

**MINISTRY OF POWER**

DEMAND NO. 77

**Ministry of Power***(In ₹ crores)*

	Actual 2018-2019			Budget 2019-2020			Revised 2019-2020			Budget 2020-2021		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
Gross	16889.68	2960.43	19850.11	18956.36	3365.92	22322.28	19073.82	2787.92	21861.74	19833.20	2048.08	21881.28
Recoveries	-3357.05	-917.22	-4274.27	-5481.66	-965.80	-6447.46	-5021.12	-965.80	-5986.92	-5040.66	-965.80	-6006.46
Receipts	...	...	...	...	...	...	...	...	...	...	...	...
<b>Net</b>	<b>13532.63</b>	<b>2043.21</b>	<b>15575.84</b>	<b>13474.70</b>	<b>2400.12</b>	<b>15874.82</b>	<b>14052.70</b>	<b>1822.12</b>	<b>15874.82</b>	<b>14792.54</b>	<b>1082.28</b>	<b>15874.82</b>
A. The Budget allocations, net of recoveries, are given below:												
<b>CENTRE'S EXPENDITURE</b>												
<b>Establishment Expenditure of the Centre</b>												
1. Secretariat	43.58	...	43.58	48.39	...	48.39	47.40	...	47.40	51.57	...	51.57
	-0.02	...	-0.02	...	...	...	...	...	...	...	...	...
<i>Net</i>	<i>43.56</i>	...	<i>43.56</i>	<i>48.39</i>	...	<i>48.39</i>	<i>47.40</i>	...	<i>47.40</i>	<i>51.57</i>	...	<i>51.57</i>
2. Statutory Authorities												
2.01 Central Electricity Authority	115.81	...	115.81	122.15	...	122.15	125.57	...	125.57	130.66	...	130.66
2.02 Setting up of Joint Electricity Regulatory Commission (JERC) for UTs and Goa	7.30	...	7.30	9.35	...	9.35	9.35	...	9.35	9.65	...	9.65
2.03 Appellate Tribunal for Electricity	11.75	...	11.75	17.14	...	17.14	17.14	...	17.14	17.40	...	17.40
2.04 Central Electricity Regulatory Commission (CERC) Fund	...	...	...	66.50	...	66.50	66.50	...	66.50	66.50	...	66.50
2.05 Less- Amount met from CERC Fund	...	...	...	-66.50	...	-66.50	-66.50	...	-66.50	-66.50	...	-66.50
<i>Net</i>	<i>134.86</i>	...	<i>134.86</i>	<i>148.64</i>	...	<i>148.64</i>	<i>152.06</i>	...	<i>152.06</i>	<i>157.71</i>	...	<i>157.71</i>
<b>Total-Establishment Expenditure of the Centre</b>	<b>178.42</b>	...	<b>178.42</b>	<b>197.03</b>	...	<b>197.03</b>	<b>199.46</b>	...	<b>199.46</b>	<b>209.28</b>	...	<b>209.28</b>
<b>Central Sector Schemes/Projects</b>												
<b>Conservation and Energy Efficiency</b>												
3. Energy Conservation Schemes												
3.01 Energy Conservation	26.50	...	26.50	110.00	...	110.00	110.00	...	110.00	109.99	...	109.99
<b>Deen Dayal Upadhyaya Gram Jyoti Yojna</b>												
4. Deen Dayal Upadhyaya Gram Jyoti Yojna	3799.80	...	3799.80	4066.00	...	4066.00	4066.00	...	4066.00	4500.00	...	4500.00
5. Sahaj Bijli Har Ghar Yojana (Rural)- Saubhagya	2750.00	...	2750.00	...	...	...	...	...	...	...	...	...
<b>Total-Deen Dayal Upadhyaya Gram Jyoti Yojna</b>	<b>6549.80</b>	...	<b>6549.80</b>	<b>4066.00</b>	...	<b>4066.00</b>	<b>4066.00</b>	...	<b>4066.00</b>	<b>4500.00</b>	...	<b>4500.00</b>
<b>Integrated Power Development Scheme</b>												

