

## 7.4 MONTHWISE PLANT LOAD FACTORS OF THERMAL /NUCLEAR UNITS DURING 2000-2001

(ALL FIGS. IN %)

| S.No.                            | Power Station                      | Effective Capacity MW | APR - 00     | MAY- 00      | JUN - 00     | JUL - 00     | AUG - 00     | SEP - 00     | OCT - 00     | NOV - 00     | DEC - 00     | JAN - 01     | FEB - 01     | MAR - 01     | 2000-2001    |
|----------------------------------|------------------------------------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>A CENTRAL SECTOR (CS)</b>     |                                    |                       |              |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>1</b>                         | <b>NTPC</b>                        |                       |              |              |              |              |              |              |              |              |              |              |              |              |              |
| (a)                              | Badarpur TPS                       | 705.00                | 79.31        | 86.68        | 87.62        | 88.78        | 87.46        | 85.95        | 94.03        | 73.01        | 69.02        | 77.91        | 88.99        | 88.00        | 83.88        |
| (b)                              | Singrauli STPS                     | 2000.00               | 90.03        | 96.26        | 93.02        | 91.89        | 90.12        | 91.56        | 90.12        | 94.68        | 97.48        | 94.87        | 99.13        | 92.90        | 93.47        |
| (c)                              | Rihand STPS                        | 1000.00               | 93.88        | 89.88        | 87.24        | 88.81        | 58.56        | 54.39        | 94.87        | 95.08        | 97.19        | 97.61        | 96.50        | 101.66       | 87.96        |
| (d)                              | Dadri NCTPS                        | 840.00                | 76.19        | 97.12        | 96.02        | 97.13        | 90.15        | 75.23        | 99.49        | 98.55        | 99.98        | 98.86        | 100.10       | 93.74        | 93.57        |
| (e)                              | Unchahar TPS -I                    | 420.00                | 101.24       | 98.30        | 94.67        | 71.23        | 70.43        | 97.81        | 102.36       | 101.26       | 93.63        | 52.26        | 90.70        | 98.07        | 89.22        |
| (f)                              | Unchahar TPS -II                   | 420.00                | 4.44         | 29.79        | 47.60        | 47.02        | 30.28        | 48.47        | 48.92        | 59.69        | 90.63        | 88.84        | 87.42        | 100.05       | 56.86        |
| (g)                              | Tanda TPS                          | 440.00                | 13.07        | 16.96        | 19.30        | 19.56        | 24.60        | 39.97        | 40.96        | 36.81        | 45.84        | 28.65        | 38.81        | 45.25        | 30.79        |
|                                  | <b>Total NTPC (Coal) CS (coal)</b> | <b>5825.00</b>        | <b>76.22</b> | <b>83.50</b> | <b>83.08</b> | <b>81.55</b> | <b>73.70</b> | <b>75.59</b> | <b>86.96</b> | <b>86.26</b> | <b>89.67</b> | <b>85.35</b> | <b>91.59</b> | <b>91.22</b> | <b>83.70</b> |
