143
PGLA	53
Total IPP	246
Total Gas	418
Total Gas Required	418

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Time Weather Temperature

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	13526	12848	12381	12003	11719	11407	11351	11143	10702	11097	11663	12074	12154	12205	12470	12665	12689	12742	12593	12987	14458	14678	14480	14301

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, September 4, 2020 10:26:48 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Sunday

[illegible]

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 ST-Coal		504	507	492	509	492	507	500	511	504	485	497	495	508	501	511	500	495	493	492	491	509	509	487	505	495	495	503	495	505	503	492	500	493	513	493	488	485	500	510	498	516	491	518	514	493	514	482	521	
SRev CCGT-Gas		60	94	371	300	411	271	423	446	611	718	912	992	965	984	1113	1422	1452	1249	1196	1065	786	543	528	517	484	503	475	463	292	273	192	122	133	127	136	133	247	143	109	92	127	212	225	96	63	78	120	107	
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 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 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	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		977	977	977	790	977	977	826	977	977	977	977	977	977	977	977	927	1078	1078	1078	1078	1078	977	977	826	977	977	977	977	977	977	977	826	851	700	700	851	851	851	489	489	151	151	151	151	489	489	489	676	
Hydro		179	313	262	215	120	40	231	81	88	89	82	85	102	114	183	294	170	165	160	126	106	135	156	292	217	218	186	136	164	82	58	224	161	224	194	113	156	281	338	216	411	294	233	456	353	357	480	312	
S.Reserve Total		1720	1891	2102	1814	2000	1795	1980	2015	2180	2269	2468	2549	2552	2576	2784	3143	3195	2985	2926	2760	2479	2164	2148	2140	2173	2193	2141	2071	1938	1835	1719	1672	1638	1564	1523	1585	1739	1775	1446	1295	1205	1148	1127	1218	1394	1432	1564	1608	