(In ₹ crores)

	Actual 2018-2019			Budget 2019-2020			Revised 2019-2020			Budget 2020-2021		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
<b>6. Integrated Power Development Scheme</b>												
6.01 Transfer to Central Road and Infrastructure Fund (CRIF)	2812.59	...	2812.59	4380.45	900.00	5280.45	4380.45	900.00	5280.45	4400.00	900.00	5300.00
6.02 IPDS-Grant	2812.59	...	2812.59	4380.45	...	4380.45	4762.72	...	4762.72	4400.00	...	4400.00
6.03 IPDS-Loans	...	1734.43	1734.43	...	900.00	900.00	...	900.00	900.00	...	900.00	900.00
6.04 Sahaj Bijli Har Ghar Yojana (Urban)- Saubhagya	216.90	...	216.90	...	...	...	...	...	...	...	...	...
6.05 Less- Amount Met from Central Road and Infrastructure Fund (CRIF)	-2812.59	-867.22	-3679.81	-4380.45	-900.00	-5280.45	-4380.45	-900.00	-5280.45	-4400.00	-900.00	-5300.00
6.06 Scheme for Smart Metering	...	...	...	0.01	...	0.01	0.01	...	0.01	...	...	...
<i>Total- Integrated Power Development Scheme</i>	<i>3029.49</i>	<i>867.21</i>	<i>3896.70</i>	<i>4380.46</i>	<i>900.00</i>	<i>5280.46</i>	<i>4762.73</i>	<i>900.00</i>	<i>5662.73</i>	<i>4400.00</i>	<i>900.00</i>	<i>5300.00</i>
<b>Strengthening of Power Systems</b>												
<b>7. Strengthening of Power Systems</b>												
7.01 Smart Grids	7.13	...	7.13	62.15	...	62.15	39.55	...	39.55	40.00	...	40.00
7.02 Green Energy Corridors	...	105.00	105.00	...	15.00	15.00	...	15.00	15.00	...	33.00	33.00
7.03 Interest Subsidy to National Electricity Fund	108.00	...	108.00	75.00	...	75.00	75.00	...	75.00	200.00	...	200.00
7.04 220 kV Transmission line from Srinagar to Leh via Kargil	...	500.00	500.00	...	160.47	160.47	...	160.47	160.47	...	...	...
7.05 Power System Improvement in North Eastern States excluding Arunachal Pradesh and Sikkim (Program Component)	582.50	...	582.50	313.50	...	313.50	430.00	...	430.00	430.00	...	430.00
7.06 Power System Improvement in North Eastern States excluding Arunachal Pradesh and Sikkim (EAP Component)	700.00	...	700.00	256.50	...	256.50	340.00	...	340.00	340.00	...	340.00
7.07 Strengthening of Transmission System in the States of Arunachal Pradesh and Sikkim	800.00	...	800.00	595.42	...	595.42	800.00	...	800.00	800.00	...	800.00
7.08 Actual recovery	-0.44	...	-0.44	...	...	...	...	...	...	...	...	...
<i>Net</i>	<i>2197.19</i>	<i>605.00</i>	<i>2802.19</i>	<i>1302.57</i>	<i>175.47</i>	<i>1478.04</i>	<i>1684.55</i>	<i>175.47</i>	<i>1860.02</i>	<i>1810.00</i>	<i>33.00</i>	<i>1843.00</i>
<b>Power System Development Fund</b>												
<b>8. Power System Development Fund</b>												
8.01 Transfer to Power System Development Fund (PSDF)	544.00	...	544.00	1034.71	...	1034.71	574.17	...	574.17	574.16	...	574.16
8.02 Scheme for Power System Development	544.00	...	544.00	582.08	...	582.08	121.48	...	121.48	121.48	...	121.48
8.03 Utilisation of Gas based Generation Capacity	...	...	...	0.01	...	0.01	0.01	...	0.01	...	...	...
8.04 Payment of interest for loan	...	...	...	452.62	...	452.62	452.68	...	452.68	452.68	...	452.68
8.05 Less-Amount met from Power System Development Fund	-544.00	...	-544.00	-1034.71	...	-1034.71	-574.17	...	-574.17	-574.16	...	-574.16
<i>Net</i>	<i>544.00</i>	<i>...</i>	<i>544.00</i>	<i>1034.71</i>	<i>...</i>	<i>1034.71</i>	<i>574.17</i>	<i>...</i>	<i>574.17</i>	<i>574.16</i>	<i>...</i>	<i>574.16</i>
<b>9. Reform Linked Distribution Scheme</b>	...	...	...	...	...	...	...	...	...	0.01	...	0.01
<b>Total-Central Sector Schemes/Projects</b>	<b>12346.98</b>	<b>1472.21</b>	<b>13819.19</b>	<b>10893.74</b>	<b>1075.47</b>	<b>11969.21</b>	<b>11197.45</b>	<b>1075.47</b>	<b>12272.92</b>	<b>11394.16</b>	<b>933.00</b>	<b>12327.16</b>
<b>Other Central Sector Expenditure</b>												
<b>Autonomous Bodies</b>												