| (h)                              | Anta GPS                           | 419.33                | 90.30        | 87.07        | 85.44        | 83.05        | 73.03        | 59.61        | 82.06        | 93.53        | 96.52        | 65.29        | 65.14        | 58.35        | 78.35        |
| (i)                              | Auraiya GPS                        | 663.36                | 62.12        | 84.24        | 77.38        | 89.15        | 85.28        | 92.30        | 88.44        | 71.92        | 70.32        | 72.12        | 92.68        | 81.29        | 80.56        |
| (j)                              | Dadri GPS                          | 829.78                | 69.01        | 60.39        | 64.10        | 68.62        | 82.65        | 88.48        | 83.91        | 91.23        | 63.47        | 73.37        | 92.17        | 96.31        | 77.69        |
| (k)                              | Faridabad GPS                      | 431.57                | 87.51        | 44.58        | 51.23        | 65.57        | 51.29        | 61.98        | 61.02        | 78.01        | 92.60        | 77.23        | 73.67        | 71.31        | 68.74        |
|                                  | <b>Total NTPC (Gas) CS ( gas)</b>  | <b>2344.04</b>        | <b>73.33</b> | <b>70.74</b> | <b>70.59</b> | <b>77.23</b> | <b>75.90</b> | <b>79.52</b> | <b>80.64</b> | <b>83.74</b> | <b>76.69</b> | <b>72.28</b> | <b>84.08</b> | <b>80.67</b> | <b>77.16</b> |
|                                  | <b>Total NTPC</b>                  | <b>8169.04</b>        | <b>75.43</b> | <b>80.01</b> | <b>79.67</b> | <b>80.37</b> | <b>74.33</b> | <b>76.72</b> | <b>85.15</b> | <b>85.54</b> | <b>85.95</b> | <b>81.60</b> | <b>89.43</b> | <b>88.19</b> | <b>81.85</b> |
| <b>2</b>                         | <b>NPC</b>                         |                       |              |              |              |              |              |              |              |              |              |              |              |              |              |
| (a)                              | RAPS -A                            | 300.00                | 93.44        | 96.16        | 97.13        | 74.72        | 99.44        | 104.07       | 37.00        | 59.43        | 60.24        | 60.76        | 46.10        | 59.66        | 74.08        |
| (b)                              | RAPS -B                            | 440.00                | 19.17        | 45.76        | 63.26        | 64.14        | 83.20        | 85.23        | 98.84        | 33.93        | 68.18        | 44.42        | 69.22        | 88.03        | 62.69        |
| (c)                              | NAPS                               | 440.00                | 45.30        | 93.22        | 85.03        | 50.43        | 88.76        | 82.04        | 97.04        | 69.31        | 65.65        | 78.37        | 93.36        | 99.15        | 78.95        |
|                                  | <b>Total NPC</b>                   | <b>1180.00</b>        | <b>54.36</b> | <b>83.26</b> | <b>83.82</b> | <b>61.16</b> | <b>90.82</b> | <b>89.65</b> | <b>78.69</b> | <b>56.24</b> | <b>65.22</b> | <b>61.23</b> | <b>72.34</b> | <b>84.96</b> | <b>72.80</b> |
| <b>Total Central Sector (CS)</b> |                                    | <b>9349.04</b>        | <b>73.18</b> | <b>80.36</b> | <b>80.11</b> | <b>78.32</b> | <b>76.07</b> | <b>78.08</b> | <b>84.47</b> | <b>82.23</b> | <b>83.33</b> | <b>79.03</b> | <b>87.27</b> | <b>87.79</b> | <b>80.82</b> |

