

Availability at Daily Maximum Demand Hour

ST-Coal	9,382 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,537 MW
Distillate	0 MW
Others	0 MW
Gas	8,547 MW
Co-Gen	0 MW
Total System	22,396 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:	16:30:00 Hour
Total Set On Bus	20,553 MW
Spinning Reserve	952 MW
Maximum Demand	19,499 MW
Net Energy	397,268 MWH
Load Factor	85 %

Gas Usage

Station	(mmscfd)
GLGR	36
TJGS	189
CBPS	49
EMPP	292
KLPP	53
NPRI	73
PCGP	87
SGRI	97
SKSP	29
SPGP	103
Total Gas	1,008

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Generation Mix

Type	MWh	Percentage
ST-Coal	220,198	55.43 %
LSS	8,766	2.21 %
Hydro	18,636	4.69 %
Gas	150,715	37.94 %
Co-Gen	-13	0.00 %
Total Generation	398,302	100.26 %
PLTG	392	0.10 %
EGAT	5	0.00 %
HVDC	637	0.16 %
Interconnection	1,034	0.26 %
Net Energy	397,268	100.00 %

Fuel Cost

Total Cost:	92,120,038.85 RM
Cost per Unit	23.06 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	489
Hydro	403
Syncon	655
Thermal	163
Total	1,710

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	25

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	15611	14934	14438	13943	13517	13418	13690	13671	14269	15939	16735	17249	17209	17329	18123	18735	19230	19021	17751	17561	18726	18742	18318	18055

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, May 2, 2024 5:02:47 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

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
JMAH	U001	699	695	697	696	696	695	696	696	697	697	696	697	697	697	697	697	697	697	697	697	697	697	697	697
JMAH	U002	694	697	694	694	694	696	694	694	696	693	697	694	693	695	694	695	695	694	695	697	694	694	694	696
JMHE	U001	653	602	522	482	314	317	229	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JMHE	U002	976	981	980	977	975	900	903	901	902	899	899	899	901	901	902	901	903	942	978	977	979	977	976	979
JMJG	U001	673	687	679	668	666	671	671	686	673	678	685	658	660	685	679	687	677	668	679	673	674	685	678	677
JMJG	U002	678	673	674	673	674	675	686	673	679	672	674	676	674	675	672	678	674	675	678	673	678	678	678	677
JMJG	U003	673	670	670	670	675	671	673	673	669	671	671	672	671	673	672	669	672	673	672	673	672	668	673	670
JMJG	U005	977	979	979	977	977	898	899	900	899	902	900	899	898	897	901	902	901	963	975	977	976	975	977	976
PKLG	U003	279	280	279	277	277	277	278	279	277	280	278	280	280	279	280	278	278	279	279	279	278	278	277	277
PKLG	U004	277	277	276	275	277	275	272	273	274	274	274	277	276	274	276	275	276	276	275	274	277	274	273	275
PKLG	U005	270	270	270	337	377	455	469	463	463	466	469	471	468	471	468	470	474	465	466	463	469	470	466	465
PKLG	U006	462	468	468	468	467	465	465	467	467	467	467	467	463	465	467	467	468	465	466	466	466	466	466	464
TBIN	U001	687	688	688	687	688	688	688	689	688	691	692	691	691	689	690	690	690	689	689	691	689	689	689	689
TBIN	U002	687	688	689	688	690	688	687	688	686	688	689	686	692	692	689	685	694	689	689	691	689	692	686	691
TBIN	U004	982	983	982	982	982	905	904	904	903	904	903	905	903	903	905	903	903	982	984	984	983	982	983	982
Total ST-Coal		9667	9638	9547	9551	9429	9276	9213	9012	8974	8979	8995	8970	8966	8999	8989	8999	9002	9126	9212	9210	9232	9206	9211	9216
Total ST-Oil		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 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
CBPS	BLK2	360	232	222	222	223	221	220	222	221	222	222	222	222	221	357	286	360	359	359	360	360	360	360	360
EMPP	BLK1	690	716	716	663	612	609	499	520	425	435	411	435	499	518	458	427	478	729	731	731	739	728	730	729
EMPP	BLK2	692	717	717	663	615	612	508	520	427	438	412	440	504	519	457	421	484	728	731	726	739	728	730	730
EMPP	BLK3	691	717	717	660	614	613	512	518	422	436	411	439	503	516	458	425	485	729	730	731	738	729	730	730
GLGR	BLK1	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	135	135	135	135	135	135	135	135	135
KLPP	BLK1	0	0	0	0	0	12	24	23	22	27	26	50	72	80	99	218	218	215	165	172	165	169	166	164
NPRI	BLK2	509	518	341	328	328	328	328	328	328	326	325	326	328	328	328	326	328	358	526	526	524	521	517	517
PCGP	BLK1	582	596	594	602	602	602	603	603	602	501	499	498	504	602	601	604	604	603	607	603	615	599	601	603
SGRI	BLK1	0	0	0	0	0	0	0	17	56	65	30	30	31	26	45	201	200	194	190	196	187	188	194	195
SGRI	BLK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	57	33	33	33	33	33
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	50	88	145	331	230
SPGP	BLK1	685	700	700	705	711	710	708	710	711	709	707	708	709	709	709	712	709	706	706	705	712	705	718	708
TJGS	BLK1	403	406	404	402	406	402	404	406	402	404	403	400	407	403	406	404	401	404	408	686	687	686	688	683
TJGS	BLK2	450	450	451	446	452	449	449	451	451	451	450	447	451	450	449	449	452	449	450	450	466	680	681	680
Total CCGT-Gas		5198	5188	4998	4827	4699	4682	4379	4438	4165	4136	4066	4106	4343	4506	4330	4270	4718	5481	5790	5935	6139	6289	6330	6356
Total 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
BSIA	HYDR	45	46	45	45	46	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
CEND	HYDR	27	28	27	28	28	28	28	28	27	28	28	28	28	28	28	28	25	25	25	25	25	25	25	25
HTRG	PUAH	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
HTRG	TMBT	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
KNRG	HYDR	73	73	73	73	73	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
KNYR	HYDR	269	164	106	124	115	115	215	175	176	173	174	176	177	175	175	179	215	219	268	301	259	289	301	252
MHDY	MHDY	29	29	28	28	28	28	28	29	28	28	28	28	28	28	28	27	27	27	27	28	28	28	28	28
PGAU	HYDR	-3	16	16	-3	-3	-3	-3	-3	-3	37	-3	16	-3	-3	-3	-3	-3	16	-3	-3	-3	18	18	
SIHY	HYDR	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYSP	HYDR	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HYDR	112	95	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	172	172	140	166	166	162	163
UJLI	HYDR	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
Total Hydro		712	482	361	361	353	300	400	361	401	358	378	361	362	359	361	361	396	419	556	590	663	742	755	577