(In ₹ crores)

	Actual 2018-2019			Budget 2019-2020			Revised 2019-2020			Budget 2020-2021		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
<b>10. Training and Research</b>												
10.01 Central Power Research Institute	94.34	...	94.34	200.00	...	200.00	200.00	...	200.00	200.00	...	200.00
10.02 National Power Training Institute	100.55	...	100.55	69.00	...	69.00	50.00	...	50.00	82.34	...	82.34
<i>Total- Training and Research</i>	<i>194.89</i>	<i>...</i>	<i>194.89</i>	<i>269.00</i>	<i>...</i>	<i>269.00</i>	<i>250.00</i>	<i>...</i>	<i>250.00</i>	<i>282.34</i>	<i>...</i>	<i>282.34</i>
<b>11. Conservation and Energy Efficiency</b>												
11.01 Bureau of Energy Efficiency (Program Component)	10.49	...	10.49	100.16	...	100.16	100.16	...	100.16	100.16	...	100.16
11.02 Bureau of Energy Efficiency (EAP Component)	3.21	...	3.21	3.21	...	3.21	3.21	...	3.21	3.21	...	3.21
<i>Total- Conservation and Energy Efficiency</i>	<i>13.70</i>	<i>...</i>	<i>13.70</i>	<i>103.37</i>	<i>...</i>	<i>103.37</i>	<i>103.37</i>	<i>...</i>	<i>103.37</i>	<i>103.37</i>	<i>...</i>	<i>103.37</i>
<b>Total-Autonomous Bodies</b>	<b>208.59</b>	<b>...</b>	<b>208.59</b>	<b>372.37</b>	<b>...</b>	<b>372.37</b>	<b>353.37</b>	<b>...</b>	<b>353.37</b>	<b>385.71</b>	<b>...</b>	<b>385.71</b>
<b>Public Sector Undertakings</b>												
<b>12. Assistance to CPSUs</b>												
12.01 National Hydro Electric Power Corporation Ltd	...	482.00	482.00	...	554.64	554.64	...	554.64	554.64	...	84.27	84.27
12.02 Tehri Development Corporation (THDC)	...	28.00	28.00	...	21.00	21.00	...	21.00	21.00	...	...	...
12.03 North Eastern Electric Power Corporation (NEEPCO)	...	61.00	61.00	...	684.00	684.00	...	171.00	171.00	...	...	...
12.04 Central Assistance for Pakul Dul HEP under J and K PMDP 2015 as grant to Chenab Valley Power Projects Private Limited (CVPPPL)	100.00	...	100.00	351.78	...	351.78	322.85	...	322.85	373.65	...	373.65
12.05 GoI fully serviced bond issue expenditure and interest (PFC bonds)	376.40	...	376.40	376.40	...	376.40	376.40	...	376.40	376.40	...	376.40
12.06 GoI fully serviced bond issue expenditure and interest (REC Bonds)	322.24	...	322.24	1185.03	...	1185.03	1504.82	...	1504.82	1920.92	...	1920.92
12.07 Reimbursement of Claim for any expenditure already incurred by NTPC on Lohari Nagpala Hydro Power	...	...	...	0.01	...	0.01	0.01	...	0.01	104.40	...	104.40
<i>Total- Assistance to CPSUs</i>	<i>798.64</i>	<i>571.00</i>	<i>1369.64</i>	<i>1913.22</i>	<i>1259.64</i>	<i>3172.86</i>	<i>2204.08</i>	<i>746.64</i>	<i>2950.72</i>	<i>2775.37</i>	<i>84.27</i>	<i>2859.64</i>
<b>13. Acquisition of Coal bearing areas for NTPC</b>												
13.01 Acquisition of coal bearing areas	...	50.00	50.00	...	65.80	65.80	...	65.80	65.80	...	65.80	65.80
13.02 Less Recoveries	...	-50.00	-50.00	...	-65.80	-65.80	...	-65.80	-65.80	...	-65.80	-65.80
<i>Net</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>
<b>Total-Public Sector Undertakings</b>	<b>798.64</b>	<b>571.00</b>	<b>1369.64</b>	<b>1913.22</b>	<b>1259.64</b>	<b>3172.86</b>	<b>2204.08</b>	<b>746.64</b>	<b>2950.72</b>	<b>2775.37</b>	<b>84.27</b>	<b>2859.64</b>
<b>Others</b>												
14. Advance Ultra Super Critical plant in Sipat, Chattisgarh	...	...	...	0.01	...	0.01	0.01	...	0.01	0.01	...	0.01
15. Payment to Law firm P and A Law associates in KOWEPO case	...	...	...	0.50	...	0.50	0.50	...	0.50	28.00	...	28.00
16. Payment to SDMC- Badarpur Thermal Power Station	...	...	...	97.83	...	97.83	97.83	...	97.83	...	...	...
17. Support for cost of enabling infrastructure i.e Roads/ Bridge etc	...	...	...	...	65.00	65.00	...	...	...	...	65.00	65.00
18. Support for flood moderation storage- Hydro electric projects	...	...	...	...	0.01	0.01	...	0.01	0.01	...	0.01	0.01

(In ₹ crores)

