

**GOVERNMENT OF INDIA  
MINISTRY OF POWER  
LOK SABHA  
UNSTARRED QUESTION NO.30  
ANSWERED ON 02.02.2023**

**HYDRO POWER PROJECTS**

**30. SHRI VINOD KUMAR SONKAR:  
DR. SUKANTA MAJUMDAR:  
SHRI RAJVEER SINGH (RAJU BHAIYA):  
SHRI BHOLA SINGH:**

**Will the Minister of POWER  
be pleased to state:**

- (a) the details of hydro power projects constructed/under construction along with their installed capacity, State/UT-wise including West Bengal and Uttar Pradesh;**
- (b) the details of the hydro power projects in operation and the quantum of hydro power generated by each of the project during the last three years and the current year, State/UT-wise;**
- (c) the reasons for under utilisation of the installed capacity and the steps being taken by the Government to improve the efficiency of hydro power projects for generation of power as per their installed capacity;**
- (d) whether the Government proposes to revive the stalled hydro power projects in order to increase the renewable power generation across the country and if so, the details thereof; and**
- (e) the other steps taken by the Government for completion of hydro power projects in a time bound manner in the country?**

**A N S W E R**

**THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY**

**(SHRI R.K. SINGH)**

**(a) & (b) : As on 31.12.2022, a total of 211 no. of Hydro Electric Projects (HEPs) (above 25 MW) aggregating to an Installed capacity of 46850.15 MW were in operation in the country including West Bengal and Uttar Pradesh. The details of the HEPs and the quantum of power generated by each of the project during the last three years and the current year, State/UT-wise, is enclosed at Annexure-I.**

**Further, 39 HEPs (above 25 MW) aggregating to 14623.5 MW are under implementation in the country. Out of these, 30 HEPs aggregating to 13387.5 MW are under active construction and likely to be commissioned by the year 2026-27 and 9 HEPs**

aggregating to 1236 MW are presently stalled. The list of these HEPs is enclosed at Annexure-II.

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(c) : During the last 3 years, the actual generation from HEPs has been more than the targeted generation. The generation during the year 2019-20, 2020-21 and 2021-22 was 113.76%, 107.08% and 101.39% of the target.

However, low rainfall or glacial melt in the catchment area of the river can affect the overall generation from the HEPs, which is beyond the control of the generating company.

(d) : As on 31.12.2022, 9 nos. of HEPs totalling to 1236 MW are stalled. The steps taken by developer/Government and present status for revival of these projects are enclosed at Annexure-III.

Further, in order to fast-track the development of HEPs in North Eastern Region, a basin-wise indication of projects has been undertaken to CPSUs to facilitate integrated basin-wise development.

(e) : The following steps have been taken to ensure that HEPs are completed in a time bound manner:-

- I. Notification of a “Dispute Avoidance Mechanism” through “Independent Engineer (IE)” and “Dispute Resolution Mechanism” through “Conciliation Committee of Independent Experts (CCIE)” to expeditiously and effectively address contractual disputes.
- II. Ministry of Power, Government of India has notified guidelines dated 08.11.2019 to reduce the incidence of time and cost over-run in Hydro Power Projects by adopting various measures like preparation of realistic project schedule based on past experience of projects in vicinity, use of latest Software tools like Primavera, MS-Project etc. for monitoring of projects on regular basis, seeking prior approval of competent authority if the project is not likely to be commissioned within the prescribed time limit.
- III. Development of an IT based monitoring system at national level to monitor the progress of under construction HEPs.
- IV. Regular site visits and interaction with the developers & other stake holders by the Ministry of Power and Central Electricity Authority to monitor the progress of under-construction projects and facilitate faster resolution of inter-ministerial and other outstanding issues.
- V. Incorporation of project Implementation parameters / milestones in the annual MoU signed between respective CPSUs and MoP and monitoring of the same during the Quarterly Performance Review (QPR) meetings of CPSUs.

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**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 30 ANSWERED IN THE LOK SABHA ON 02.02.2023**

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The details of the hydro power projects (ABOVE 25 MW ) and the quantum of hydro power generated by each of the project during the last three years and the current year					
REGION/ UTILITY/ STATION	INSTALLED CAPACITY AS ON 31.12.2022 (MW)	2019-20	2020-21	2021-22	2022-23 (as on 31.12.2022)
<b>NORTHERN REGION</b>					
<b>HIMACHAL PRADESH</b>					
<b>CENTRAL SECTOR</b>					
<b>BBMB</b>					
Bhakra L&R	1397.00	6129.17	5435.99	4357.67	4027.10
Dehar	990.00	3390.61	2993.31	3109.73	2732.45
Pong	396.00	1411.17	1775.60	1103.65	1138.63
<b>Total BBMB-HP</b>	<b>2783.00</b>	<b>10930.95</b>	<b>10204.90</b>	<b>8571.05</b>	<b>7898.18</b>
<b>NHPC</b>					
Baira Siul	180.00	331.08	457.60	587.23	494.24
Chamera-I	540.00	2662.81	2264.85	1899.27	1718.52
Chamera-II	300.00	1237.01	684.60	1358.68	1205.59
Chamera-III	231.00	1056.33	995.88	1004.26	923.54
Parbati III	520.00	691.62	616.91	613.34	0
Parbati II*		0.00	0.00	0.00	619.9
<b>Total NHPC -HP</b>	<b>1771.00</b>	<b>5978.85</b>	<b>5019.84</b>	<b>5462.78</b>	<b>4961.79</b>
<b>SJVN</b>					
Naptha Jhakri	1500.00	7447.48	7099.00	7067.40	6512.27
Rampur	412.00	2124.05	1995.35	1981.21	1819.64
Naitwar Mori					0
<b>Total SJVN</b>	<b>1912.00</b>	<b>9571.53</b>	<b>9094.35</b>	<b>9048.61</b>	<b>8331.9</b>
<b>NTPC</b>					
Kol Dam	800.00	3449.67	3221.41	3120.14	2891.6
<b>Total NTPC</b>	<b>800.00</b>	<b>3449.67</b>	<b>3221.41</b>	<b>3120.14</b>	<b>2891.58</b>
<b>Total Central-HP</b>	<b>7266.00</b>	<b>29931.00</b>	<b>27540.50</b>	<b>26202.58</b>	<b>24083.46</b>
<b>STATE SECTOR</b>					
<b>HPPCL</b>					
Kashang I	65.00	189.52	12.98	209.41	142.02
Kashang II & III	130.00				
Sainj	100.00	337.90	424.78	418.83	392.71
Swara Kuddu	111.00	0.00	0.00	21.31	295.31
<b>Total HPPCL</b>	<b>406.00</b>	<b>527.42</b>	<b>437.76</b>	<b>649.55</b>	<b>830.04</b>
<b>HPSEB LTD</b>					
Bassi	66.00	331.52	308.98	317.35	274.99
Giri Bata	60.00	225.00	164.75	227.63	201.97
Larji	126.00	670.24	616.31	580.87	547.42
Sanjay	120.00	585.37	474.31	642.81	582.43
<b>Total HPSEB LTD</b>	<b>372.00</b>	<b>1812.13</b>	<b>1564.35</b>	<b>1768.66</b>	<b>1606.81</b>
<b>Beas Valley Power. Corp. Ltd. (BVPC)</b>					
Uhi-III*		0.00	0.00	0.00	0
<b>Total BVPC</b>		<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>
<b>PSPCL</b>					
Shanan	110.00	565.00	477.07	521.90	450.97
<b>Total PSPCL-HP</b>	<b>110.00</b>	<b>565.00</b>	<b>477.07</b>	<b>521.90</b>	<b>450.97</b>
<b>Total State Sector-HP</b>	<b>888.00</b>	<b>2904.55</b>	<b>2479.18</b>	<b>2940.11</b>	<b>2887.82</b>
<b>PRIVATE</b>					
<b>Allain Duhangan Power Power Ltd.</b>					
Allain Duhangan	192.00	758.71	640.53	637.44	595.12
<b>Everest Power Private Ltd.</b>					
Malana-II	100.00	418.09	370.47	345.66	324.06

