

### Availability at Daily Maximum Demand Hour

ST-Coal	9,780 MW
ST-Gas	590 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,238 MW
Distillate	0 MW
Others	0 MW
Gas	9,746 MW
Co-Gen	0 MW
<b>Total System</b>	<b>23,944 MW</b>

### Maximum Demand Record

Date: 5/29/2024	20,045 MW
Date: 5/29/2024	423,825 MWH

### Set On Bus And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	20,940 MW
Spinning Reserve	1,144 MW
Maximum Demand	19,613 MW
Net Energy	416,625 MWH
Load Factor	89 %

### Gas Usage

Station	(mmscfd)
GLGR	30
SRDG	4
TJGS	175
CBPS	45
EMPP	288
KLPP	59
NPRI	141
PCGP	83
SGRI	60
SPGP	193
<b>Total Gas</b>	<b>1,078</b>

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### Generation Mix

Type	MWh	Percentage
ST-Coal	228,699	54.89 %
LSS	10,491	2.52 %
Hydro	16,199	3.89 %
Gas	162,641	39.04 %
Co-Gen	-599	-0.14 %
<b>Total Generation</b>	<b>417,431</b>	<b>100.19 %</b>
PLTG	86	0.02 %
HVDC	720	0.17 %
<b>Interconnection</b>	<b>806</b>	<b>0.19 %</b>
<b>Net Energy</b>	<b>416,625</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	104,999,504.93 RM
Cost per Unit	25.06 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	618
Hydro	439
Syncon	505
Thermal	168
<b>Total</b>	<b>1,730</b>

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	17408	16611	15946	15404	14980	14764	14932	14851	15111	16688	17379	17956	17902	17754	18620	19287	19464	19294	18082	18057	19245	19294	18780	18420

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, June 13, 2024 5:35:52 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator

### Daily MW Generation on Tuesday

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	696	695	696	696	695	696	695	696	695	696	695	696	695	696	695	696	695	696	695	696	695	696	695	696	
JMAH	U002	694	697	694	694	695	695	694	694	694	692	696	696	696	697	695	693	690	692	697	695	696	697	694	697	
JMHE	U001	930	930	933	930	931	926	925	927	928	927	926	926	925	927	925	931	930	930	931	929	929	931	929	930	
JMHE	U002	950	956	953	948	948	947	949	952	947	947	947	945	946	948	954	951	951	955	955	953	954	953	956	955	
JMIG	U001	668	671	668	672	662	670	667	662	666	673	669	671	670	662	668	607	666	668	669	666	675	666	668	664	634
JMIG	U003	671	672	672	672	672	672	668	666	671	668	671	669	666	671	672	668	666	669	669	669	670	667	671	668	671
JMIG	U005	977	972	974	974	981	974	972	977	952	952	948	947	946	951	952	948	952	979	977	977	973	977	979	975	
PKLG	U003	277	276	278	277	276	276	275	276	253	211	211	211	212	225	275	278	278	277	279	278	278	277	277	276	
PKLG	U004	274	276	275	273	276	275	275	271	263	205	204	202	262	277	276	275	275	277	275	277	276	272	274	270	
PKLG	U006	465	464	466	469	466	466	464	465	465	468	468	469	466	468	470	470	468	466	465	465	465	464	465	464	
TBIN	U001	690	688	689	689	687	688	688	689	687	689	689	689	688	688	688	689	688	689	689	688	689	689	689	689	
TBIN	U002	688	688	689	690	691	686	685	688	689	689	687	686	686	687	690	688	689	683	688	688	692	685	691	688	
TBIN	U003	686	687	685	687	687	684	688	687	688	688	688	686	684	687	684	686	686	688	685	687	685	685	685	688	
TBIN	U004	982	983	984	982	984	982	982	982	954	954	953	952	953	953	954	954	951	983	984	984	983	982	982	984	
Total ST-Coal		9648	9655	9656	9653	9652	9637	9627	9632	9554	9459	9453	9449	9436	9462	9584	9529	9592	9651	9658	9657	9657	9643	9652	9651	
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	361	283	201	202	202	201	202	202	201	202	202	201	202	201	201	201	202	282	361	361	201	202	338	362	
EMPP	BLK1	724	731	708	607	453	432	446	425	411	441	410	422	410	412	402	369	417	410	532	605	630	729	717	720	
EMPP	BLK2	729	731	732	729	728	601	616	608	599	603	600	608	599	603	592	592	605	602	599	730	731	730	714	723	714
EMPP	BLK3	727	731	712	613	456	431	448	429	410	446	410	409	412	402	368	418	413	534	603	631	730	717	723	714	
GLGR	BLK1	137	137	136	137	137	136	138	138	137	137	137	136	137	136	136	138	137	136	136	138	137	136	137	136	
KLPP	BLK1	183	182	180	182	181	185	183	183	180	181	183	184	181	181	179	178	183	181	188	186	188	188	187	187	
NPRI	BLK1	517	478	329	333	332	333	331	329	332	331	332	331	327	331	318	320	335	327	330	330	331	440	493	509	
NPRI	BLK2	520	501	500	408	340	335	334	334	334	334	334	334	326	334	323	322	338	331	334	335	334	403	524	526	
PCCGP	BLK1	590	601	603	603	602	603	431	400	402	403	402	402	388	452	381	379	406	495	602	602	603	604	596	595	
SGRI	BLK2	344	230	163	164	164	164	164	165	163	163	163	168	164	163	163	163	162	164	165	164	164	165	164	165	
SPGP	BLK1	713	713	713	714	714	711	710	546	551	449	448	451	549	549	449	398	400	714	711	709	706	703	697	697	
SPGP	BLK2	712	711	712	711	712	711	547	549	452	449	447	451	551	550	450	399	400	684	704	703	699	697	691	685	
TJGS	BLK1	502	400	399	404	397	400	399	404	400	402	400	401	393	400	399	391	401	404	402	396	397	400	453	452	
TJGS	BLK2	450	451	448	449	450	450	450	449	451	451	451	451	448	451	450	451	452	450	452	450	452	450	449	452	
Total CCGT-Gas		7209	6880	6536	6256	5868	5693	5397	5161	5023	4992	4919	4961	5084	5177	4845	4669	4858	5510	5881	6150	6207	6581	6828	6931	
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRDG	GT05	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 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	47	48	46	47	47	47	24	24	24	15	15	15	15	15	15	15	11	11	11	11	11	11	11	11	
CEND	HYDR	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	21	20	20	20	20	20	20	21	21	
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	
KNRG	HYDR	34	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
KNYR	HYDR	256	265	294	294	294	294	294	294	294	294	294	294	294	294	150	118	118	117	115	123	126	188	276	256	
MHDY	MHDY	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	
PGAU	HYDR	-3	-3	-3	-3	-3	-3	16	16	-3	-3	17	-2	-2	-2	-2	18	16	-3	16	16	16	16	16	16	
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	
SYPS	HYDR	0	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	40	40	40	45	40	40	51	69	42	83	42	46	70	74	39	38	41	40	42	40	42	46	40	40	
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		532	441	468	474	469	469	457	475	467	499	439	443	487	472	437	297	435	454	448	426	447	307	261	241	

