

Daily System Generation Summary on Monday

Monday, May 1, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,300 MW
Distillate	0 MW
Total TNB	2,300 MW
Total IPP	18,221 MW
Total Co-Gen	0 MW
Total System	24,523 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,203	4.13 %
Gas	36,776	11.50 %
Total TNB	49,979	15.62 %
ST-Coal	175,051	54.72 %
LSS	6,662	2.08 %
Gas	87,805	27.45 %
Total IPP	269,518	84.26 %
Co-Gen	220	0.07 %
Total Co-Gen	220	0.07 %
Total Generation	319,717	99.95 %
PLTG	-158	-0.05 %
Interconnection	-158	-0.05 %
Net Energy	319,875	100.00 %

Maximum Demand Record

Date: 5/8/2023	19,191 MW
Date: 4/13/2023	407,278 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	16,951 MW
TNB Generation	3,057 MW
IPP Generation	12,731 MW
Spinning Reserve	1,154 MW
Maximum Demand	15,814 MW
Net Energy	319,875 MWH
Load Factor	84.28 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	745
Hydro	356
Syncon	941
Thermal	492
Total	2,534

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

Gas Usage

Station	(mmscfd)
GLGR	30
Total TNB	30

CBPS	45
EMPP	278
NPRI	147
PCGP	87
PLPS	2
SPGP	205
Total IPP	764
Total Gas	794

Total Gas Required	794
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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	14064	13528	13026	12587	12264	11994	11950	11733	11140	11397	12083	12407	12675	12949	13357	13663	13976	14102	14034	14334	15698	15814	15487	15211

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, May 9, 2023 9:30:45 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Monday

[illegible]

Daily MW Generation on Monday

[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	
PCUF	CUFK	5	4	3	3	4	4	3	4	4	3	2	4	4	3	3	4	3	4	2	4	2	4	3	3	2	3	3	3	3	4	5	3	3	3	3	3	3	4	4	4	4	5	4	2	3	4	3	
Total Co-Gen		10	13	7	15	21	12	12	13	15	13	9	13	14	12	14	18	14	11	10	8	5	8	7	7	6	6	7	6	6	8	8	7	7	6	7	6	6	5	7	7	8	8	9	7	5	7	7	6
Total Gen		14018	13748	13500	13222	13001	12827	12562	12331	12260	12132	11971	11921	11937	11889	11738	11239	11151	11215	11414	11667	12083	12303	12395	12604	12688	12803	12944	13214	13374	13547	13680	13876	13986	14096	14127	14090	14041	13975	14331	15305	15684	15801	15797	15683	15480	15338	15212	14935
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TIE-HVDC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TIE-PLTG		-46	-37	-28	-34	-25	-45	-25	-27	-4	-14	-23	-25	-13	-4	5	9	11	-15	17	-3	0	-15	-12	0	13	-1	-5	12	17	8	17	-1	10	0	25	18	7	0	-3	-25	-14	-5	-17	-15	-7	-3	1	9
Interconnection		-46	-37	-28	-34	-25	-45	-25	-27	-4	-14	-23	-25	-13	-4	5	9	11	-15	17	-3	0	-15	-12	0	13	-1	-5	12	17	8	17	-1	10	0	25	18	7	0	-3	-25	-14	-5	-17	-15	-7	-3	1	9
System Total		14064	13785	13528	13256	13026	12872	12587	12358	12264	12146	11994	11946	11950	11893	11733	11230	11140	11230	11397	11670	12083	12318	12407	12604	12675	12804	12949	13202	13357	13539	13663	13877	13976	14096	14102	14072	14034	13975	14334	15330	15698	15806	15814	15698	15487	15341	15211	14926
SRev ST-Coal		683	669	729	780	706	633	641	635	633	634	630	643	633	637	628	632	641	576	583	595	580	641	627	635	635	626	628	620	604	593	602	601	600	602	598	592	530	523	358	189	128	113	201	193	225	239	298	372
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	
SRev CCGT-Gas		144	205	237	225	284	234	439	654	723	841	1129	1156	1152	1143	1255	1628	1800	1905	1865	1729	1469	1317	1349	1264	1188	1161	913	803	750	542	532	328	283	202	265	244	282	321	298	172	178	147	205	256	303	357	355	318
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	
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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		842	1029	1268	1268	1117	1268	1268	1268	1268	1142	1142	1142	1117	1117	1117	1268	1268	1268	1268	1117	1268	1268	1268	1268	1117	1268	1268	1268	1268	1268	1117	1268	1268	1268	1016	1167	1167	1167	1016	338	0	0	0	187	500	651	777	1079
Hydro		347	285	187	222	312	85	136	165	171	180	178	184	181	264	307	319	187	156	150	172	267	133	151	121	139	266	125	310	142	135	259	109	111	87	246	98	156	178	282	459	754	683	748	750	655	594	554	311
S.Reserve Total		2016	2188	2421	2495	2419	2307	2571	2809	2882	3010	3166	3212	3195	3248	3394	3783	3983	3992	3953	3851	3520	3446	3482	3375	3317	3257	3021	2937	2851	2625	2597	2393	2262	2159	2125	2101	2135	2189	1954	1158	1060	943	1154	1386	1683	1841	1984	2080