<b>HBPCL</b>					
<b>Baspa-II</b>	<b>300.00</b>	<b>1353.33</b>	<b>1311.17</b>	<b>1320.35</b>	<b>1266.04</b>
<b>Karcham Wangtoo</b>	<b>1045.00</b>	<b>4646.53</b>	<b>4361.44</b>	<b>4243.45</b>	<b>3964.92</b>
<b>Total HBPCL</b>	<b>1345.00</b>	<b>5999.86</b>	<b>5672.61</b>	<b>5563.80</b>	<b>5230.96</b>
<b>GBHPPL</b>					
<b>Budhil</b>	<b>70.00</b>	<b>283.58</b>	<b>275.95</b>	<b>251.37</b>	<b>247.83</b>
<b>IA Energy Pvt. Ltd.</b>					
<b>Chanju I</b>	<b>36.00</b>	<b>169.75</b>	<b>0.00</b>	<b>146.54</b>	<b>124.9</b>
<b>Malana Power Company Ltd.</b>					
<b>Malana</b>	<b>86.00</b>	<b>369.34</b>	<b>159.35</b>	<b>314.96</b>	<b>298.62</b>
<b>NSL Tidond Power Generation Pvt. Ltd.</b>					
<b>Tidong*</b>		<b>0.00</b>	<b>334.88</b>	<b>0.00</b>	<b>0</b>
<b>Himachal Sorang Power Limited (HSPL)</b>					
<b>Sorang</b>	<b>100</b>	<b>0.00</b>	<b>0.00</b>	<b>57.18</b>	<b>294.36</b>
<b>GMR</b>					
<b>Bajoli Holi</b>	<b>180</b>		<b>0.00</b>	<b>0.00</b>	<b>400.63</b>
<b>Total Private-HP</b>	<b>2109.00</b>	<b>7999.33</b>	<b>7454</b>	<b>7317</b>	<b>7516.48</b>
<b>Total H.P.</b>	<b>10263.00</b>	<b>40834.88</b>	<b>37473.47</b>	<b>36459.64</b>	<b>34487.76</b>
<b>JAMMU &amp; KASHMIR</b>					
<b>CENTRAL SECTOR</b>					
<b>NHPC</b>					
<b>Dulhasti</b>	<b>390.00</b>	<b>2064.97</b>	<b>2329.62</b>	<b>2216.13</b>	<b>1946.5</b>
<b>Salal-I</b>	<b>345.00</b>	<b>4010.15</b>	<b>3632.16</b>	<b>3485.52</b>	<b>2922.19</b>
<b>Salal-II</b>	<b>345.00</b>				
<b>Sewa-II</b>	<b>120.00</b>	<b>647.92</b>	<b>376.14</b>	<b>62.89</b>	<b>368.28</b>
<b>Uri</b>	<b>480.00</b>	<b>3406.44</b>	<b>2986.37</b>	<b>3037.45</b>	<b>2217.46</b>
<b>Uri -II</b>	<b>240.00</b>	<b>1794.35</b>	<b>1626.07</b>	<b>1649.52</b>	<b>1202.27</b>
<b>Kishenganga</b>	<b>330.00</b>	<b>849.09</b>	<b>1111.49</b>	<b>1506.42</b>	<b>1295.15</b>
<b>Total NHPC -J&amp;K</b>	<b>2250.00</b>	<b>12772.92</b>	<b>12061.85</b>	<b>11957.93</b>	<b>9951.85</b>
<b>Total Central Sector - J&amp;K</b>	<b>2250.00</b>	<b>12773</b>	<b>12061.85</b>	<b>11957.93</b>	<b>9951.85</b>
<b>STATE SECTOR</b>					
<b>JKSPDC</b>					
<b>Baglihar</b>	<b>450.00</b>	<b>2579.43</b>	<b>2657.85</b>	<b>2676.88</b>	<b>2313.12</b>
<b>Baglihar II</b>	<b>450.00</b>	<b>1918.18</b>	<b>1446.95</b>	<b>1561.02</b>	<b>1462.55</b>
<b>Lower Jhelum</b>	<b>105.00</b>	<b>605.75</b>	<b>561.23</b>	<b>622.96</b>	<b>465.51</b>
<b>Upper Sindh II</b>	<b>105.00</b>	<b>217.84</b>	<b>274.80</b>	<b>255.23</b>	<b>240.17</b>
<b>Total JKSPDC</b>	<b>1110.00</b>	<b>5321.20</b>	<b>4940.83</b>	<b>5116.09</b>	<b>4481.35</b>
<b>Total State Sector-J&amp;K</b>	<b>1110.00</b>	<b>5321</b>	<b>4940.83</b>	<b>5116.09</b>	<b>4481.35</b>
<b>Total Jammu &amp; Kashmir</b>	<b>3360.00</b>	<b>18094</b>	<b>17002.68</b>	<b>17074.02</b>	<b>14433.20</b>
<b>LADHAK</b>					
<b>CENTRAL SECTOR</b>					
<b>NHPC</b>					
<b>Chutak</b>	<b>44.00</b>	<b>98.12</b>	<b>158.57</b>	<b>170.54</b>	<b>154.75</b>
<b>Nimoo Bazgo</b>	<b>45.00</b>	<b>172.16</b>	<b>217.64</b>	<b>235.44</b>	<b>205.09</b>
<b>Total Central Sector-Ladhak</b>	<b>89.00</b>	<b>270.28</b>	<b>376.21</b>	<b>405.98</b>	<b>359.84</b>
<b>Total Ladhak</b>	<b>89.00</b>	<b>270.28</b>	<b>376.21</b>	<b>405.98</b>	<b>359.84</b>
<b>PUNJAB</b>					
<b>CENTRAL SECTOR</b>					
<b>BBMB</b>					
<b>Ganguwal</b>	<b>77.65</b>	<b>614.82</b>	<b>635.64</b>	<b>609.88</b>	<b>449.94</b>
<b>Kotla</b>	<b>77.65</b>	<b>621.46</b>	<b>637.46</b>	<b>613.89</b>	<b>452.68</b>
<b>Total BBMB-Punjab</b>	<b>155.30</b>	<b>1236.28</b>	<b>1273.10</b>	<b>1223.77</b>	<b>902.62</b>
<b>STATE SECTOR</b>					
<b>PSPCL</b>					
<b>A.P.Sahib I &amp; II</b>	<b>134.00</b>	<b>603.71</b>	<b>573.91</b>	<b>396.28</b>	<b>425.69</b>
<b>Mukerian I - IV</b>	<b>207.00</b>	<b>1184.28</b>	<b>1401.13</b>	<b>926.69</b>	<b>867.55</b>
<b>Ranjit Sagar</b>	<b>600.00</b>	<b>2099.21</b>	<b>1498.89</b>	<b>1162.99</b>	<b>1247.62</b>
<b>Total PSPCL</b>	<b>941.00</b>	<b>3887.20</b>	<b>3473.93</b>	<b>2486</b>	<b>2541</b>
<b>Total State Sector-Punjab</b>	<b>941.00</b>	<b>3887</b>	<b>3473.93</b>	<b>2485.96</b>	<b>2540.86</b>
<b>Total Punjab</b>	<b>1096.30</b>	<b>5123</b>	<b>4747.03</b>	<b>3709.73</b>	<b>3443.48</b>