## 7.4 MONTHWISE PLANT LOAD FACTORS OF THERMAL /NUCLEAR UNITS DURING 2000-2001

(ALL FIGS. IN %)

| S.No.    | Power Station                   | Effective Capacity MW | APR - 00     | MAY- 00      | JUN - 00     | JUL - 00     | AUG - 00     | SEP - 00     | OCT - 00     | NOV - 00     | DEC - 00     | JAN - 01     | FEB - 01     | MAR - 01     | 2000-2001    |
|----------|---------------------------------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>B</b> | <b>STATE SECTOR</b>             |                       |              |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>1</b> | <b>DELHI</b>                    |                       |              |              |              |              |              |              |              |              |              |              |              |              |              |
| (a)      | Indra Prastha                   | 247.50                | 34.69        | 54.31        | 43.91        | 43.14        | 38.52        | 37.22        | 36.36        | 42.99        | 37.39        | 41.25        | 32.92        | 35.19        | 39.88        |
| (b)      | Rajghat                         | 149.00                | 63.35        | 70.84        | 64.85        | 74.72        | 69.41        | 39.65        | 64.07        | 57.91        | 70.40        | 48.19        | 47.72        | 54.37        | 60.61        |
|          | <b>Total DELHI (coal fired)</b> | <b>396.50</b>         | <b>45.46</b> | <b>60.52</b> | <b>51.78</b> | <b>55.01</b> | <b>50.13</b> | <b>38.13</b> | <b>46.78</b> | <b>48.60</b> | <b>49.79</b> | <b>43.86</b> | <b>38.48</b> | <b>42.40</b> | <b>47.67</b> |
| (c)      | DVB GT                          | 282.00                | 28.15        | 42.61        | 37.92        | 40.56        | 37.52        | 46.84        | 48.53        | 51.18        | 50.65        | 58.00        | 56.93        | 54.68        | 46.10        |
|          | <b>Total DELHI</b>              | <b>678.50</b>         | <b>38.26</b> | <b>53.08</b> | <b>46.02</b> | <b>49.00</b> | <b>44.88</b> | <b>41.75</b> | <b>47.51</b> | <b>49.67</b> | <b>50.15</b> | <b>49.73</b> | <b>46.15</b> | <b>47.50</b> | <b>47.02</b> |
| <b>2</b> | <b>HARYANA</b>                  |                       |              |              |              |              |              |              |              |              |              |              |              |              |              |
| (a)      | Faridabad (New)                 | 165.00                | 61.80        | 67.01        | 68.79        | 63.52        | 60.54        | 40.77        | 38.48        | 46.66        | 59.98        | 41.14        | 67.89        | 66.23        | 56.84        |
| (b)      | Panipat                         | 860.00                | 36.31        | 19.49        | 35.23        | 45.02        | 49.93        | 62.45        | 60.01        | 48.11        | 60.32        | 61.95        | 31.33        | 62.44        | 47.88        |
|          | <b>Total HARYANA</b>            | <b>1025.00</b>        | <b>41.47</b> | <b>29.11</b> | <b>42.03</b> | <b>48.76</b> | <b>52.08</b> | <b>58.06</b> | <b>55.65</b> | <b>47.81</b> | <b>60.25</b> | <b>57.74</b> | <b>38.74</b> | <b>63.21</b> | <b>49.69</b> |