	Actual 2018-2019			Budget 2019-2020			Revised 2019-2020			Budget 2020-2021		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
19. Dispute Resolution Authority	...	...	...	...	...	...	...	...	...	0.01	...	0.01
<b>Total-Others</b>	...	...	...	<b>98.34</b>	<b>65.01</b>	<b>163.35</b>	<b>98.34</b>	<b>0.01</b>	<b>98.35</b>	<b>28.02</b>	<b>65.01</b>	<b>93.03</b>
<b>Total-Other Central Sector Expenditure</b>	<b>1007.23</b>	<b>571.00</b>	<b>1578.23</b>	<b>2383.93</b>	<b>1324.65</b>	<b>3708.58</b>	<b>2655.79</b>	<b>746.65</b>	<b>3402.44</b>	<b>3189.10</b>	<b>149.28</b>	<b>3338.38</b>
<b>Grand Total</b>	<b>13532.63</b>	<b>2043.21</b>	<b>15575.84</b>	<b>13474.70</b>	<b>2400.12</b>	<b>15874.82</b>	<b>14052.70</b>	<b>1822.12</b>	<b>15874.82</b>	<b>14792.54</b>	<b>1082.28</b>	<b>15874.82</b>
<b>B. Developmental Heads</b>												
<b>Economic Services</b>												
1. Power	13489.07	...	13489.07	11853.39	...	11853.39	11757.50	...	11757.50	12763.47	...	12763.47
2. Secretariat-Economic Services	43.56	...	43.56	48.39	...	48.39	47.40	...	47.40	51.57	...	51.57
3. Capital Outlay on Power Projects	...	694.00	694.00	...	261.48	261.48	...	196.48	196.48	...	98.01	98.01
4. Loans for Power Projects	...	1349.21	1349.21	...	1364.64	1364.64	...	1364.64	1364.64	...	894.27	894.27
<b>Total-Economic Services</b>	<b>13532.63</b>	<b>2043.21</b>	<b>15575.84</b>	<b>11901.78</b>	<b>1626.12</b>	<b>13527.90</b>	<b>11804.90</b>	<b>1561.12</b>	<b>13366.02</b>	<b>12815.04</b>	<b>992.28</b>	<b>13807.32</b>
<b>Others</b>												
5. North Eastern Areas	...	...	...	1572.92	...	1572.92	2247.80	...	2247.80	1977.50	...	1977.50
6. Capital Outlay on North Eastern Areas	...	...	...	...	684.00	684.00	...	171.00	171.00	...	...	...
7. Loans for North Eastern Areas	...	...	...	...	90.00	90.00	...	90.00	90.00	...	90.00	90.00