<b>RAJASTHAN</b>					
<b>STATE SECTOR</b>					
<b>RRVUNL</b>					
Jawahar Sagar	99.00	315.12	257.18	210.67	211.19
Mahi Bajaj I & II	140.00	236.53	202.37	187.84	174.47
R.P. Sagar	172.00	54.53	10.08	83.33	256.87
<b>Total RRVUNL</b>	<b>411.00</b>	<b>606.18</b>	<b>469.63</b>	<b>481.84</b>	<b>642.53</b>
<b>Total State sector-Rajasthan</b>	<b>411.00</b>	<b>606</b>	<b>469.63</b>	<b>481.84</b>	<b>642.53</b>
<b>Total Rajasthan</b>	<b>411.00</b>	<b>606</b>	<b>469.63</b>	<b>481.84</b>	<b>642.53</b>
<b>UTTAR PRADESH</b>					
<b>STATE SECTOR</b>					
<b>UPJVNL</b>					
Khara	72.00	351.03	325.46	357.57	289.45
Matatilla	30.60	73.36	116.81	87.04	93.49
Obra	99.00	190.59	338.87	311.58	99.24
Rihand	300.00	458.50	791.21	646.49	214.62
<b>Total UPJVNL</b>	<b>501.60</b>	<b>1073.48</b>	<b>1572.35</b>	<b>1402.68</b>	<b>696.80</b>
<b>Total State Sector-UP</b>	<b>501.60</b>	<b>1073</b>	<b>1572.35</b>	<b>1402.68</b>	<b>696.80</b>
<b>Total Uttar Pradesh</b>	<b>501.60</b>	<b>1073</b>	<b>1572.35</b>	<b>1402.68</b>	<b>696.80</b>
<b>UTTARAKHAND</b>					
<b>CENTRAL SECTOR</b>					
<b>NHPC</b>					
Dhauliganga	280.00	1325.55	1153.23	1212.42	1210.1
Tanakpur	94.20	557.81	473.15	540.21	476.4
<b>Total NHPC-UK</b>	<b>374.20</b>	<b>1883.36</b>	<b>1626</b>	<b>1753</b>	<b>1687</b>
<b>NTPC</b>					
Tapovan Vishnugad		0.00	0.00	0.00	0
<b>Total NTPC-UK</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>THDC LTD</b>					
Tehri	1000.00	3041.74	3040.27	3098.11	2493.79
Koteshwar	400.00	1203.19	1221.45	1190.64	964.64
<b>Total THDC LTD</b>	<b>1400.00</b>	<b>4244.93</b>	<b>4261.72</b>	<b>4288.75</b>	<b>3458.43</b>
<b>Total Central Sector - UK</b>	<b>1774.20</b>	<b>6128</b>	<b>5888.10</b>	<b>6041.38</b>	<b>5144.93</b>
<b>STATE SECTOR</b>					
<b>UJVNL</b>					
Chibro (Y.St.II)	240.00	979.66	821.63	903.86	741.82
Chilla	144.00	791.38	733.08	799.36	639.01
Dhakrani (Y.St.I)	33.75	173.80	152.66	155.64	117.78
Dhalipur (Y.St.I)	51.00	224.44	174.05	246.78	173.88
Khatima	41.40	233.24	218.80	229.75	191.54
Khodri (Y.St.II)	120.00	436.42	375.46	430.84	355.36
Kulhal (Y.St.IV)	30.00	153.79	133.39	160.08	130.98
Maneri Bhali-I	90.00	356.85	329.23	398.98	346.85
Maneri Bhali-II	304.00	1383.32	1288.89	1412.53	1176.14
Ram Ganga	198.00	154.62	260.78	249.36	255.8
Vyasi	120.00				305.64
<b>Total UJVNL</b>	<b>1372.15</b>	<b>4887.52</b>	<b>4487.97</b>	<b>4987.18</b>	<b>4434.8</b>
<b>Total State Sector-Uttarakhand</b>	<b>1372.15</b>	<b>4888</b>	<b>4487.97</b>	<b>4987.18</b>	<b>4434.80</b>
<b>PRIVATE SECTOR</b>					
<b>AHPC LTD</b>					
Srinagar	330.00	1540.01	1438.00	1421.89	1395.64
<b>Jaiprakash Power Venture Ltd.</b>					
Vishnu Prayag	400.00	1998.71	1778.42	1801.24	1776.26
<b>L&amp;T</b>					
Singoli Bhatwari	99.00		0.00	80.44	425.9
<b>Total Private Sector - UK</b>	<b>829.00</b>	<b>3538.72</b>	<b>3216</b>	<b>3303.57</b>	<b>3597.80</b>
<b>Total Uttarakhand</b>	<b>3975.35</b>	<b>14555</b>	<b>13592</b>	<b>14332.13</b>	<b>13177.53</b>
<b>Total N. REGION</b>	<b>19696.25</b>	<b>80556.95</b>	<b>75233.86</b>	<b>73866.02</b>	<b>67241.14</b>

