

Availability at Daily Maximum Demand Hour

ST-Coal	8,777 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,537 MW
Distillate	0 MW
Others	0 MW
Gas	10,142 MW
Co-Gen	0 MW
Total System	23,386 MW

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Gas Usage

Station	(mmscfd)
Total Gas	0

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Set On Bus And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	20,319 MW
Spinning Reserve	1,327 MW
Maximum Demand	18,996 MW
Net Energy	404,475 MWH
Load Factor	89 %

Total Gas Required	0
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Generation Mix

Type	MWh	Percentage
ST-Coal	214,975	53.15 %
LSS	8,585	2.12 %
Hydro	18,920	4.68 %
Gas	162,357	40.14 %
Co-Gen	-319	-0.08 %
Total Generation	404,518	100.01 %
PLTG	43	0.01 %
Interconnection	43	0.01 %
Net Energy	404,475	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	626
Hydro	298
Syncon	823
Thermal	164
Total	1,911

Time	Weather	Temperature
Afternoon	Hot	35
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	16742	15995	15395	14949	14506	14268	14267	14496	14802	16257	17083	17554	17497	17325	18222	18593	18909	18919	17645	17478	18579	18626	18044	17725

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, March 8, 2024 7:41:01 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Wednesday

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																									
Total Solar		0	0	0	0	0	0	0	0	0	0	0	0	0	1	71	215	419	572	820	957	1049	1089	1023	1102	1017	1153	1052	1126	1025	932	931	790	672	586	335	174	71	3	0	0	0	0	0	0	0	0	0		
ESTL	ESTL	18	27	26	26	27	15	29	27	25	27	30	17	27	30	33	24	26	26	22	22	30	29	20	19	25	33	22	31	16	26	30	32	30	29	31	30	32	32	28	32	32	32	33	31	29				
PCUF	CUFG	3	2	2	3	4	3	1	2	3	3	3	2	3	3	2	3	3	3	3	2	2	2	3	3	2	3	2	3	2	2	3	2	2	3	3	2	3	3	2	3	4	3	3	3					
PCUF	CUFK	2	1	2	7	2	3	4	3	4	4	4	3	2	2	1	3	4	5	1	5	4	3	3	4	3	3	3	5	4	3	4	2	3	4	6	3	2	5	2	3	3	6	5	5	1	4	3	4	
PFTZ	PFTZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total NEDA Co-Gen		23	30	30	36	33	21	34	32	32	34	37	22	30	35	21	26	37	41	27	34	33	28	28	36	34	25	25	33	39	28	37	22	31	37	42	36	33	40	35	38	39	38	40	41	38	41	38	37	
Total NEDA Solar		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Generation		16778	16361	16004	15649	15398	15220	15004	14770	14553	14381	14289	14238	14292	14486	14493	14649	14815	15803	16259	16676	17135	17379	17601	17593	17541	17364	17345	17822	18305	18699	18677	18864	18975	19058	19021	18372	17725	17441	17572	18282	18647	18699	18695	18504	18107	18015	17777	17507	
KHTC	BLK1	-37	-37	-37	-40	-33	-35	-32	-34	-33	-32	-32	-31	-32	-32	-33	-34	-37	-40	-42	-43	-45	-47	-54	-57	-61	-60	-58	-61	-58	-62	-63	-68	-68	-69	-65	-59	-56	-51	-51	-49	-48	-48	-44	-44	-43	-43	-45	-41	
Total Franchise Area		-37	-37	-37	-40	-33	-35	-32	-34	-33	-32	-32	-31	-32	-32	-33	-34	-37	-40	-42	-43	-45	-47	-54	-57	-61	-60	-58	-61	-58	-62	-63	-68	-68	-69	-65	-59	-56	-51	-51	-49	-48	-48	-44	-44	-43	-43	-45	-41	
Singapore		2	0	-25	-12	-27	14	26	4	17	16	-8	0	-4	-21	-33	-40	-20	-21	-36	-41	11	-9	-3	-43	-13	-20	-34	-7	29	17	25	-3	2	-3	41	60	28	1	47	36	23	11	28	15	23	23	10	6	
Thailand		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Interconnection		2	0	-25	-12	-27	14	26	4	17	16	-8	0	-4	-21	-33	-40	-20	-21	-36	-41	11	-9	-3	-43	-13	-20	-34	-7	29	17	25	-3	2	-3	41	60	28	1	47	36	23	11	28	15	23	23	10	6	
Total Demand		16742	16327	15995	15624	15395	15174	14949	14735	14506	14336	14268	14210	14267	14478	14496	14658	14802	15788	16257	16678	17083	17345	17554	17583	17497	17328	17325	17772	18222	18624	18593	18803	18909	18996	18919	18257	17645	17393	17478	18200	18579	18643	18626	18448	18044	17952	17725	17463	
SRev ST-Coal		153	153	143	176	181	169	209	208	302	315	312	387	376	343	335	335	316	249	160	159	160	180	171	145	144	189	156	151	152	166	158	189	153	182	177	179	177	162	168	169	154	172	168	165	169	167	162	162	
SRev CCGT-Gas		1080	1366	1606	1764	2007	2164	2377	2612	2735	2883	2981	3031	2999	2842	2830	2679	2600	1828	1651	1395	1182	1052	888	950	907	1197	1317	989	604	407	414	306	252	301	372	529	687	796	552	369	288	222	228	233	260	276	514	559	
SRev Co-Gen		0	1	2	3	1	2	-1	3	3	3	0	-1	1	0	-2	0	2	-1	0	-2	-1	0	1	0	1	0	0	1	-1	-1	1	0	0	0	0	0	0	0	1	0	-1	-1	-1	0	0	1	-1		
Syncon		978	978	978	978	978	978	978	978	978	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	942	942	942	604	755	428	428	615	890	978	978	428	428	428	428	615	802	890	890	890		
Hydro		151	149	293	169	279	150	151	149	149	149	151	150	149	149	149	149	163	162	162	162	162	162	162	162	166	163	163	163	253	248	255	525	386	417	323	384	316	264	263	470	429	424	428	431	407	400	402	401	
S.Reserve Total		2362	2647	3022	3090	3446	3463	3714	3950	4167	4479	4573	4696	4654	4463	4441	4292	4210	3367	3102	2843	2632	2523	2351	2387	2347	2678	2765	2433	1951	1763	1769	1625	1545	1327	1301	1707	2070	2200	1961	1437	1299	1245	1251	1443	1638	1733	1969	2011	