<b>Total-Others</b>	...	...	...	<b>1572.92</b>	<b>774.00</b>	<b>2346.92</b>	<b>2247.80</b>	<b>261.00</b>	<b>2508.80</b>	<b>1977.50</b>	<b>90.00</b>	<b>2067.50</b>
<b>Grand Total</b>	<b>13532.63</b>	<b>2043.21</b>	<b>15575.84</b>	<b>13474.70</b>	<b>2400.12</b>	<b>15874.82</b>	<b>14052.70</b>	<b>1822.12</b>	<b>15874.82</b>	<b>14792.54</b>	<b>1082.28</b>	<b>15874.82</b>
	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
<b>C. Investment in Public Enterprises</b>												
1. National Thermal Power Corporation Limited	...	27363.24	27363.24	...	20000.00	20000.00	...	20000.00	20000.00	...	21000.00	21000.00
2. National Hydro Electric Power Corporation Limited	482.00	3748.41	4230.41	554.64	3251.36	3806.00	554.64	4644.65	5199.29	84.27	5317.02	5401.29
3. Damodar Valley Corporation Limited	...	764.85	764.85	...	1835.26	1835.26	...	1410.41	1410.41	...	2342.00	2342.00
4. North Eastern Electric Power Corporation Limited	61.00	691.99	752.99	684.00	241.79	925.79	171.00	773.64	944.64	...	564.36	564.36
5. Satluj Jal Vidyut Nigam Limited	...	854.04	854.04	...	1200.00	1200.00	...	1200.00	1200.00	...	2880.00	2880.00
6. Tehri Hydro Development Corporation Limited	28.00	957.03	985.03	21.00	879.00	900.00	21.00	918.00	939.00	...	1781.00	1781.00
7. Power Grid Corporation of India Limited	...	25807.00	25807.00	...	15000.00	15000.00	...	15000.00	15000.00	...	10500.00	10500.00

	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
8. Rural Electrification Corporation	...	13827.00	13827.00	...	...	...	...	8500.00	8500.00	...	5500.00	5500.00
9. Power Finance Corporation	...	...	...	...	...	...	...	...	...	...	...	...
<b>Total</b>	<b>571.00</b>	<b>74013.56</b>	<b>74584.56</b>	<b>1259.64</b>	<b>42407.41</b>	<b>43667.05</b>	<b>746.64</b>	<b>52446.70</b>	<b>53193.34</b>	<b>84.27</b>	<b>49884.38</b>	<b>49968.65</b>

1. **Secretariat:** Provision is made for expenditure on establishment matters of the Secretariat of the Ministry of Power.