<b>WESTERN REGION</b>					
<b>CHHATISGARH</b>					
<b>STATE SECTOR</b>					
<b>CSPGC</b>					
Hasdeo Bango	120.00	236.79	419.19	404.13	190.27
Total CSPGC	120.00	236.79	419.19	404.13	190.27
Total State Sector-Chhattisgarh	120.00	237	419.19	404.13	190.27
Total Chhattisgarh	120.00	237	419.19	404.13	190.27
<b>GUJARAT</b>					
<b>STATE SECTOR</b>					
<b>GSECL</b>					
Kadana PSS	240.00	470.40	337.06	218.26	288.69
Ukai	300.00	767.27	651.06	655.24	842.48
Total GSECL	540.00	1237.67	988.12	873.50	1131.17
<b>SSNNL</b>					
Sardar Sarovar CHPH	250.00	933.94	1086.96	824.27	831.62
Sardar Sarovar RBPH	1200.00	3243.07	2158.28	923.74	3203.24
Total SSNNL	1450.00	4177.01	3245.24	1748.01	4034.86
Total State Sector -Gujarat	1990.00	5415	4233.36	2621.51	5166.03
Total Gujarat	1990.00	5415	4233.36	2621.51	5166.03
<b>MADHYA PRADESH</b>					
<b>CENTRAL</b>					
<b>NHDC</b>					
Indira Sagar	1000.00	2877.35	2793.62	1717.17	2992.75
Omkareshwar	520.00	1288.25	1442.55	928.24	1451.45
Total NHDC	1520.00	4165.60	4236.17	2645.41	4444.20
Total Central Sector-MP		4166	4236	2645	4444
<b>STATE SECTOR</b>					
<b>MPPGCL</b>					
Bansagar Tons-I	315.00	1245.33	1184.19	1121.45	526.13
Bansagar Tons-II	30.00	93.76	111.67	85.43	54.47
Bansagar Tons-III	60.00	138.90	135.63	49.86	124.46
Bargi	90.00	377.69	434.13	382.35	331.26
Gandhi Sagar	115.00	33.81	148.38	211.68	172.81
Madhikheda	60.00	140.19	118.18	116.50	139.18
Rajghat	45.00	86.46	108.98	74.04	94.95
Total MPPGCL	715.00	2116	2241.16	2041.31	1443.26
Total State-MP	715.00	2116	2241.16	2041.31	1443.26
<b>SMHPCL(PVT.)</b>					
Maheshwar*		0	0.00	0.00	0
Total M.P.	2235.00	6282	6477	4687	5887
<b>MAHARASHTRA</b>					
<b>STATE SECTOR</b>					
<b>MAHAGENCO</b>					
Bhira Tail Race	80.00	95.25	97.33	100.97	76.1
Ghatghar PSS	250.00	136.71	155.32	93.52	67.33
Koyna DPH	36.00	153.84	165.41	132.46	109.62
Koyna St.I&II	600.00	1236.53	1226.22	1259.39	908.13
Koyna St.III	320.00	708.33	585.21	673.90	695.97
Koyna IV	1000.00	1640.97	1195.78	1573.37	885.31
Tillari	60.00	112.82	106.54	116.72	100.09
Vaitarna	60.00	73.49	42.76	128.64	110.7
Total MAHAGENCO	2406.00	4157.94	3574.57	4079	2953
<b>MPPGCL</b>					
Pench	160.00	217.28	414.90	304.48	288.51
Total MPPGCL-Maha.	160.00	217.28	414.90	304.48	288.51
Total State Sector-Maha.	2566.00	4375	3989.47	4383.45	3241.76
<b>PRIVATE SECTOR</b>					
<b>Dodson-Lindblom Hydro Power Pvt. Ltd. (DLHPPL)</b>					
Bhandardhara - II	34.00	17.09	34.29	33.94	16.34
Total DLHP	34.00	17.09	34.29	33.94	16.34
<b>Tata Power Company Ltd.</b>					
Bhira	150.00	351.50	358.87	397.19	317.44
Bhira PSS	150.00	489.85	585.97	627.39	442.06

<b>Bhivpuri</b>	<b>75.00</b>	<b>336.54</b>	<b>299.70</b>	<b>272.27</b>	<b>235.25</b>
<b>Khopoli</b>	<b>72.00</b>	<b>310.38</b>	<b>280.16</b>	<b>293.14</b>	<b>235.65</b>
<b>Total TPCL</b>	<b>447.00</b>	<b>1488.27</b>	<b>1524.70</b>	<b>1589.99</b>	<b>1230.40</b>
<b>Total Private Sector- Maharashtra</b>	<b>481.00</b>	<b>1505</b>	<b>1558.99</b>	<b>1623.93</b>	<b>1246.74</b>
<b>Total Maharashtra</b>	<b>3047.00</b>	<b>5881</b>	<b>5548.46</b>	<b>6007.38</b>	<b>4488.50</b>
<b>Total Western</b>	<b>7392.00</b>	<b>17814</b>	<b>16678</b>	<b>13720</b>	<b>15732.26</b>
<b>SOUTHERN REGION</b>					
<b>ANDHRA PRADESH</b>					
<b>STATE SECTOR</b>					
<b>APGENCO</b>					
<b>N.J.Sagar TPD</b>	<b>50.00</b>	<b>78.19</b>	<b>54.69</b>	<b>137.59</b>	<b>85.45</b>
<b>N.J.Sagar RBC</b>	<b>90.00</b>	<b>102.83</b>	<b>155.55</b>	<b>279.08</b>	<b>217.02</b>
<b>Srisaillam RB</b>	<b>770.00</b>	<b>1339.43</b>	<b>1157.26</b>	<b>1438.92</b>	<b>1778.73</b>
<b>Upper sileru I &amp; II</b>	<b>240.00</b>	<b>641.12</b>	<b>620.05</b>	<b>362.01</b>	<b>251.42</b>
<b>Lower Sileru</b>	<b>460.00</b>	<b>851.86</b>	<b>1292.57</b>	<b>896.23</b>	<b>795.68</b>
<b>Total APGENCO</b>	<b>1610.00</b>	<b>3013.43</b>	<b>3280.12</b>	<b>3113.83</b>	<b>3128.30</b>
<b>Total State Sector-AP</b>	<b>1610.00</b>	<b>3013</b>	<b>3280.12</b>	<b>3113.83</b>	<b>3128.30</b>
<b>Total Andhra Pradesh</b>	<b>1610.00</b>	<b>3013</b>	<b>3280.12</b>	<b>3113.83</b>	<b>3128.30</b>
<b>KARNATAKA</b>					
<b>STATE SECTOR</b>					
<b>KPCL</b>					
<b>Almatti Dam</b>	<b>290.00</b>	<b>632.46</b>	<b>643.69</b>	<b>499.58</b>	<b>559.46</b>
<b>Bhadra</b>	<b>26.00</b>	<b>74.73</b>	<b>56.73</b>	<b>72.30</b>	<b>73.96</b>
<b>Gerusoppa</b>	<b>240.00</b>	<b>575.34</b>	<b>480.56</b>	<b>543.26</b>	<b>428.26</b>
<b>Ghatprabha</b>	<b>32.00</b>	<b>50.64</b>	<b>110.12</b>	<b>94.97</b>	<b>58.87</b>
<b>Jog</b>	<b>139.20</b>	<b>298.23</b>	<b>373.80</b>	<b>554.33</b>	<b>433.85</b>
<b>Kadra</b>	<b>150.00</b>	<b>475.50</b>	<b>410.34</b>	<b>402.14</b>	<b>313.02</b>
<b>Kalinadi</b>	<b>900.00</b>	<b>3666.11</b>	<b>3147.22</b>	<b>3686.96</b>	<b>2237.08</b>
<b>Supa DPH</b>	<b>100.00</b>	<b>584.15</b>	<b>443.53</b>	<b>609.78</b>	<b>246.69</b>
<b>Kodasali</b>	<b>120.00</b>	<b>473.62</b>	<b>382.99</b>	<b>425.56</b>	<b>289.33</b>
<b>Lingnamakki</b>	<b>55.00</b>	<b>298.58</b>	<b>255.53</b>	<b>277.88</b>	<b>185.06</b>
<b>Munirabad</b>	<b>28.00</b>	<b>79.69</b>	<b>102.10</b>	<b>132.06</b>	<b>90.69</b>
<b>Sharavathy</b>	<b>1035.00</b>	<b>5136.46</b>	<b>4582.71</b>	<b>4994.34</b>	<b>3813.24</b>
<b>Shivasamudram</b>	<b>42.00</b>	<b>259.98</b>	<b>321.13</b>	<b>301.01</b>	<b>232.79</b>
<b>Varahi</b>	<b>460.00</b>	<b>1183.64</b>	<b>1093.14</b>	<b>1137.31</b>	<b>923.75</b>
<b>Total KPCL</b>	<b>3617.20</b>	<b>13789.13</b>	<b>12403.59</b>	<b>13731.48</b>	<b>9886.05</b>
<b>APGENCO</b>					
<b>T.B.Dam &amp; Hampi</b>	<b>72.00</b>	<b>225.14</b>	<b>183.76</b>	<b>204.98</b>	<b>138.66</b>
<b>Total APGENCO-Karnataka</b>	<b>72.00</b>	<b>225.14</b>	<b>183.76</b>	<b>204.98</b>	<b>138.66</b>
<b>Total State Sector-Karnataka</b>	<b>3689.20</b>	<b>14014.27</b>	<b>12587.35</b>	<b>13936.46</b>	<b>10024.71</b>
<b>Total Karnataka</b>	<b>3689.20</b>	<b>14014.27</b>	<b>12587.35</b>	<b>13936.46</b>	<b>10024.71</b>
<b>KERALA</b>					
<b>STATE SECTOR</b>					
<b>KSEB Ltd.</b>					
<b>Idamalayar</b>	<b>75.00</b>	<b>260.64</b>	<b>289.99</b>	<b>377.02</b>	<b>323.58</b>
<b>Idukki</b>	<b>780.00</b>	<b>1830.42</b>	<b>2530.15</b>	<b>3709.85</b>	<b>2573.29</b>
<b>Kakkad</b>	<b>50.00</b>	<b>176.25</b>	<b>184.86</b>	<b>272.56</b>	<b>199.66</b>
<b>Kuttiadi &amp; Kuttiady Addl.</b>	<b>225.00</b>	<b>591.42</b>	<b>748.06</b>	<b>746.70</b>	<b>679.67</b>
<b>Lower Periyar</b>	<b>180.00</b>	<b>426.99</b>	<b>537.99</b>	<b>811.91</b>	<b>645.36</b>
<b>Neriamangalam</b>	<b>52.65</b>	<b>314.66</b>	<b>284.74</b>	<b>312.39</b>	<b>218.52</b>
<b>Pallivasal</b>	<b>37.50</b>	<b>141.95</b>	<b>134.27</b>	<b>162.33</b>	<b>116.23</b>
<b>Panniar</b>	<b>30.00</b>	<b>136.70</b>	<b>181.26</b>	<b>210.66</b>	<b>162.89</b>
<b>Poringalkuthu</b>	<b>32.00</b>	<b>95.32</b>	<b>153.46</b>	<b>220.41</b>	<b>144.47</b>
<b>Sabarigiri</b>	<b>300.00</b>	<b>1112.58</b>	<b>1227.64</b>	<b>2047.45</b>	<b>1244.26</b>
<b>Sengulam</b>	<b>48.00</b>	<b>150.71</b>	<b>117.53</b>	<b>183.64</b>	<b>126.55</b>
<b>Sholayar</b>	<b>54.00</b>	<b>216.40</b>	<b>238.44</b>	<b>262.52</b>	<b>154.54</b>
<b>Total KSEB LTD.</b>	<b>1864.15</b>	<b>5454.04</b>	<b>6628.39</b>	<b>9317.44</b>	<b>6589.02</b>
<b>Total State Sector-Kerala</b>	<b>1864.15</b>	<b>5454.04</b>	<b>6628.39</b>	<b>9317.44</b>	<b>6589.02</b>
<b>Total Kerala</b>	<b>1864.15</b>	<b>5454.04</b>	<b>6628.39</b>	<b>9317.44</b>	<b>6589.02</b>