| <b>3</b> | <b>J &amp; K</b>                |                       |              |              |              |              |              |              |              |              |              |              |              |              |              |
| (a)      | Pampore GT                      | 175.00                | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 1.13         | 1.79         | 0.24         |
|          | <b>Total J &amp; K</b>          | <b>175.00</b>         | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>0.00</b>  | <b>1.13</b>  | <b>1.79</b>  | <b>0.24</b>  |
| <b>4</b> | <b>PUNJAB</b>                   |                       |              |              |              |              |              |              |              |              |              |              |              |              |              |
| (a)      | GNDTPS (Bhatinda)               | 440.00                | 77.35        | 56.28        | 78.03        | 74.66        | 78.42        | 78.59        | 72.97        | 62.08        | 73.35        | 79.87        | 77.85        | 61.02        | 72.48        |
| (b)      | GGSTPS (Ropar)                  | 1260.00               | 76.09        | 72.40        | 80.20        | 85.57        | 88.34        | 62.74        | 61.60        | 76.26        | 76.27        | 81.83        | 81.02        | 75.00        | 76.43        |
| (c)      | Lehra Mohabbat TPS              | 420.00                | 56.86        | 75.41        | 91.65        | 96.57        | 98.10        | 94.29        | 98.21        | 65.76        | 94.55        | 85.48        | 96.34        | 98.76        | 87.71        |
|          | <b>Total PUNJAB</b>             | <b>2120.00</b>        | <b>72.54</b> | <b>69.65</b> | <b>82.02</b> | <b>85.49</b> | <b>88.21</b> | <b>72.28</b> | <b>71.21</b> | <b>71.24</b> | <b>79.29</b> | <b>82.15</b> | <b>83.40</b> | <b>76.81</b> | <b>77.85</b> |
| <b>5</b> | <b>RAJASTHAN</b>                |                       |              |              |              |              |              |              |              |              |              |              |              |              |              |
| (a)      | Kota TPS                        | 850.00                | 87.23        | 88.77        | 75.32        | 62.02        | 71.85        | 68.37        | 97.57        | 101.06       | 100.84       | 93.98        | 93.43        | 95.70        | 86.32        |
| (b)      | RAMGARH GT                      | 3.00                  | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| (c)      | RAMGARH GT EXT                  | 35.50                 | 82.89        | 81.00        | 73.31        | 79.76        | 80.60        | 37.99        | 80.70        | 78.02        | 52.11        | 80.73        | 82.13        | 76.09        | 73.77        |
| (d)      | Suratgarh TPS                   | 500.00                | 42.53        | 45.12        | 53.86        | 62.75        | 42.47        | 83.79        | 78.39        | 91.09        | 87.98        | 92.82        | 96.55        | 98.97        | 72.89        |
|          | <b>Total RAJASTHAN</b>          | <b>1388.50</b>        | <b>70.83</b> | <b>72.66</b> | <b>67.38</b> | <b>62.60</b> | <b>61.34</b> | <b>73.00</b> | <b>90.02</b> | <b>96.66</b> | <b>94.74</b> | <b>93.02</b> | <b>94.06</b> | <b>96.17</b> | <b>80.98</b> |