2.01. **Central Electricity Authority:** The Central Electricity Authority (CEA) as a statutory organization is responsible for overall power sector planning, coordination, according concurrence to hydro-electric schemes, promoting and assisting the timely completion of projects, specifying technical standards and safety requirements, Grid Standards and conditions for installation of meters applicable to the Power Sector of the country.

2.02. **Setting up of JERC for UTs and Goa:** The Central Government has set up a Joint Electricity Regulatory Commission (JERC) for Goa and all Union Territories except Delhi. Expenditure of the Joint Commission is borne by the Central Government and the Government of Goa in the ratio of 6:1.

2.03. **Appellate Tribunal for Electricity:** Under the provisions of Electricity Act, 2003, the Central Government has set up the Appellate Tribunal for Electricity. It hears appeals against the orders of the adjudicating officer or the Appropriate Commissions under the Electricity Act, 2003. Under the provisions of the Petroleum and Natural Gas Regulatory Board Act, 2006, APTEL is the Appellate Tribunal for the purpose of that Act.

2.04. **Central Electricity Regulatory Commission (CERC) Fund:** CERC is a statutory body constituted under the provision of the erstwhile Electricity Regulatory Commissions Act, 1998 and continued under Electricity Act, 2003 (which has since repealed inter alia the ERC Act, 1998). The main functions of the CERC are to regulate the tariff of generating companies owned or controlled by the Central Government, to regulate the tariff of generating companies other than those owned or controlled by the Central Government, if such generating companies enter into or otherwise have a composite scheme for generation and sale of electricity in more than one State, to regulate the inter-State transmission of energy including tariff of the transmission utilities, to grant licences for inter-State transmission and trading and to advise the Central Government in formulation of National Electricity Policy and Tariff Policy.

3.01. **Energy Conservation:** The funds would be utilized for (i) carrying out awareness creation on Energy Conservation through print, electronic and other media for general public, (ii) Continuation of EC awards and painting competition on Energy Conservation, (iii) implementation of the National Mission for Enhanced Energy Efficiency (NMEEE) and (iv) the upscaling of the efforts to create and sustain market for energy efficiency to unlock investments. (v) Shields and certificates are given by MoP to generating stations, transmission and distribution utilities and rural distribution franchise for recognising meritorious performance in operation, project management and environmental protection.

4. **Deen Dayal Upadhyaya Gram Jyoti Yojna:** Deendayal Upadhyaya Gram Jyoti Yojna (DDUGJY) has the following objectives : (a) to separate agriculture and non-agriculture feeders to facilitate

Discoms in the judicious rostering of supply to agricultural & non-agricultural consumers (b) strengthen and augment sub-transmission & Distribution infrastructure in rural areas and (c) Rural electrification. The scope of works covered under the scheme are Feeder separation, creation of new sub-stations, provision of micro-grid and off-grid distribution network, HT/LT lines, augmentation of sub-stations and metering at all levels. Under the scheme, Govt. of India is providing financial support in the form of grants to the DisComs for implementation of the scheme. All DisComs including Private Sector DisComs are eligible for availing financial support under the scheme. The erstwhile Rajiv Gandhi Gramin Vidutikaran Yojna (RGGVY) has been subsumed in DDUGJY as its Rural Electrification component.

6. **Integrated Power Development Scheme:** The objective of the scheme is 24x7 power supply for consumers, reduction of AT&C losses and providing access to all households. The scheme has three major components namely improvement of sub-transmission and distribution system in urban areas, metering & IT enablement in distribution sector under ongoing Restructured-Accelerated Power Development Reform Programme (R-APDRP) scheme, which has been subsumed under Integrated Power Development Scheme (IPDS). R-APDRP has two major components: Part-A includes projects for establishment of information technology-based energy accounting and audit system leading to finalization of verifiable base-line AT&C loss levels in the project areas; Part-B envisages distribution network strengthening investments leading to reduction in loss level. The scheme has both Grant and loan components.