<b>TAMIL NADU</b>					
<b>STATE SECTOR</b>					
<b>TANGEDCO</b>					
Aliyar	60.00	72.91	119.21	22.64	138.55
Bhawani K Barrage-III	30.00	35.87	60.95	63.50	54.28
Bhawani K Barrage-II	30.00	56.99	81.23	78.73	89.85
Bhawani K Barrage-I	30.00	63.38	101.70	76.07	95.83
Kadamparai PSS	400.00	369.63	353.71	265.63	164.65
Kodayar I&II	100.00	175.13	293.26	246.35	268.01
Kundah I-V	555.00	1559.22	1721.44	1652.80	1250.49
Lower Mettur I-IV	120.00	245.18	290.49	291.10	293.94
Mettur Dam	50.00	145.61	133.80	135.34	191.16
Mettur Tunnel	200.00	372.03	337.16	392.49	739.05
Moyar	36.00	127.60	112.23	104.47	99.14
Papanasam	32.00	106.63	131.83	163.37	98.12
Parson's Valley	30.00	19.15	50.88	41.13	44.66
Periyar	161.00	502.06	548.03	779.16	508.67
Pykara	59.20	17.90	0.04	0.12	27.66
Pykara Ultimate	150.00	372.12	337.94	322.37	359.15
Sarkarpathy	30.00	117.94	137.29	143.41	73.76
Sholayar I	70.00	290.39	290.42	400.15	249.85
Suruliyar	35.00	115.50	111.10	33.24	0
<b>Total TANGEDCO</b>	<b>2178.20</b>	<b>4765.24</b>	<b>5212.71</b>	<b>5212.07</b>	<b>4746.82</b>
<b>Total State Sector-TN</b>	<b>2178.20</b>	<b>4765.24</b>	<b>5212.71</b>	<b>5212.07</b>	<b>4746.82</b>
<b>Total Tamilnadu</b>	<b>2178.20</b>	<b>4765.24</b>	<b>5212.71</b>	<b>5212.07</b>	<b>4746.82</b>
<b>TELANGANA</b>					
<b>STATE SECTOR</b>					
<b>TSGENCO</b>					
Lower Jurala	240.00	318.39	403.31	369.90	430.99
N.J.Sagar PSS	815.60	1512.73	1248.73	2262.45	2162.42
N.J.Sagar LBC	60.00	102.86	101.21	148.30	108.06
Pochampad	36.00	48.61	91.02	110.79	107.01
Priyadarshni Jurala	234.00	321.74	368.29	343.95	452.87
Pulichinthala	120.00	209.67	201.38	315.16	276.46
Srisailam LB	900.00	1993.04	1231.44	2076.08	2052.29
<b>Total TSGENCO</b>	<b>2405.60</b>	<b>4507.04</b>	<b>3645.38</b>	<b>5626.63</b>	<b>5590.10</b>
<b>Total State Sector-Telangana</b>	<b>2405.60</b>	<b>4507.04</b>	<b>3645.38</b>	<b>5626.63</b>	<b>5590.10</b>
<b>Total Telangana</b>	<b>2405.60</b>	<b>4507.04</b>	<b>3645.38</b>	<b>5626.63</b>	<b>5590.10</b>
<b>Total Southern</b>	<b>11747.15</b>	<b>31754.02</b>	<b>31353.95</b>	<b>37206.43</b>	<b>30078.95</b>
<b>EASTERN REGION</b>					
<b>JHARKHAND</b>					
<b>CENTRAL SECTOR</b>					
<b>DVC</b>					
Panchet	80.00	114.84	173.09	245.47	122.54
<b>Total DVC</b>	<b>80.00</b>	<b>114.84</b>	<b>173.09</b>	<b>245.47</b>	<b>122.54</b>
<b>Total Central Sector-Jharkhand</b>	<b>80.00</b>	<b>114.84</b>	<b>173.09</b>	<b>245.47</b>	<b>122.54</b>
<b>STATE SECTOR</b>					
<b>JUUNL</b>					
Subernarekha I&II	130.00	36.12	50.00	302.49	158.53
<b>Total Jharkhand</b>	<b>130.00</b>	<b>36.12</b>	<b>50.00</b>	<b>302</b>	<b>159</b>
<b>Total State Sector-Jharkhand</b>	<b>130.00</b>	<b>36.12</b>	<b>50.00</b>	<b>302</b>	<b>159</b>
<b>Total Jharkhand</b>	<b>210.00</b>	<b>150.96</b>	<b>223.09</b>	<b>548</b>	<b>281</b>
<b>ODISHA</b>					
<b>STATE SECTOR</b>					
<b>OHPC</b>					
Balimela	510.00	1521.41	1656.07	1062.04	1171.42
Hirakud I&II	359.80	790.02	952.93	975.84	844.04
Rengali	250.00	665.17	1014.76	866.39	660.18
Upper Indravati	600.00	2253.48	1757.33	1156.65	1051.08
Upper Kolab	320.00	829.12	812.82	451.20	317.25
<b>Total OHPC</b>	<b>2039.80</b>	<b>6059.20</b>	<b>6193.91</b>	<b>4512.12</b>	<b>4043.97</b>

