

MINISTRY OF NEW AND RENEWABLE ENERGY

DEMAND NO. 71

Ministry of New and Renewable Energy*(In ₹ crores)*

	Actual 2021-2022			Budget 2022-2023			Revised 2022-2023			Budget 2023-2024		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
Gross	4216.42	2575.98	6792.40	6888.94	11.74	6900.68	12557.27	13.74	12571.01	17717.81	11.65	17729.46
Recoveries	-209.45	...	-209.45	...	...	...	-5538.01	...	-5538.01	-7507.46	...	-7507.46
Receipts	...	...	...	...	...	...	...	...	...	...	...	...
Net	4006.97	2575.98	6582.95	6888.94	11.74	6900.68	7019.26	13.74	7033.00	10210.35	11.65	10222.00
A. The Budget allocations, net of recoveries, are given below:												
CENTRE'S EXPENDITURE												
Establishment Expenditure of the Centre												
1. Secretariat	34.34	...	34.34	56.01	...	56.01	54.01	...	54.01	53.54	6.65	60.19
	-0.03	...	-0.03	...	...	...	...	...	...	...	...	...
<i>Net</i>	<i>34.31</i>	<i>...</i>	<i>34.31</i>	<i>56.01</i>	<i>...</i>	<i>56.01</i>	<i>54.01</i>	<i>...</i>	<i>54.01</i>	<i>53.54</i>	<i>6.65</i>	<i>60.19</i>
2. Office Buildings	...	75.98	75.98	...	11.74	11.74	...	13.74	13.74	...	5.00	5.00
Total-Establishment Expenditure of the Centre	34.31	75.98	110.29	56.01	11.74	67.75	54.01	13.74	67.75	53.54	11.65	65.19
Central Sector Schemes/Projects												
Solar Energy												
3. Solar Power (Off-Grid)	160.24	...	160.24	61.50	...	61.50	61.50	...	61.50	361.50	...	361.50
4. Other Renewable Energy Applications (OREA)	0.06	...	0.06	0.10	...	0.10	0.10	...	0.10	...	...	...
5. Interest Payment and Issuing Expenses on the Bonds	124.35	...	124.35	124.36	...	124.36	124.35	...	124.35	...	...	...
Total-Solar Energy	284.65	...	284.65	185.96	...	185.96	185.95	...	185.95	361.50	...	361.50
Programme for Wind and other Renewable Energy												
6. Hydro Power (Grid)	27.73	...	27.73	50.00	...	50.00	20.00	...	20.00	30.00	...	30.00
7. Hydro Power (Off-Grid)	0.28	...	0.28	2.00	...	2.00	1.00	...	1.00	1.00	...	1.00
Total-Programme for Wind and other Renewable Energy	28.01	...	28.01	52.00	...	52.00	21.00	...	21.00	31.00	...	31.00
Storage and Transmission												
8. Green Energy Corridor	134.67	...	134.67	300.00	...	300.00	250.00	...	250.00	500.00	...	500.00
9. <i>Bio Energy Programme</i>												
9.01 Bio-Power (Grid)	159.00	...	159.00
9.02 Bio-Power (Off-Grid)	127.85	...	127.85

(In ₹ crores)