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(ALL FIGS. IN %)

| S.No.    | Power Station                    | Effective Capacity MW | APR - 00     | MAY- 00      | JUN - 00     | JUL - 00     | AUG -00      | SEP - 00     | OCT - 00     | NOV - 00     | DEC - 00     | JAN - 01     | FEB - 01     | MAR - 01     | 2000-2001    |
|----------|----------------------------------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>6</b> | <b>UP</b>                        |                       |              |              |              |              |              |              |              |              |              |              |              |              |              |
| (a)      | Obra                             | 160.00                | 40.41        | 36.91        | 33.77        | 38.63        | 33.83        | 18.79        | 33.75        | 39.58        | 24.48        | 31.47        | 28.14        | 27.11        | 32.26        |
| (b)      | Obra Extn. - I                   | 282.00                | 39.47        | 24.17        | 30.01        | 26.77        | 29.43        | 22.97        | 22.11        | 11.19        | 10.81        | 14.93        | 14.67        | 15.28        | 21.83        |
| (c)      | Obra Extn. - II                  | 1000.00               | 53.64        | 50.99        | 50.81        | 59.47        | 60.94        | 54.59        | 54.69        | 59.06        | 49.59        | 52.24        | 59.02        | 68.69        | 56.14        |
| (d)      | Panki                            | 32.00                 | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| (e)      | Panki Extn.                      | 210.00                | 67.70        | 62.01        | 57.08        | 56.67        | 57.43        | 47.46        | 31.26        | 29.46        | 27.17        | 29.67        | 44.15        | 52.19        | 46.84        |
| (f)      | Harduaganj - A                   | 0.00                  |              |              |              |              |              |              |              |              |              |              |              |              |              |
| (g)      | Harduaganj - B                   | 150.00                |              |              |              |              |              |              |              |              |              |              |              |              |              |
| (h)      | Harduaganj - C                   | 225.00                | 25.16        | 20.16        | 24.08        | 21.44        | 14.18        | 20.80        | 23.14        | 17.91        | 23.04        | 20.07        | 48.26        | 20.49        | 35.92        |
| (i)      | Paricha                          | 220.00                | 25.34        | 43.51        | 41.37        | 41.38        | 28.90        | 27.71        | 32.44        | 25.78        | 25.91        | 24.13        | 30.13        | 25.79        | 31.05        |
| (j)      | Anpara - A                       | 630.00                | 76.82        | 72.11        | 77.41        | 78.71        | 72.38        | 38.62        | 62.15        | 86.59        | 83.38        | 75.76        | 88.06        | 91.85        | 75.28        |
| (k)      | Anpara - B                       | 1000.00               | 86.30        | 79.98        | 98.65        | 41.45        | 98.34        | 89.94        | 93.67        | 93.04        | 100.41       | 79.50        | 56.73        | 86.68        | 83.86        |
|          | <b>Total UP</b>                  | <b>3909.00</b>        | <b>60.16</b> | <b>56.09</b> | <b>61.96</b> | <b>49.45</b> | <b>61.99</b> | <b>51.73</b> | <b>56.67</b> | <b>60.04</b> | <b>58.72</b> | <b>53.15</b> | <b>52.86</b> | <b>62.98</b> | <b>57.17</b> |
|          | <b>State Sector (gas fired)</b>  | <b>495.50</b>         | <b>21.96</b> | <b>30.05</b> | <b>26.83</b> | <b>28.80</b> | <b>27.13</b> | <b>29.38</b> | <b>33.40</b> | <b>34.72</b> | <b>32.56</b> | <b>38.79</b> | <b>38.68</b> | <b>37.20</b> | <b>31.60</b> |
|          | <b>State Sector (coal fired)</b> | <b>8800.50</b>        | <b>59.94</b> | <b>57.05</b> | <b>62.27</b> | <b>56.90</b> | <b>64.34</b> | <b>55.41</b> | <b>60.46</b> | <b>61.68</b> | <b>64.28</b> | <b>61.26</b> | <b>59.33</b> | <b>66.83</b> | <b>59.70</b> |
|          | <b>State Sector (total)</b>      | <b>9296.00</b>        | <b>57.87</b> | <b>55.58</b> | <b>60.33</b> | <b>55.37</b> | <b>62.31</b> | <b>53.99</b> | <b>58.98</b> | <b>60.21</b> | <b>62.55</b> | <b>60.04</b> | <b>58.20</b> | <b>65.17</b> | <b>59.10</b> |
|          | <b>Region (coal fired)</b>       | <b>14625.50</b>       | <b>66.52</b> | <b>67.74</b> | <b>70.68</b> | <b>66.86</b> | <b>68.12</b> | <b>63.57</b> | <b>71.16</b> | <b>71.61</b> | <b>74.54</b> | <b>71.00</b> | <b>72.36</b> | <b>76.84</b> | <b>69.98</b> |
|          | <b>Region (gas fired)</b>        | <b>2839.54</b>        | <b>63.85</b> | <b>63.23</b> | <b>62.51</b> | <b>68.28</b> | <b>67.39</b> | <b>70.77</b> | <b>72.40</b> | <b>75.19</b> | <b>68.99</b> | <b>66.44</b> | <b>76.15</b> | <b>73.08</b> | <b>69.06</b> |
|          | <b>Region (nuclear)</b>          | <b>1180.00</b>        | <b>54.36</b> | <b>83.26</b> | <b>83.82</b> | <b>61.16</b> | <b>90.82</b> | <b>89.65</b> | <b>78.69</b> | <b>56.24</b> | <b>65.22</b> | <b>61.23</b> | <b>72.34</b> | <b>84.96</b> | <b>72.80</b> |
|          | <b>Region (Coal+Gas+Thermal)</b> | <b>18645.04</b>       | <b>65.48</b> | <b>67.89</b> | <b>70.16</b> | <b>66.77</b> | <b>69.21</b> | <b>66.06</b> | <b>71.75</b> | <b>71.29</b> | <b>73.09</b> | <b>69.67</b> | <b>72.95</b> | <b>75.83</b> | <b>70.00</b> |

**Notes:**

The following have been considered while working out Plant Load Factor (PLF):

- (i) The effective capacity in MW not the Installed capacity.
- (ii) Actual generation and not deemed generation.
- (iii) Effective capacity of new generating units has been considered from their respective synchronisation dates.