

Availability at Daily Maximum Demand Hour

ST-Coal	11,012 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,529 MW
Distillate	0 MW
Others	0 MW
Gas	9,252 MW
Co-Gen	0 MW
Total System	24,723 MW

Maximum Demand Record

Date: 4/29/2024	20,028 MW
Date: 4/3/2024	423,300 MWH

Set On Bus And MD

Daily Maximum Demand Hour at:	00:00:00 Hour
Total Set On Bus	17,468 MW
Spinning Reserve	2,065 MW
Maximum Demand	15,433 MW
Net Energy	308,176 MWH
Load Factor	83 %

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	73
CBPS	44
EMPP	263
NPRI	73
PCGP	77
SPGP	207
Total Gas	766
Total Gas Required	766

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
ST-Coal	167,997	54.51 %
LSS	6,655	2.16 %
Hydro	13,742	4.46 %
Gas	118,232	38.37 %
Co-Gen	721	0.23 %
Total Generation	307,347	99.73 %
PLTG	-133	-0.04 %
EGAT	5	0.00 %
HVDC	-701	-0.23 %
Interconnection	-829	-0.27 %
Net Energy	308,176	100.00 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	940
Hydro	398
Syncon	981
Thermal	816
Total	3,135

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	15433	14792	14140	13590	13091	12647	12540	12445	11596	11257	11547	11315	11391	11464	11681	11932	12317	12579	12516	13151	14248	14362	14093	14124

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, May 2, 2024 5:15:53 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 NEDA Co-Gen		40	70	76	81	85	71	82	54	44	55	52	44	47	53	51	52	57	57	54	51	78	79	72	72	77	78	76	75	49	56	50	42	46	49	41	40	47	48	41	44	44	37	40	43	46	55	53	52	52
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		15428	15073	14795	14429	14130	13886	13583	13295	13074	12842	12631	12564	12526	12556	12449	11973	11606	11346	11224	11339	11534	11475	11313	11321	11352	11372	11453	11519	11659	11750	11962	12237	12347	12618	12592	12466	12507	12702	13129	13979	14226	14378	14344	14203	14052	14123	14096	14056	
KHTC	BLK1	-28	-26	-28	-24	-23	-24	-26	-22	-22	-20	-18	-18	-16	-18	-16	-15	-16	-11	-13	-16	-19	-21	-28	-31	-33	-34	-33	-37	-41	-41	-43	-44	-39	-39	-33	-34	-30	-30	-29	-29	-25	-28	-25	-29	-23	-25	-22	-27	
Total Franchise Area		-28	-26	-28	-24	-23	-24	-26	-22	-22	-20	-18	-18	-16	-18	-16	-15	-16	-11	-13	-16	-19	-21	-28	-31	-33	-34	-33	-37	-41	-41	-43	-44	-39	-39	-33	-34	-30	-30	-29	-29	-25	-28	-25	-29	-23	-25	-22	-27	
Singapore		0	7	7	6	-2	11	0	8	-5	-11	-3	-18	2	-11	20	12	27	6	-12	0	0	13	3	-11	-41	-35	-12	-37	-30	-24	21	31	25	32	13	-46	-6	-5	-20	-35	-15	-21	-11	-26	-34	-17	-17	-4	
Thailand		-30	-30	-29	-30	-28	-28	-30	-30	-28	-28	-30	-29	-28	-29	-29	-30	-28	-29	-28	-29	-28	-29	-29	-28	-28	-29	-29	-29	-29	-30	-30	-30	-30	-29	-29	-29	-29	-29	-27	-27	-29	-29	-29	-29	-28	-28	-29	-29	
Interconnection		-30	-23	-22	-23	-30	-18	-30	-22	-36	-38	-31	-48	-27	-39	-9	-18	-3	-24	-42	-28	-29	-15	-27	-41	-69	-64	-40	-65	-59	-53	-9	2	-5	2	-16	-75	-35	-34	-48	-62	-44	-51	-40	-54	-61	-45	-47	-34	
Total Demand		15433	15073	14792	14431	14140	13883	13590	13298	13091	12863	12647	12597	12540	12580	12445	11979	11596	11362	11257	11355	11547	11472	11315	11335	11391	11406	11464	11551	11681	11766	11932	12195	12317	12581	12579	12511	12516	12710	13151	14015	14248	14404	14362	14231	14093	14146	14124	14066	
SRev ST-Coal		295	302	298	464	483	423	486	526	542	547	631	634	566	640	618	699	755	890	886	889	884	887	885	881	886	884	886	887	884	883	884	886	884	882	886	883	881	886	815	700	683	610	613	610	606	600	606	602	
SRev CCGT-Gas		400	546	700	648	833	1012	1176	1006	1092	1347	1384	1462	1191	819	1048	1623	1831	1879	1850	1774	1643	1735	1682	1748	1784	1839	1746	1721	1586	1466	834	398	238	198	169	214	122	157	174	128	130	129	157	127	223	145	126	129	
SRev Co-Gen		0	2	0	0	0	0	3	1	0	0	-3	0	0	2	0	0	-2	0	-2	-2	2	-1	0	0	0	0	0	2	0	-1	1	0	-1	2	-2	1	0	2	2	1	0	1	0	1	-1	-1	0	0	
Syncon		991	1054	1092	1054	1054	904	753	1054	1054	1054	1115	964	1115	991	1142	1142	1142	1142	1054	991	1142	903	1142	1054	903	1054	1142	1054	903	1054	1142	1142	1142	992	903	903	1054	903	768	768	680	768	804	867	867	867	867		
Hydro		292	161	160	199	160	164	291	281	299	317	281	414	283	422	282	424	435	433	430	545	296	438	302	305	303	437	299	267	297	426	294	289	265	191	190	373	348	261	456	272	111	170	174	313	239	252	286	333	
S.Reserve Total		2065	2152	2337	2452	2617	2590	2796	2955	3074	3352	3495	3561	3242	2961	3177	3975	4248	4431	4392	4284	4054	4136	4098	4162	4201	4237	4159	4106	3995	3851	3241	2802	2615	2502	2322	2548	2428	2534	2524	1869	1692	1677	1712	1855	2021	1950	1972	2018	