<b>APGENCO</b>					
<b>Machkund</b>	<b>114.75</b>	<b>669.57</b>	<b>666.06</b>	<b>718.51</b>	<b>420.63</b>
<b>Total APGENCO-Odisha</b>	<b>114.75</b>	<b>669.57</b>	<b>666.06</b>	<b>718.51</b>	<b>420.63</b>
<b>Total State Sector-Odisha</b>	<b>2154.55</b>	<b>6728.77</b>	<b>6859.97</b>	<b>5230.63</b>	<b>4464.60</b>
<b>Total Odisha</b>	<b>2154.55</b>	<b>6728.77</b>	<b>6859.97</b>	<b>5230.63</b>	<b>4464.60</b>
<b>SIKKIM</b>					
<b>CENTRAL SECTOR</b>					
<b>NHPC</b>					
<b>Rangit</b>	<b>60.00</b>	<b>354.78</b>	<b>288.70</b>	<b>337.70</b>	<b>314.29</b>
<b>Teesta-V</b>	<b>510.00</b>	<b>2831.97</b>	<b>2829.83</b>	<b>2671.82</b>	<b>2606.9</b>
<b>Total NHPC</b>	<b>570.00</b>	<b>3186.75</b>	<b>3118.53</b>	<b>3009.52</b>	<b>2921.19</b>
<b>Total Central Sector-Sikkim</b>	<b>570.00</b>	<b>3186.75</b>	<b>3118.53</b>	<b>3009.52</b>	<b>2921.19</b>
<b>STATE SECTOR</b>					
<b>Teesta Urja Ltd. (TUL)</b>					
<b>Teesta III</b>	<b>1200.00</b>	<b>6041.55</b>	<b>6043.98</b>	<b>6315.53</b>	<b>5702.48</b>
<b>Total TUL</b>	<b>1200.00</b>	<b>6041.55</b>	<b>6043.98</b>	<b>6315.53</b>	<b>5702.48</b>
<b>Total State Sector-Sikkim</b>	<b>1200.00</b>	<b>6041.55</b>	<b>6043.98</b>	<b>6315.53</b>	<b>5702.48</b>
<b>PRIVATE SECTOR</b>					
<b>DANS Energy Pvt. Ltd. (DEPL)</b>					
<b>Jorethang Loop</b>	<b>96.00</b>	<b>406.90</b>	<b>399.92</b>	<b>424.69</b>	<b>406.74</b>
<b>Shiga Energy Pvt. Ltd.(SEPL)</b>					
<b>Tashiding</b>	<b>97.00</b>	<b>434.91</b>	<b>369.75</b>	<b>453.07</b>	<b>425.33</b>
<b>Gati Infrastructure Pvt. Ltd. (GIPL)</b>					
<b>Chuzachen HEP</b>	<b>110.00</b>	<b>472.06</b>	<b>488.37</b>	<b>514.21</b>	<b>482.97</b>
<b>Sneha Kinetic</b>					
<b>Dikchu</b>	<b>96.00</b>	<b>485.19</b>	<b>458.95</b>	<b>481.45</b>	<b>507.08</b>
<b>MBPC</b>					
<b>Rongnichu</b>	<b>113.00</b>		<b>0.00</b>	<b>295.43</b>	<b>413.07</b>
<b>Total Private-Sikkim</b>	<b>512.00</b>	<b>1799.06</b>	<b>1717</b>	<b>2169</b>	<b>2235</b>
<b>Total Sikkim</b>	<b>2282.00</b>	<b>11027.36</b>	<b>10879.50</b>	<b>11493.90</b>	<b>10858.86</b>
<b>WEST BENGAL</b>					
<b>CENTRAL SECTOR</b>					
<b>NHPC</b>					
<b>Teesta Low Dam-III</b>	<b>132.00</b>	<b>581.82</b>	<b>541.28</b>	<b>601.51</b>	<b>570.94</b>
<b>Teesta Low Dam-IV</b>	<b>160.00</b>	<b>739.18</b>	<b>718.98</b>	<b>736.77</b>	<b>702.1</b>
<b>Total NHPC</b>	<b>292.00</b>	<b>1321.00</b>	<b>1260.26</b>	<b>1338.28</b>	<b>1273.04</b>
<b>DVC</b>					
<b>Maithon</b>	<b>63.20</b>	<b>83.63</b>	<b>192.38</b>	<b>221.42</b>	<b>85.1</b>
<b>Total DVC-WB</b>	<b>63.20</b>	<b>83.63</b>	<b>192.38</b>	<b>221.42</b>	<b>85.10</b>
<b>Total Central Sector-WB</b>	<b>355.20</b>	<b>1404.63</b>	<b>1452.64</b>	<b>1559.70</b>	<b>1358.14</b>
<b>STATE SECTOR</b>					
<b>WBSEDCL</b>					
<b>Jaldhaka I</b>	<b>36.00</b>	<b>188.97</b>	<b>201.48</b>	<b>178.11</b>	<b>160.79</b>
<b>Purulia PSS</b>	<b>900.00</b>	<b>1075.47</b>	<b>1303.44</b>	<b>1183.71</b>	<b>1123.15</b>
<b>Rammam II</b>	<b>50.00</b>	<b>247.31</b>	<b>254.72</b>	<b>268.32</b>	<b>219.21</b>
<b>Total WBSEDCL</b>	<b>986.00</b>	<b>1511.75</b>	<b>1759.64</b>	<b>1630.14</b>	<b>1503.15</b>
<b>Total State Sector -WB</b>	<b>986.00</b>	<b>1511.75</b>	<b>1759.64</b>	<b>1630.14</b>	<b>1503.15</b>
<b>Total West Bengal</b>	<b>1341.20</b>	<b>2916.38</b>	<b>3212.28</b>	<b>3189.84</b>	<b>2861.29</b>
<b>Total Eastern</b>	<b>5987.75</b>	<b>20823.47</b>	<b>21174.84</b>	<b>20462.33</b>	<b>18465.82</b>
<b>NORTH EASTERN REGION</b>					
<b>ARUNACHAL PRADESH</b>					
<b>CENTRAL SECTOR</b>					
<b>NHPC</b>					
<b>Lower Subansiri</b>					
<b>Total NHPC-Ar. Pradesh</b>					
<b>NEEPCO</b>					
<b>Ranganadi</b>	<b>405.00</b>	<b>1289.45</b>	<b>1399.27</b>	<b>1154.33</b>	<b>1242.45</b>
<b>Pare</b>	<b>110.00</b>	<b>471.52</b>	<b>522.32</b>	<b>430.57</b>	<b>483.62</b>
<b>Kameng</b>	<b>600.00</b>	<b>25.49</b>	<b>1529.75</b>	<b>2576.38</b>	<b>2558.7</b>
<b>Total NEEPCO-Arunachal Pradesh</b>	<b>1115.00</b>	<b>1786.46</b>	<b>3451</b>	<b>4161</b>	<b>4285</b>
<b>Total Central Sector-Arunachal Pradesh</b>			<b>3451.34</b>	<b>4161.28</b>	<b>4284.77</b>
<b>Total Arunachal Pradesh</b>	<b>1115.00</b>	<b>1786.46</b>	<b>3451.34</b>	<b>4161.28</b>	<b>4284.77</b>

