

Availability at Daily Maximum Demand Hour

ST-Coal	8,724 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,352 MW
Distillate	0 MW
Others	0 MW
Gas	9,434 MW
Co-Gen	0 MW
Total System	22,440 MW

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 3/26/2024	420,162 MWH

Gas Usage

Station	(mmscfd)	Station	(mmscfd)
Total Gas	0	Total	0
Total Gas Required	0		

Alternate Fuel Usage

Set On Bus And MD

Daily Maximum Demand Hour at:	15:00:00 Hour
Total Set On Bus	20,488 MW
Spinning Reserve	1,116 MW
Maximum Demand	19,286 MW
Net Energy	412,065 MWH
Load Factor	89 %

Generation Mix

Type	MWh	Percentage
ST-Coal	207,013	50.24 %
LSS	7,408	1.80 %
Hydro	20,114	4.88 %
Gas	178,885	43.41 %
Co-Gen	-306	-0.07 %
Total Generation	413,114	100.25 %
PLTG	324	0.08 %
HVDC	725	0.18 %
Interconnection	1,049	0.25 %
Net Energy	412,065	100.00 %

Fuel Cost

Total Cost:	100,597,177.24 RM
Cost per Unit	24.26 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	461
Hydro	367
Syncon	421
Thermal	113
Total	1,362

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	28

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	17478	16572	15988	15457	14989	14738	14692	14891	15177	16599	17452	17915	17950	17843	18677	19286	19172	19030	17851	17643	18439	18466	17961	17660

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, April 2, 2024 5:16:54 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Thursday

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	3	76	223	354	587	695	820	924	1034	1075	1088	1087	972	1069	1017	851	841	706	537	363	266	134	67	12	2	0	0	0	0	0	0	0	0	0	
PCUF	CUFG	16	15	15	15	15	17	16	15	16	17	17	16	16	15	15	17	15	16	16	15	14	15	16	15	15	20	22	20	21	20	19	16	17	17	17	17	18	16	17	17	17	21	24					
PCUF	CUFK	31	30	28	28	30	28	31	30	29	29	29	30	29	28	28	27	29	29	30	30	28	30	30	30	29	30	28	31	30	31	29	30	28	27	30	29	29	29	29	30	31	31	31	28	30			
PFTZ	PFTZ	5	5	5	5	5	4	4	4	5	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
Total NEDA Co-Gen		52	50	48	48	50	49	51	49	50	50	50	50	49	50	49	50	52	50	51	49	50	49	50	50	50	48	51	55	58	54	57	54	52	52	52	52	52	52	53	52	54	54	54	55	60			
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
Total Generation		17527	17076	16643	16387	16055	15850	15557	15266	15045	14865	14825	14778	14777	14977	14974	15023	15260	16177	16681	17192	17526	17815	18037	18100	18042	17895	17999	18340	18870	19375	19456	19336	19293	19447	19228	18478	17955	17603	17755	18259	18549	18651	18569	18311	18069	17855	17766	17475
ESTL	ESTL	-23	-19	-20	-13	-24	-16	-27	-22	-18	-16	-27	-29	-29	-28	-19	-20	-17	-20	-34	-23	-22	-34	-27	-35	-23	-24	-34	-20	-25	-31	-25	-25	-27	-30	-22	-22	-24	-22	-21	-19	-23	-26	-24	-21	-24	-26	-23	-25
KHTC	BLK1	-36	-34	-34	-31	-29	-30	-29	-28	-27	-28	-26	-27	-29	-28	-29	-35	-36	-42	-42	-41	-46	-50	-53	-51	-51	-53	-52	-56	-59	-61	-63	-62	-62	-56	-55	-48	-39	-36	-35	-32	-32	-34	-33	-33	-32	-34	-35	-33
Total Franchise Area		-59	-53	-54	-44	-53	-46	-56	-50	-45	-44	-53	-56	-58	-56	-48	-55	-53	-62	-76	-64	-68	-84	-80	-86	-74	-77	-86	-76	-84	-92	-88	-87	-89	-86	-77	-70	-63	-58	-56	-51	-55	-60	-57	-54	-56	-60	-58	-58
Singapore		-38	-9	-10	15	-13	14	17	11	-16	-11	7	10	1	4	8	20	5	-19	-20	-19	-20	-14	15	-17	-8	15	43	22	84	81	57	-1	6	91	95	24	15	-3	29	-9	28	36	19	33	24	6	21	18
Thailand		31	31	30	30	31	31	30	30	30	30	31	31	29	29	30	30	30	30	31	31	30	30	31	31	30	30	31	31	30	30	30	30	30	30	30	29	29	30	29	30	29	30	29	31	31	30	30	
Interconnection		-7	22	20	45	17	45	47	41	14	20	37	40	30	34	38	50	34	11	10	12	10	16	46	15	22	45	74	53	113	112	86	29	36	122	125	54	45	27	59	21	58	65	49	61	55	37	51	48
Total Demand		17478	17004	16572	16301	15988	15762	15457	15178	14989	14804	14738	14685	14692	14890	14891	14922	15177	16108	16599	17120	17452	17719	17915	18003	17950	17777	17843	18215	18677	19175	19286	19224	19172	19243	19030	18358	17851	17522	17643	18190	18439	18529	18466	18199	17961	17761	17660	17372
SRev ST-Coal		52	156	206	152	157	205	123	131	140	123	79	31	275	248	275	271	104	149	124	146	149	139	131	116	132	134	60	55	63	63	64	62	50	68	60	141	150	154	152	154	210	146	138	113	178	259	247	244
SRev CCGT-Gas		750	468	505	437	499	677	892	1114	1361	1557	1642	1737	1565	1372	1349	1304	1320	719	764	511	284	487	616	508	592	748	720	552	518	372	522	466	315	305	349	463	743	924	720	203	218	254	334	562	787	698	794	1064
Syncon		525	676	764	764	852	852	852	852	852	852	852	852	852	852	852	852	852	676	676	676	676	525	525	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651	651
Hydro		422	265	315	316	262	319	262	321	374	375	374	374	318	297	297	299	195	159	158	165	165	350	409	451	451	452	450	486	421	482	379	404	352	330	342	387	487	587	586	587	537	409	418	375	377	412	413	416
S.Reserve Total		1749	1565	1792	1668	1767	2053	2129	2418	2728	2907	2946	2994	3010	2769	2772	2725	2472	1703	1722	1498	1274	1501	1681	1726	1827	1985	1881	1746	1527	1068	1116	1270	1179	855	902	1642	2031	2316	2110	1595	1303	1147	1228	1388	1680	1894	1979	2249