

### Availability at Daily Maximum Demand Hour

ST-Coal	9,980 MW
ST-Gas	296 MW
ST-Oil	0 MW
LSS	1,590 MW
Hydro	2,326 MW
Distillate	0 MW
Others	0 MW
Gas	8,590 MW
Co-Gen	0 MW
<b>Total System</b>	<b>22,782 MW</b>

### Maximum Demand Record

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

### Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	102
CBPS	40
EMPP	174
KLPP	36
NPRI	69
PCGP	79
SPGP	192
<b>Total Gas</b>	<b>722</b>

### Alternate Fuel Usage

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

### Set On Bus And MD

Daily Maximum Demand Hour at:	21:00:00 Hour
Total Set On Bus	17,809 MW
Spinning Reserve	1,098 MW
Maximum Demand	16,814 MW
Net Energy	334,537 MWH
Load Factor	83 %

### Generation Mix

Type	MWh	Percentage
ST-Coal	205,726	61.50 %
LSS	8,172	2.44 %
Hydro	10,020	3.00 %
Gas	108,778	32.52 %
Co-Gen	93	0.03 %
<b>Total Generation</b>	<b>332,789</b>	<b>99.48 %</b>
PLTG	-1,188	-0.36 %
EGAT	5	0.00 %
HVDC	-565	-0.17 %
<b>Interconnection</b>	<b>-1,748</b>	<b>-0.52 %</b>
<b>Net Energy</b>	<b>334,537</b>	<b>100.00 %</b>

### Fuel Cost

Total Cost:	79,797,114.45 RM
Cost per Unit	23.89 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	969
Hydro	253
Syncon	956
Thermal	575
<b>Total</b>	<b>2,753</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	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	14994	14356	13822	13424	13000	12788	12704	12487	11712	11873	12284	12630	12878	13142	13670	13992	14165	14389	14392	15083	16673	16814	16580	16161