<b>ASSAM</b>					
<b>CENTRAL SECTOR</b>					
<b>NEEPCO</b>					
Kopili	200.00	190.48	0.00	0.00	0
Khandong	50.00	716.90	67.84	275.12	0
<b>Total NEEPCO-Assm</b>	<b>250.00</b>	<b>907.38</b>	<b>67.84</b>	<b>275.12</b>	<b>0.00</b>
<b>Total Central Sector-Assam</b>	<b>250.00</b>	<b>907.38</b>	<b>67.84</b>	<b>275.12</b>	<b>0.00</b>
<b>STATE SECTOR</b>					
<b>APGCL</b>					
Karbi Langpi	100.00	384.30	203.03	401.12	435.53
<b>Total APGCL</b>	<b>100.00</b>	<b>384.30</b>	<b>203.03</b>	<b>401.12</b>	<b>435.53</b>
<b>Total State Sector-Assam</b>	<b>100.00</b>	<b>384.30</b>	<b>203.03</b>	<b>401.12</b>	<b>435.53</b>
<b>Total Assam</b>	<b>350.00</b>	<b>1291.68</b>	<b>270.87</b>	<b>676.24</b>	<b>435.53</b>
<b>NAGALAND</b>					
<b>CENTRAL SECTOR</b>					
<b>NEEPCO</b>					
Doyang	75.00	180.85	203.86	100.55	164.46
<b>Total NEEPCO-Nagaland</b>	<b>75.00</b>	<b>180.85</b>	<b>203.86</b>	<b>100.55</b>	<b>164.46</b>
<b>Total Central Sector-Nagaland</b>	<b>75.00</b>	<b>180.85</b>	<b>203.86</b>	<b>100.55</b>	<b>164.46</b>
<b>Total Nagaland</b>	<b>75.00</b>	<b>180.85</b>	<b>203.86</b>	<b>100.55</b>	<b>164.46</b>
<b>MANIPUR</b>					
<b>CENTRAL SECTOR</b>					
<b>NHPC</b>					
Loktak (Manipur)	105.00	366.59	621.62	455.48	446.43
<b>Total NHPC-Manipur</b>	<b>105.00</b>	<b>366.59</b>	<b>621.62</b>	<b>455.48</b>	<b>446.43</b>
<b>Total Central Sector-Manipur</b>	<b>105.00</b>	<b>366.59</b>	<b>621.62</b>	<b>455.48</b>	<b>446.43</b>
<b>Total Manipur</b>	<b>105.00</b>	<b>366.59</b>	<b>621.62</b>	<b>455.48</b>	<b>446.43</b>
<b>MEGHALAYA</b>					
<b>STATE SECTOR</b>					
<b>MePGCL</b>					
Kyrdemkulai	60.00	141.95	163.72	110.21	109.38
Myntdu	126.00	421.67	420.62	380.37	350.46
New Umtru	40.00	181.50	229.79	160.81	173.51
Umium St.I	36.00	108.33	149.54	64.91	100.78
Umium St.IV	60.00	164.84	188.32	125.52	153.62
<b>Total MePGCL</b>	<b>322.00</b>	<b>1018.29</b>	<b>1151.99</b>	<b>841.82</b>	<b>887.75</b>
<b>Total State Sector-Meghalaya</b>	<b>322.00</b>	<b>1018.29</b>	<b>1151.99</b>	<b>841.82</b>	<b>887.75</b>
<b>Total Meghalaya</b>	<b>322.00</b>	<b>1018.29</b>	<b>1151.99</b>	<b>841.82</b>	<b>887.75</b>
<b>MIZORAM</b>					
<b>CENTRAL SECTOR</b>					
Tuirial	60.00	177.02	158.85	137.44	166.49
<b>Total NEEPCO-Mizoram</b>	<b>60.00</b>	<b>177.02</b>	<b>158.85</b>	<b>137.44</b>	<b>166.49</b>
<b>Total Central Sector-Mizoram</b>	<b>60.00</b>	<b>177.02</b>	<b>158.85</b>	<b>137.44</b>	<b>166.49</b>
<b>Total Mizoram</b>	<b>60.00</b>	<b>177.02</b>	<b>158.85</b>	<b>137.44</b>	<b>166.49</b>
<b>Total N.Eastern</b>	<b>2027.00</b>	<b>4820.89</b>	<b>5858.53</b>	<b>6372.81</b>	<b>6385.43</b>
<b>Total All India</b>	<b>46850.15</b>	<b>155769</b>	<b>150300</b>	<b>151627</b>	<b>137903.6</b>
<b>Total number of HE Stations are 211 as NJ Sagar HE Station (Southern Region) is having one Conventional unit and remaining seven units are PSS.</b>					

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## ANNEXURE REFERRED TO IN REPLY TO PARTS (a) &amp; (b) OF UNSTARRED QUESTION NO. 30 ANSWERED IN THE LOK SABHA ON 02.02.2023

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<b>List of Hydro Electric Projects (above 25 MW) under implementation (As on 26.01.2023)</b>				
<b>Sl. No.</b>	<b>Name of Scheme</b>	<b>Sector</b>	<b>I.C. (No. X MW)</b>	<b>Cap. Under Execution(MW)</b>
	<b>(Executing Agency)</b>			
	<b>Andhra Pradesh</b>			
1	Polavaram (APGENCO/ Irrigation Dept., A.P.)	State	12x80	960.00
2	Pinnapuram (Greenko AP01 IREP Private Limited)	Private	4x240 + 2x120	1200.00
	<b>Sub-total: Andhra Pradesh</b>			2160.00
	<b>Arunachal Pradesh</b>			
3	Subansiri Lower (NHPC)	Central	8x250	2000.00
	<b>Sub-total: Arunachal Pradesh</b>			2000.00
	<b>Assam</b>			
4	Lower Kopli (APGCL)	State	2x55+2x2.5+1x5	120.00
	<b>Sub-total: Assam</b>			120.00
	<b>Himachal Pradesh</b>			
5	Parbati St. II (NHPC)	Central	4x200	800.00
6	Luhri-I (SJVN)	Central	2x80+2x25	210.00
7	Dhulasidh (SJVN)	Central	2x33	66.00
8	Sunni Dam (SJVN)	Central	4x73+1x73+1x17	382.00
9	Uhl-III (BVPCL)	State	3x33.33	100.00
10	Shongtong Karcham (HPPCL)	State	3x150	450.00
11	Chanju-III (HPPCL)	State	3x16	48.00
12	Tidong-I (Statkraft IPL)	Private	3x50	150.00
13	Kutehr (JSW Energy Ltd)	Private	3x80	240.00
14*	Tangnu Romai (TRPG)	Private	2x22	44.00
	<b>Sub-total: Himachal Pradesh</b>			2490.00
	<b>Jammu &amp; Kashmir</b>			
15	Pakal Dul (CVPPL)	Central	4x250	1000.00
16	Kiru (CVPPL)	Central	4x156	624.00
17	Ratle (RHEPPL / NHPC)	Central	4x205 + 1x30	850.00
18	Kwar (CVPPL)	Central	4x135	540
19	Parnai (JKSPDC)	State	3x12.5	37.50
20*	Lower Kalnai (JKSPDC)	State	2x24	48.00
	<b>Sub-total: Jammu &amp; Kashmir</b>			3099.50
	<b>Kerala</b>			
21	Pallivasal (KSEB)	State	2x30	60.00
22	Thottiyar (KSEB)	State	1x30+1x10	40.00
23	Mankulam (KSEB)	State	2x20	40.00
	<b>Sub-total: Kerala</b>			140.00
	<b>Madhya Pradesh</b>			
24*	Maheshwar (SMHPCL)	Private	10x40	400.00
	<b>Sub-total: Madhya Pradesh</b>			400.00
	<b>Maharashtra</b>			
25*	Koyna Left Bank (WRD,MAH)	State	2x40	80.00
	<b>Sub-total: Maharashtra</b>			80.00