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	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
9.03 Biogas Programme (Off-Grid )	...	...	...	...	...	...	...	...	...	95.00	...	95.00
<i>Total- Bio Energy Programme</i>	...	...	...	...	...	...	...	...	...	381.85	...	381.85
10. Support Programme												
10.01 Information and Public Advertising (I&PA)	...	...	...	...	...	...	...	...	...	6.00	...	6.00
10.02 Human Resources Development and Training	...	...	...	...	...	...	...	...	...	47.00	...	47.00
10.03 Research and Development	...	...	...	...	...	...	...	...	...	70.00	...	70.00
<i>Total- Support Programme</i>	...	...	...	...	...	...	...	...	...	123.00	...	123.00
Solar Energy												
11. Kisan Urja Suraksha evam Utthaan Mahabhiyan (KUSUM)												
11.01 Transfers to Sovereign Green Fund	...	...	...	...	...	...	1325.00	...	1325.00	1996.46	...	1996.46
11.02 met from Sovereign Green Fund	...	...	...	...	...	...	-1325.00	...	-1325.00	-1996.46	...	-1996.46
11.03 Programme Component	406.04	...	406.04	1715.90	...	1715.90	1325.00	...	1325.00	1996.46	...	1996.46
<i>Total- Kisan Urja Suraksha evam Utthaan Mahabhiyan (KUSUM)</i>	406.04	...	406.04	1715.90	...	1715.90	1325.00	...	1325.00	1996.46	...	1996.46
Hydrogen Mission												
12. National Green Hydrogen Mission												
12.01 Programme Component	...	...	...	0.01	...	0.01	0.01	...	0.01	297.00	...	297.00
12.02 Transfer to Sovereign Green Fund	...	...	...	...	...	...	0.01	...	0.01	297.00	...	297.00
12.03 Amount met from Sovereign Green Fund	...	...	...	...	...	...	-0.01	...	-0.01	-297.00	...	-297.00
<i>Net</i>	...	...	...	0.01	...	0.01	0.01	...	0.01	297.00	...	297.00
Solar Energy												
13. Solar Power (Grid)												
13.01 Programme Component	2042.22	...	2042.22	3304.03	...	3304.03	3469.61	...	3469.61	4970.00	...	4970.00
13.02 Transfers to Sovereign Green Fund	...	...	...	...	...	...	2800.00	...	2800.00	4000.00	...	4000.00
13.03 Amount met from Sovereign Green Fund	...	...	...	...	...	...	-2800.00	...	-2800.00	-4000.00	...	-4000.00
<i>Net</i>	2042.22	...	2042.22	3304.03	...	3304.03	3469.61	...	3469.61	4970.00	...	4970.00
Programme for Wind and other Renewable Energy												
14. Wind Power (Grid)												
14.01 Programme Component	1100.00	...	1100.00	1050.00	...	1050.00	1413.00	...	1413.00	1214.00	...	1214.00
14.02 Transfers to Sovereign Green Fund	...	...	...	...	...	...	1413.00	...	1413.00	1214.00	...	1214.00
14.03 Amount met from Sovereign Green Fund	...	...	...	...	...	...	-1413.00	...	-1413.00	-1214.00	...	-1214.00
<i>Net</i>	1100.00	...	1100.00	1050.00	...	1050.00	1413.00	...	1413.00	1214.00	...	1214.00
Bio Energy Programme												
15. Bio Power (Grid)	53.45	...	53.45	50.00	...	50.00	52.46	...	52.46	...	...	...
16. Bio Power (Off-Grid)	36.44	...	36.44	20.00	...	20.00	12.00	...	12.00
17. Biogas Programme (Off-Grid)	7.28	...	7.28	30.00	...	30.00	20.00	...	20.00

(In ₹ crores)

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	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
Total-Bio Energy Programme	97.17	...	97.17	100.00	...	100.00	84.46	...	84.46	...	...	...
Support Programme												
18. Monitoring and Evaluation	...	...	...	0.10	...	0.10	0.01	...	0.01	...	...	...
19. Information and Public Advertising (I&PA)	0.57	...	0.57	6.00	...	6.00	3.00	...	3.00	...	...	...
20. Human Resources Development and Training	20.01	...	20.01	30.93	...	30.93	20.01	...	20.01	...	...	...
21. International Relations	3.20	...	3.20	8.00	...	8.00	3.20	...	3.20	...	...	...
22. Research and Development	26.92	...	26.92	35.00	...	35.00	45.00	...	45.00	...	...	...
Total-Support Programme	50.70	...	50.70	80.03	...	80.03	71.22	...	71.22	...	...	...
Total-Central Sector Schemes/Projects	4143.46	...	4143.46	6787.93	...	6787.93	6820.25	...	6820.25	9874.81	...	9874.81
Other Central Sector Expenditure												
Autonomous Bodies												
23. National Institute of Wind Energy	20.00	...	20.00	22.00	...	22.00	22.00	...	22.00	24.50	...	24.50
24. National Institute of Bio Energy	4.96	...	4.96	7.00	...	7.00	7.00	...	7.00	9.50	...	9.50
25. National Institute of Solar Energy	13.66	...	13.66	16.00	...	16.00	16.00	...	16.00	20.00	...	20.00
Total-Autonomous Bodies	38.62	...	38.62	45.00	...	45.00	45.00	...	45.00	54.00	...	54.00
Public Sector Undertakings												
26. Indian Renewal Energy Development Agency (IREDA)	...	1500.00	1500.00	...	...	...	...	...	...	...	...	...
27. Solar Energy Corporation of India (SECI)	...	1000.00	1000.00	...	...	...	...	...	...	...	...	...
Total-Public Sector Undertakings	...	2500.00	2500.00	...	...	...	...	...	...	...	...	...
Others												
28. Interest Payment and Issuing Expenses on the Bonds	...	...	...	...	...	...	...	...	...	124.35	...	124.35
29. International Relations	...	...	...	...	...	...	...	...	...	3.60	...	3.60
30. Monitoring and Evaluation	...	...	...	...	...	...	...	...	...	0.05	...	0.05
31. Assistance to International Solar Alliance	...	...	...	...	...	...	100.00	...	100.00	100.00	...	100.00
32. Deduct Recovery of over Payment	-209.42	...	-209.42	...	...	...	...	...	...	...	...	...
Total-Others	-209.42	...	-209.42	...	...	...	100.00	...	100.00	228.00	...	228.00
Total-Other Central Sector Expenditure	-170.80	2500.00	2329.20	45.00	...	45.00	145.00	...	145.00	282.00	...	282.00
Grand Total	4006.97	2575.98	6582.95	6888.94	11.74	6900.68	7019.26	13.74	7033.00	10210.35	11.65	10222.00
B. Developmental Heads												
Economic Services												
1. New and Renewable Energy	3972.66	...	3972.66	6153.93	...	6153.93	6295.25	...	6295.25	9168.81	...	9168.81
2. Secretariat-Economic Services	34.31	...	34.31	56.01	...	56.01	54.01	...	54.01	53.54	...	53.54