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, June 6, 2024 5:24:39 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																											
ESTL	ESTL	10	8	4	0	0	3	8	10	2	0	0	0	0	1	8	14	14	12	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	10	3	0	0	0	0	0	0	0	6							
PCUF	CUFG	32	32	33	33	33	32	34	32	32	33	33	30	32	33	31	32	32	33	32	33	32	33	32	33	32	33	32	31	32	33	34	32	33	33	33	32	32	33	33	32	33										
PCUF	CUFK	13	13	13	14	14	13	14	14	14	14	14	13	14	14	13	14	33	30	29	30	29	30	29	30	29	29	28	29	28	28	28	25	24	17	17	11	8	8	7	9	9	8	8	8	9	8	10				
Total NEDA Co-Gen		<b>55</b>	<b>53</b>	<b>50</b>	<b>47</b>	<b>47</b>	<b>48</b>	<b>56</b>	<b>56</b>	<b>48</b>	<b>47</b>	<b>47</b>	<b>44</b>	<b>45</b>	<b>48</b>	<b>53</b>	<b>59</b>	<b>60</b>	<b>77</b>	<b>63</b>	<b>61</b>	<b>63</b>	<b>62</b>	<b>61</b>	<b>63</b>	<b>62</b>	<b>61</b>	<b>61</b>	<b>60</b>	<b>61</b>	<b>61</b>	<b>57</b>	<b>57</b>	<b>49</b>	<b>48</b>	<b>43</b>	<b>41</b>	<b>42</b>	<b>49</b>	<b>45</b>	<b>42</b>	<b>42</b>	<b>40</b>	<b>40</b>	<b>41</b>	<b>42</b>	<b>40</b>	<b>49</b>				
Total NEDA Solar		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Total Generation		<b>14981</b>	<b>14610</b>	<b>14301</b>	<b>14039</b>	<b>13792</b>	<b>13601</b>	<b>13389</b>	<b>13209</b>	<b>12979</b>	<b>12870</b>	<b>12700</b>	<b>12706</b>	<b>12636</b>	<b>12701</b>	<b>12468</b>	<b>11924</b>	<b>11730</b>	<b>11755</b>	<b>11798</b>	<b>11996</b>	<b>12253</b>	<b>12407</b>	<b>12660</b>	<b>12815</b>	<b>12895</b>	<b>12919</b>	<b>13055</b>	<b>13379</b>	<b>13605</b>	<b>13800</b>	<b>13951</b>	<b>14144</b>	<b>14253</b>	<b>14359</b>	<b>14510</b>	<b>14502</b>	<b>14423</b>	<b>14499</b>	<b>15027</b>	<b>16029</b>	<b>16597</b>	<b>16738</b>	<b>16775</b>	<b>16690</b>	<b>16537</b>	<b>16414</b>	<b>16128</b>	<b>15866</b>			
ESTL	ESTL	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	-10	0	-11	0	0	0	0	0	0
KHTC	BLK1	-50	-50	-51	-49	-51	-46	-47	-46	-45	-46	-44	-42	-43	-42	-40	-38	-38	-41	-42	-42	-43	-46	-46	-52	-53	-56	-49	-49	-51	-39	-39	-42	-43	-46	-50	-56	-53	-55	-54	-54	-53	-56	-56	-55	-55	-53	-50	-51			
Total Franchise Area		<b>-50</b>	<b>-50</b>	<b>-51</b>	<b>-49</b>	<b>-51</b>	<b>-46</b>	<b>-47</b>	<b>-46</b>	<b>-45</b>	<b>-46</b>	<b>-44</b>	<b>-42</b>	<b>-43</b>	<b>-42</b>	<b>-40</b>	<b>-38</b>	<b>-38</b>	<b>-41</b>	<b>-42</b>	<b>-42</b>	<b>-43</b>	<b>-46</b>	<b>-46</b>	<b>-52</b>	<b>-53</b>	<b>-56</b>	<b>-49</b>	<b>-49</b>	<b>-51</b>	<b>-39</b>	<b>-39</b>	<b>-42</b>	<b>-43</b>	<b>-46</b>	<b>-50</b>	<b>-56</b>	<b>-53</b>	<b>-55</b>	<b>-54</b>	<b>-54</b>	<b>-63</b>	<b>-56</b>	<b>-67</b>	<b>-55</b>	<b>-55</b>	<b>-53</b>	<b>-50</b>	<b>-51</b>			
Singapore		-120	-145	-161	-77	-51	-62	-51	-55	-35	-58	-100	-22	-80	-52	-27	-6	11	-4	-85	-102	-42	-50	15	-79	-4	-103	-103	-95	-84	-80	-48	43	76	56	104	78	9	-75	-79	-94	-106	-84	-76	-39	-65	-64	-51	-51			
