

### Availability at Daily Maximum Demand Hour

ST-Coal	9,660 MW
ST-Gas	0 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,426 MW
Distillate	0 MW
Others	0 MW
Gas	9,492 MW
Co-Gen	0 MW
<b>Total System</b>	<b>23,168 MW</b>

### Maximum Demand Record

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

### Gas Usage

Station	(mmscfd)
GLGR	16
TJGS	178
CBPS	48
EMPP	300
KLPP	70
NPRI	76
PCGP	83
SGRI	101
SKSP	28
SPGP	200
<b>Total Gas</b>	<b>1,101</b>

### Alternate Fuel Usage

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

### Set On Bus And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	21,078 MW
Spinning Reserve	1,271 MW
Maximum Demand	19,847 MW
Net Energy	417,785 MWH
Load Factor	88 %

### Generation Mix

Type	MWh	Percentage
ST-Coal	226,640	54.25 %
LSS	9,146	2.19 %
Hydro	18,886	4.52 %
Gas	166,246	39.79 %
Co-Gen	-642	-0.15 %
<b>Total Generation</b>	<b>420,276</b>	<b>100.60 %</b>
PLTG	1,072	0.26 %
HVDC	1,419	0.34 %
<b>Interconnection</b>	<b>2,491</b>	<b>0.60 %</b>
<b>Net Energy</b>	<b>417,785</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	104,196,636.79 RM
Cost per Unit	24.69 cents/kWH

<b>Total Gas Required</b>	<b>1,101</b>
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### Average Spinning Reserve During Peak Hour

Type	MW
GT	389
Hydro	429
Syncon	488
Thermal	173
<b>Total</b>	<b>1,479</b>

Time	Weather	Temperature
Afternoon	Sunny	32
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	17075	16315	15600	15072	14679	14387	14387	14479	15260	17008	17807	18366	18277	18241	19168	19517	19847	19370	18238	18059	19250	19337	18817	18569