6.01. **Transfer to Central Road and Infrastructure Fund (CRIF):** The amount under the scheme is met from Central Road and Infrastructure Fund (CRIF).

6.02. **IPDS-Grant:** Grant is given to the utilities through the Nodal Agency for carrying out the activities under the Scheme within a specified time frame.

6.03. **IPDS-Loans:** Loan has been given to the utilities for carrying out the activities through the Nodal Agency, which will be converted into grant after successful completion of the programme.

6.07. **Scheme for Smart Metering:** To accelerate the smart metering, a scheme with GoI funding for supply and installation of smart meter on PAN India basis.

7.01. **Smart Grids:** The scheme envisages setting up of an institutional mechanism by launching 'National Smart Grid Mission' which would serve the need of an electrical grid with automation, communication and IT systems that can monitor power flows from points of generation to points of consumption and ensure control of power flow or curtailment of loads matching generation on real time basis.

7.02. **Green Energy Corridors:** The scheme is proposed for maximization of renewable energy generation and integration with the main grid without compromising on the security and stability of power system.

7.03. **Interest Subsidy to National Electricity Fund:** The National Electricity Fund (NEF) is being set up to provide interest subsidy on loans to be disbursed to the Distribution Companies (DISCOMS) both in the Public and Private Sector, to improve the distribution network for areas not covered by RGGVY and R-APDRP scheme (since subsumed in DDUGJY and IPDS respectively) Project areas.

7.05. **220 kV Transmission line from Srinagar to Leh via Kargil:** The provision is for construction of 220kV Transmission System from Alusteng (Srinagar) to Leh (via Drass, Kargil & Khalsti 220/66 PGCIL substations) and 66 PGCIL interconnection system for Drass, Kargil, Khalsti and Leh sub-stations in Jammu & Kashmir (J&K).

7.06. **Power System Improvement in North Eastern States excluding Arunachal Pradesh and Sikkim (Program Component):** The project is for Power System Improvement in six NER states viz. Assam, Manipur, Meghalaya, Mizoram, Tripura and Nagaland. It is funded by the World Bank. Intra-State Transmission & Distribution projects for Sikkim & Arunachal Pradesh have been segregated for implementation through budgetary support from Government of India in view of these States having sensitive borders.

7.08. **Strengthening of Transmission System in the States of Arunachal Pradesh and Sikkim:** A comprehensive scheme for strengthening of transmission, sub-transmission and distribution system in the entire NER including Sikkim has been conceptualized.

8. **Power System Development Fund:** The scheme envisages (a) strengthening of existing distribution and transmission infrastructure by part-funding through Grants.(Non-Gas component) (b) Provision for subsidy to DISCOMS purchasing electricity from stranded Gas based Power Plants (Gas component).

9. **Reform Linked Distribution Scheme:** A scheme for Distribution sub sector as mix of Results and Reforms based financial support with an objective of ensuring 24 . 7 sustainable Power for all, and a financially viable Distribution Sector. The scheme envisages support to DISCOMs in case of adoption of Reform packages including Public Private Ownership of Distribution Companies , Adoption of various franchisee models at Distribution level including multiple supply franchisees .

10.01. **Central Power Research Institute:** Central Power Research Institute, Bengaluru serves as a National Laboratory for applied research in the field of electrical power and also functions as an independent authority for testing, evaluation and certification of electrical equipment and components.

10.02. **National Power Training Institute:** National Power Training Institute is engaged in imparting training in various aspects of power sector including operation and maintenance of power stations.