	<b>Punjab</b>			
<b>26</b>	<b>Shahpurkandi (PSPCL/ Irrigation Deptt., Pb.)</b>	<b>State</b>	<b>3x33+3x33+1x8</b>	<b>206.00</b>
	<b>Sub-total: Punjab</b>			<b>206.00</b>
	<b>Sikkim</b>			
<b>27</b>	<b>Teesta St. VI NHPC</b>	<b>Central</b>	<b>4x125</b>	<b>500.00</b>
<b>28</b>	<b>Rangit-IV (NHPC)</b>	<b>Central</b>	<b>3x40</b>	<b>120.00</b>
<b>29*</b>	<b>Bhasmey (Gati Infrastructure)</b>	<b>Private</b>	<b>2x25.5</b>	<b>51.00</b>
<b>30*</b>	<b>Rangit-II (Sikkim Hydro)</b>	<b>Private</b>	<b>2x33</b>	<b>66.00</b>
<b>31*</b>	<b>Panan (Himagiri)</b>	<b>Private</b>	<b>4x75</b>	<b>300.00</b>
	<b>Sub-total: Sikkim</b>			<b>1037.00</b>
	<b>Tamil Nadu</b>			
<b>32</b>	<b>Kundah Pumped Storage Phase-I,II&amp;III)</b>	<b>State</b>	<b>4x125</b>	<b>500.00</b>
	<b>Sub-total: Tamil Nadu</b>			<b>500.00</b>
	<b>Uttarakhand</b>			
<b>33</b>	<b>Vishnugad Pipalkoti (THDC)</b>	<b>Central</b>	<b>4x111</b>	<b>444.00</b>
<b>34</b>	<b>Naitwar Mori (SJVNL)</b>	<b>Central</b>	<b>2x30</b>	<b>60.00</b>
<b>35</b>	<b>Tapovan Vishnugad (NTPC)</b>	<b>Central</b>	<b>4x130</b>	<b>520.00</b>
<b>36</b>	<b>Tehri PSS (THDC)</b>	<b>Central</b>	<b>4x250</b>	<b>1000.00</b>
<b>37*</b>	<b>Lata Tapovan (NTPC)</b>	<b>Central</b>	<b>3x57</b>	<b>171.00</b>
<b>38*</b>	<b>Phata Byung (LANCO)</b>	<b>Private</b>	<b>2x38</b>	<b>76.00</b>
	<b>Sub-total: Uttarakhand</b>			<b>2271.00</b>
	<b>West Bengal</b>			
<b>39</b>	<b>Rammam-III (NTPC)</b>	<b>Central</b>	<b>3x40</b>	<b>120.00</b>
	<b>Sub-total: West Bengal</b>			<b>120.00</b>
	<b>Total:</b>			<b>14623.50</b>
<b>*Project is presently stalled, commissioning subject to re-start of works</b>				

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**ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 30  
ANSWERED IN THE LOK SABHA ON 02.02.2023**

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**List of Hydro Electric Projects (above 25 MW) held-up**

Sl. No.	Name of Scheme (Executing Agency)	I.C. ( No. X MW)	Cap. Under Execution (MW)	Present Status& steps taken to restart works
	<b>Himachal Pradesh</b>			
1	Tangnu Romai (TRPG)	2x22	44.00	Works on hold since Aug 2016 due to fund constraints with the developer. Project is likely to be commissioned 4 years after restart of works.
	<b>Sub-total: Himachal Pradesh</b>		<b>44.00</b>	
	<b>UT of Jammu &amp; Kashmir</b>			
2	Lower Kalnai (JKSPDC)	2x24	48.00	Works on all fronts at Dam and Power House site are stalled since the contract has been terminated by JK Govt. order no. 115-PDD of 2019 dated 08.06.2019. The Balance Work stands tendered out by JKSPDC in EPC mode vide E-NIT on 24.03.2022. Project is likely to be commissioned 4 years after restart of works.
	<b>Sub-total: UT of Jammu &amp; Kashmir</b>		<b>48.00</b>	
	<b>Madhya Pradesh</b>			
3	Maheshwar (SMHPCL)	10x40	400.00	Works suspended since Nov-11 due to cash flow problem with developer. M.P. Power Management Company Ltd. has terminated the Power Purchase Agreement with SMHPCL on 18.04.2020. The application of PFC has been admitted in NCLT on 27.09.2022 under IBC. Project is likely to be commissioned 2 years after restart of works.
	<b>Sub-total: Madhya Pradesh</b>		<b>400.00</b>	
	<b>Maharashtra</b>			
4	Koyna Left Bank (WRD,MAH)	2x40	80.00	Project stalled since July, 2015. The current expenditure on the project has already reached to almost original administrative approved cost level. The proposal for execution with various options (By WRD/ Through BOT/ By MSPGCL in collaboration with WRD) is under process. Project is likely to be commissioned 4 years after restart of works
	<b>Sub-total: Maharashtra</b>		<b>80.00</b>	
	<b>Sikkim</b>			
5	Bhasmey (Gati Infrastructure)	2x25.5	51.00	Works stalled since Sept., 2016 due to funds constraints. Project is likely to be commissioned 4 years after restart of works.
6	Rangit-II (Sikkim Hydro)	2x33	66.00	Works stalled since Dec., 2017 due to funds constraints. Project is in NCLT since 30.07.2020. Project is likely to be commissioned 3 years after restart of works
7	Panan (Himagiri)	4x75	300.00	The permanent bridge over Mantam Lake for accessibility to Dam site is being constructed by SPWD. Project is likely to be commissioned 5 years after restart of works.
	<b>Sub-total: Sikkim</b>		<b>417.00</b>	

<b>Uttarakhand</b>				
<b>8</b>	<b>Lata Tapovan (NTPC)</b>	<b>3x57</b>	<b>171.00</b>	<b>Infrastructure works almost completed. Hon'ble SC stayed construction of 24 HE projects in Uttarakhand including Lata Tapovan. Project is likely to be commissioned 4 years after restart of works.</b>
<b>9</b>	<b>Phata Byung (LANCO)</b>	<b>2x38</b>	<b>76.00</b>	<b>Works stalled since July, 2017 due to Financial crunch. Company undergoing corporate insolvency resolution process initiated under IBC for resolution and revival of the project since June 2020. Resolution Plan is under approval by the National Company Law Tribunal. Project is likely to be commissioned 2 years after restart of works.</b>
<b>Sub-total: Uttarakhand</b>			<b>247.00</b>	
<b>Total:</b>			<b>1236.00</b>	

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