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, May 30, 2024 9:38:44 AM

(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	632	634	633	635	635	633	633	635	634	635	635	634	634	635	634	636	635	635	634	635	633	635	634	634	634	635	634	635	637	633				
JMAH	U002	695	696	696	695	696	696	695	695	695	697	695	697	696	695	698	694	693	690	695	692	696	695	695	696	694	696	694	695	695	696	695	695		
JMHE	U001	925	927	931	927	923	930	929	919	922	919	921	922	919	920	921	922	932	928	930	928	928	928	927	924	928	927	928	925	928	927	926	926		
JMHE	U002	968	968	970	967	963	971	969	943	919	916	921	921	922	919	920	920	932	970	972	972	968	969	971	972	968	968	969	963	967	965	967	964		
JMJG	U001	684	689	661	662	663	673	670	667	671	667	656	671	667	657	666	666	668	668	661	667	666	677	662	585	510	517	519	512	520	529	594	634	640	
JMJG	U002	684	671	673	669	672	671	672	645	595	601	601	601	599	606	601	597	607	598	608	596	604	586	596	541	510	517	515	514	515	526	581	604	598	
JMJG	U005	975	974	973	977	974	971	975	974	917	922	924	920	916	922	916	916	940	976	976	975	976	977	975	977	977	972	977	982	976	972	972	977	973	
PKLG	U003	151	152	151	150	151	150	151	210	270	275	282	278	278	277	275	279	277	277	278	279	276	276	275	275	274	274	276	275	275	275	275	275	275	
PKLG	U004	276	276	276	275	274	276	277	276	277	273	276	278	274	275	274	273	277	273	273	274	275	274	272	271	272	271	272	271	272	270	268	273	271	
PKLG	U006	466	465	468	469	469	468	467	470	469	466	468	466	465	467	467	472	463	468	465	464	464	471	468	467	468	464	467	465	465	465	469	465	468	
TBIN	U001	688	690	688	689	690	691	689	688	691	689	689	690	691	690	689	689	689	688	690	690	689	690	690	687	689	689	691	689	690	688	689	689	688	
TBIN	U002	687	689	689	688	689	690	691	687	688	689	688	689	689	690	691	692	689	690	690	689	690	690	691	690	689	688	689	693	689	689	689	690	694	
TBIN	U003	685	685	685	686	688	688	685	684	680	686	685	687	686	688	685	687	686	688	685	687	686	685	687	686	688	683	686	683	690	683	686	686	686	
TBIN	U004	984	985	983	984	983	982	981	982	924	924	924	923	924	923	924	923	919	921	922	923	978	983	983	982	983	982	982	982	982	982	982	982	982	
Total ST-Coal		9500	9501	9477	9473	9470	9490	9483	9416	9292	9356	9354	9381	9360	9365	9367	9362	9407	9479	9481	9469	9533	9534	9528	9398	9282	9291	9303	9280	9293	9324	9436	9497	9493	
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	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	0	0	0	0	0	0	0	0	0	0
CBPS	BLK2	361	362	260	201	201	201	202	202	201	201	202	201	202	201	202	201	361	362	362	362	362	362	362	362	359	359	360	361	362	361	361	362	362	362
EMPP	BLK1	723	700	580	667	599	466	410	410	410	410	410	410	410	414	416	728	730	735	712	729	730	719	721	714	727	729	724	729	732	726	726	730	712	
EMPP	BLK2	747	756	756	756	747	755	756	756	756	747	747	747	747	758	759	755	752	752	738	743	744	729	728	719	736	739	732	734	740	732	731	736	720	
EMPP	BLK3	722	700	623	666	587	461	411	411	411	411	411	411	413	411	417	728	732	733	717	730	719	721	714	734	730	728	729	731	730	726	731	730		
GLGR	BLK1	60	60	60	60	0	0	0	25	25	30	40	40	35	35	0	35	35	35	35	42	42	41	42	43	55	71	76	107	127	132	132	132		
KLPP	BLK1	157	161	161	161	160	161	161	162	161	158	161	157	161	166	170	184	185	180	180	184	179	180	180	199	238	435	377	380	397	581	550	643	640	
NPRI	BLK2	506	522	523	522	517	522	513	368	342	323	331	344	334	345	325	391	383	511	520	522	515	521	518	507	509	509	514	514	511	512	515	514	517	
PCGP	BLK1	583	602	607	602	586	606	440	397	393	381	392	382	398	409	383	407	615	605	598	612	590	601	602	580	580	572	619	602	591	604	604	596		
SGRI	BLK1	627	629	537	335	161	166	160	163	164	161	162	157	164	161	158	166	167	165	161	169	228	378	410	406	410	397	348	429	518	515	520	623	623	
SGRI	BLK2	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	
SKSP	BLK1	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
SPGP	BLK1	708	707	709	710	709	707	711	707	707	707	597	528	529	529	598	656	704	706	708	706	704	703	700	694	688	686	682	705	688	699	698	698	699	
SPGP	BLK2	703	702	701	702	703	701	702	702	707	529	530	528	530	649	570	529	696	700	701	699	698	697	695	686	678	676	671	670	696	678	689	685	688	
TJGS	BLK1	596	395	400	399	399	400	402	403	401	395	402	397	400	400	404	404	401	404	562	693	690	690	687	682	684	676	646	687	686	689	685	687	687	
TJGS	BLK2	259	259	260	259	259	259	258	259	260	260	259	260	260	254	300	408	624	680	680	679	678	680	679	681	475	680	680	682	680	680	680	679		
Total CCGT-Gas		6752	6555	6177	6040	5688	5405	5126	4939	4913	4708	4629	4552	4575	4728	4678	4812	5280	6091	6664	6882	6848	7048	7078	7044	7200	7416	7328	7619	7769	7999	8026	8223		
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	0	0	0	0	0	0	0	0	0	
BSIA	HYDR	47	47	47	47	47	47	47	47	46	46	45	45	45	45	22	12	12	12	12	12	12	12	12	12	12	12	35	36	35	46	46	47		
CEND	HYDR	18	18	18	19	18	18	18	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
HTRG	PUAH	68	68	68	-1	-1	-1	-1	-1	-1	-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	111	111	111	111	111	111	111	57	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	39	39	39	39	39	39	
KNYR	HYDR	385	393	392	395	392	393	388	392	392	386	382	378	380	395	382	394	394	395	393	395	391	353	354	339	350	195	222	297	394	373	375	368		
MHDY	MHDY	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
PGAU	HYDR	17	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	
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	0	0	0	0	0	0	0	0	0	
SYPS	HYDR	77	26	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	
TMGR	HYDR	139	97	64	63	30	31	30	30	30	29	30	29	30	30	30	31	34	63	41	83	156	198	211	205	203	97	115	107	235	306	305	305		
UJLI	HYDR	-1	-1	-1	-1	-1	-1	-2	-2	-2	-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		958	764	704	638	601	603</																												