11. **Conservation and Energy Efficiency:** Funds are provided to Bureau of Energy Efficiency (BEE) for implementation of various energy efficiency initiatives in the areas of household lighting, commercial buildings, Standards & Labeling appliances, Demand Side Management in Agriculture or Municipalities, SMEs and large industries including the initiation of the process for development of Energy Consumption norms for industrial sub-sectors, capacity building of SDAs, DISCOMS etc.

12.01. **National Hydro Electric Power Corporation Ltd:** NHPC was set up in 1975 under Companies Act, 1956, with a view to securing speedy, efficient and economical execution and operation of Hydro-Electric projects in the Central Sector. NHPC is a schedule A (Mini Ratna) Enterprise of the Government of India. The Capital Outlay is for meeting in part the need for funds for Chutak HEP/ Nimoo Bazjo.

12.02. **Tehri Development Corporation (THDC):** THDC India Limited is a Joint Venture of Govt. of India and Govt. of Uttar Pradesh. The equity is shared between GoI and GoUP in the ratio of 3:1. The

company was incorporated in July, 1988 to develop, operate and maintain the 2400 MW Tehri Hydro Power Complex and other hydro projects in the Bhagirathi valley. The Capital outlay is for meeting in part the expenditure on VishnuGadh Pipal Koti HEP.

12.03. **North Eastern Electric Power Corporation (NEEPCO):** The North Eastern Electric Power Corporation Limited (NEEPCO), a Schedule A Mini Ratna company under Ministry of Power, set up on 2nd April, 1976, carries the objective of developing the power potential in India and abroad with special emphasis on the NE Region of the country through planned development and commissioning of power projects, which in turn would promote the overall development of the country and NE region in particular. The capital outlay is for meeting part of the expenditure on Kameng HEP as per the requirement.

12.04. **Central Assistance for Pakul Dul HEP under J and K PMDP 2015 as grant to Chenab Valley Power Projects Private Limited (CVPPPL):** It is part of Prime Minister development package (2015), the assistance is for the Pakul Dul HEP implemented through joint venture with Chenab Valley Power project Pvt limited.

12.05. **GoI fully serviced bond issue expenditure and interest (PFC bonds):** The allocation is required for expenses and on the issue of Bonds, interest payable on infrastructure bonds raise by Power Finance Corporation (PFC).

12.06. **GoI fully serviced bond issue expenditure and interest (REC Bonds):** Interest payment on account of EBR of Rs 4000 cr raised during FY 2017-18 and Rs 15000 crore to raised during FY 2018-19 for DDUGJY & Saubhagaya (Rural).

12.07. **Reimbursement of Claim for any expenditure already incurred by NTPC on Lohari Nagpala Hydro Power:** The scheme is for distribution of award in respect of Lohari Nag Pala Hydro Power Project.

13. **Acquisition of Coal bearing areas for NTPC:** The allocation is budget neutral as met through recoveries from NTPC on acquisition of Coal bearing areas for NTPC.

14. **Advance Ultra Super Critical plant in Sipat, Chattisgarh:** Setting up of technology demonstration project at Sipat, Chattisgarh.

15. **Payment to Law firm P and A Law associates in KOWEPO case:** Payment to Law firm under the India Korea CEPA and India Korea BIT for defending case and dispute on behalf of GoI.

16. **Payment to SDMC- Badarpur Thermal Power Station:** Payment to South Delhi Municipal Corporation on account of Land Lease in respect of Badarpur Thermal Power Station.

17. **Support for cost of enabling infrastructure i.e Roads/ Bridge etc:** Allocation for developing enabling infrastructure such as Roads, Bridges etc at site of Hydro Project.

18. **Support for flood moderation storage- Hydro electric projects:** Allocation for support for Flood moderation storage at Hydro electric projects.

19. **Dispute Resolution Authority:** Allocation is for Dispute Resolution Authority that has been envisaged for adjudication of disputes involving generating companies or transmission licensee and to refer any dispute for arbitration, as per Section 79(1)(f) of the Electricity Act, 2003