(In ₹ crores)

	Actual 2021-2022			Budget 2022-2023			Revised 2022-2023			Budget 2023-2024		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
3. Capital Outlay on New and Renewable Energy	...	2575.98	2575.98	...	11.74	11.74	...	13.74	13.74	...	5.00	5.00
4. Capital Outlay on Other General Economic Services	...	...	...	...	...	...	...	...	...	...	6.65	6.65
Total-Economic Services	4006.97	2575.98	6582.95	6209.94	11.74	6221.68	6349.26	13.74	6363.00	9222.35	11.65	9234.00
Others												
5. North Eastern Areas	...	...	...	679.00	...	679.00	670.00	...	670.00	988.00	...	988.00
Total-Others	...	...	...	679.00	...	679.00	670.00	...	670.00	988.00	...	988.00
Grand Total	4006.97	2575.98	6582.95	6888.94	11.74	6900.68	7019.26	13.74	7033.00	10210.35	11.65	10222.00
C. Investment in Public Enterprises												
1. Indian Renewable Energy Development Agency	...	15145.21	15145.21	...	27572.34	27572.34	...	25603.51	25603.51	...	35777.35	35777.35
2. Solar Energy Corporation of India	...	735.38	735.38	...	998.65	998.65	...	1943.96	1943.96	...	2050.80	2050.80
Total	...	15880.59	15880.59	...	28570.99	28570.99	...	27547.47	27547.47	...	37828.15	37828.15

1. **Secretariat:** Provision is for Secretariat expenditure.
2. **Office Buildings:** Provision is for Major Works Construction of Office Building: Atal Akshay Urja Bhawan.
3. **Solar Power (Off-Grid):** Implementation of Phase-III of the off-grid solar PV programme, which covers installation of 3 lakh solar street lights, distribution of 25 lakh solar study lamps and installation of solar power packs of total aggregated capacity of 100 MWp. In addition, under AJAY Phase-II over 3 lakh solar street lights would be installed. Further 20MWeq Projects of Concentrated Solar Thermal (CST) will be undertaken.
6. **Hydro Power (Grid):** Central Financial Assistance for Small Hydro Power project activities related to development of conducive environment and clean energy.
7. **Hydro Power (Off-Grid):** Central Financial Assistance for Small Hydro Power project activities related to development of conducive environment and clean energy.
8. **Green Energy Corridor:** Green Energy Corridor: Provision of Central Financial Assistance will be utilised for capacity addition of Cumulative 6000 ckm transmission infrastructure under intra state Green Energy Corridor Project in 2022-23.

- 9.01. **Bio-Power (Grid):** Central Financial Assistance for Bio Power in 2023-24
- 9.02. **Bio-Power (Off-Grid):** Central Financial Assistance for off-Grid/Distributed Bio Power in 2023-24.
- 9.03. **Biogas Programme (Off-Grid):** To install one lakh bio gas plants for providing alternate cooking fuel solutions.
- 10.03. **Research and Development:** R&D Projects are continuous in nature. Projects in different RE sectors will be undertaken in each year up to 2023-24.
23. **National Institute of Wind Energy:** NIWE carries out research and development in Wind Energy.
24. **National Institute of Bio Energy:** NIBE carries out research and development in Bio Energy.
25. **National Institute of Solar Energy:** NISE carries out research and development in Solar Energy.

29. **International Relations:** Allocation envisages for International cooperation including investment promotion and assistance to international Solar Alliance Building and Secretariat Establishment.
30. **Monitoring and Evaluation:** To Carry out Evaluation and other Studies in Renewable Energy Sector.