Thailand		60	60	58	-30	-28	-30	-28	-30	-28	-29	-29	-28	-28	-30	-28	-28	-29	-30	-29	-30	-29	-29	-28	-28	-29	-31	-30	-28	-29	-27	-29	-29	-28	-30	-29	-29	-28	-28	-28	-29	-30	-28	-28	-28	-30	-30	-29	-30			
Interconnection		<b>-60</b>	<b>-85</b>	<b>-103</b>	<b>-107</b>	<b>-78</b>	<b>-93</b>	<b>-79</b>	<b>-85</b>	<b>-63</b>	<b>-86</b>	<b>-129</b>	<b>-51</b>	<b>-108</b>	<b>-80</b>	<b>-56</b>	<b>-36</b>	<b>-17</b>	<b>-32</b>	<b>-114</b>	<b>-132</b>	<b>-71</b>	<b>-79</b>	<b>-13</b>	<b>-107</b>	<b>-33</b>	<b>-133</b>	<b>-133</b>	<b>-123</b>	<b>-113</b>	<b>-107</b>	<b>-77</b>	<b>14</b>	<b>48</b>	<b>26</b>	<b>74</b>	<b>49</b>	<b>-19</b>	<b>-104</b>	<b>-107</b>	<b>-123</b>	<b>-136</b>	<b>-112</b>	<b>-103</b>	<b>-67</b>	<b>-95</b>	<b>-94</b>	<b>-80</b>	<b>-81</b>			
Total Demand		<b>14994</b>	<b>14648</b>	<b>14356</b>	<b>14100</b>	<b>13822</b>	<b>13651</b>	<b>13424</b>	<b>13251</b>	<b>13000</b>	<b>12913</b>	<b>12788</b>	<b>12718</b>	<b>12704</b>	<b>12742</b>	<b>12487</b>	<b>11925</b>	<b>11712</b>	<b>11749</b>	<b>11873</b>	<b>12089</b>	<b>12284</b>	<b>12443</b>	<b>12630</b>	<b>12873</b>	<b>12878</b>	<b>12999</b>	<b>13142</b>	<b>13456</b>	<b>13670</b>	<b>13871</b>	<b>13992</b>	<b>14091</b>	<b>14165</b>	<b>14290</b>	<b>14389</b>	<b>14400</b>	<b>14392</b>	<b>14551</b>	<b>15083</b>	<b>16101</b>	<b>16673</b>	<b>16797</b>	<b>16814</b>	<b>16705</b>	<b>16580</b>	<b>16458</b>	<b>16161</b>	<b>15899</b>			
SRev ST-Coal		358	367	348	409	604	695	744	699	710	691	702	703	705	713	704	699	783	780	792	793	792	781	786	785	775	791	789	783	786	776	768	759	664	665	628	616	603	608	573	183	148	138	142	150	173	168	162	210			
SRev CCGT-Gas		310	552	865	834	753	756	943	1167	1307	1385	1574	1591	1686	1577	1799	2290	2298	2329	2283	2280	2278	2210	2016	1907	1799	1642	1605	1293	1026	884	757	823	927	704	598	557	789	750	644	188	163	157	156	160	189	229	414	464			
SRev Co-Gen		2	0	0	0	2	0	0	0	-1	1	-1	0	0	0	0	0	0	0	0	0	0	0	-2	0	-1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	2	1	0	0	0	0	1	0			
Syncon		1043	1079	1230	1230	1230	1230	1079	1079	1230	1230	1079	1230	1230	1230	1230	1230	1079	1230	1079	1230	1079	1230	1230	1080	1230	1230	1230	1230	1080	1230	1230	1230	1079	1230	1230	1230	1079	1230	1230	1230	978	428	428	277	428	516	703	804	804		
Hydro		198	281	151	150	148	142	271	274	147	131	269	85	64	67	78	153	160	156	298	162	306	78	117	204	172	170	76	153	156	151	73	158	165	166	176	304	178	204	227	365	539	414	523	495	489	391	294	283			
S.Reserve Total		<b>1911</b>	<b>2279</b>	<b>2594</b>	<b>2623</b>	<b>2737</b>	<b>2823</b>	<b>3037</b>	<b>3219</b>	<b>3393</b>	<b>3438</b>	<b>3623</b>	<b>3609</b>	<b>3685</b>	<b>3587</b>	<b>3810</b>	<b>4372</b>	<b>4471</b>	<b>4495</b>	<b>4452</b>	<b>4465</b>	<b>4455</b>	<b>4299</b>	<b>4147</b>	<b>3975</b>	<b>3975</b>	<b>3833</b>	<b>3701</b>	<b>3460</b>	<b>3198</b>	<b>2891</b>	<b>2828</b>	<b>2970</b>	<b>2986</b>	<b>2766</b>	<b>2632</b>	<b>2556</b>	<b>2800</b>	<b>2792</b>	<b>2674</b>	<b>1716</b>	<b>1279</b>	<b>1137</b>	<b>1098</b>	<b>1233</b>	<b>1367</b>	<b>1491</b>	<b>1675</b>	<b>1761</b>			