

DETAILS OF MAJOR SCHEMES LAUNCHED BY THE MINISTRY OF POWER SINCE 2014

Relevant for: Indian Economy | Topic: Infrastructure: Energy incl. Renewable & Non-renewable

The details of major schemes launched by the Ministry of Power since 2014 are given as under:

1. Integrated Power Development Scheme (IPDS): Ministry of Power, Government of India notified "Integrated Power Development Scheme" (IPDS) on 3rd December'14 for strengthening the power sub-transmission and distribution networks in urban areas. The main objective of the scheme is strengthening of sub-transmission and distribution networks in the urban areas, metering of distribution transformers / feeders / consumers, enterprise Resource Planning (ERP), IT enablement of balance urban towns, Real Time-Data Acquisition System (RT-DAS) projects etc. The sunset timeline for the scheme is March 2022.

As on 25.11.2021, projects worth Rs.30,904 crore have been sanctioned under IPDS. So far, Gol Grant of Rs.16,478 Cr has been released to States/Discoms under IPDS. Distribution system strengthening works in 524 circles have been successfully completed. The targets set and the achievements made under IPDS System strengthening project for major works are tabulated below:

Items (Unit)

Target

Achievement

New Power Sub Station (Nos.)

999

979

HT Lines (cKm)

24,262

23,304

LT Lines (cKm)

10,769

10,378

AB Cable (cKm)

65,029

62,218

UG Cable (cKm)

21,551

20,086

Roof Top Solar Panels (kWp)

46,544

45,641

2. Deendayal Upadhyay Gram Jyoti Yojana (DDUGJY): DDUGJY was launched in December, 2014 for various rural electrification works across the country. As reported by the States, all the inhabited un-electrified census villages stand electrified on 28th April, 2018 well before the stipulated timeline of 1st May, 2018. The sunset of the scheme is on 31.03.2022. The Details of electricity infrastructure created under DDUGJY (including additional infra) in the country, are as below:

(As on 31.10.2021)

Sl. No.

Items

Units

DDUGJY

DDUGJY ADDITIONAL INFRA

Total

(DDUGJY/

Additional Infra

1

Sub-stations (including augmentation)

Nos.

3,980

227

4,207

2

Distribution Transformers

Nos.

3,91,024

2,17,816

6,08,840

3

Feeder Segregation

CKMs

1,22,123

0

1,22,123

4

11 kV lines

CKMs

1,15,996

66,272

1,82,268

5

LT lines

CKMs

2,88,339

1,93,606

4,81,945

6

33 kV & 66 kV lines

CKMs

22,669

20

22,689

7

Consumer Energy Meters

Nos.

1,51,97,187

-

1,51,97,187

8

Distribution Transformers Meters

Nos.

2,59,472

-

2,59,472

9

11 kV Feeder Meters

Nos.

13,502

-

13,502

3. Pradhan Mantri Sahaj Bijli Har Ghar Yojana – (Saubhagya): Saubhagya was launched in October, 2017 with the objective to achieve universal household electrification for providing electricity connections to all un-electrified households in rural areas and all poor households in urban areas in the country. Under Saubhagya scheme, as on 31.03.2021 all the States have reported 100% electrification of all the willing un-electrified households, identified before 31.03.2019. As reported by the States, 2.817 crore households have been electrified since launch of Saubhagya, up to 31.03.2021.

4. Ujwal Discom Assurance Yojana (UDAY) - UDAY is a scheme for financial turnaround of Power Distribution Companies (DISCOMs) launched in November, 2015

with an objective to improve the operational & financial efficiency of the State Power Distribution Companies (DISCOMs). The scheme had two outcome parameters. The targeted outcome parameter and achievement as reported by State Power Distribution Utilities is as below:

Parameters

Targets

Achievements

Aggregate Technical & Commercial (AT&C) Losses

15%

Reduction in AT&C losses from 23.70% in FY 16 to 20.93% in FY 20 and

Average Cost of Supply (ACS) - Average Revenue Realised (ARR) gap

Zero by March 2019

Reduction of ACS - ARR gap from Re.0.48 per kWh in FY 16 to Re.0.30 per kWh in FY 20.

5. Revamped Distribution Sector Scheme (RDSS)- The Cabinet Committee on Economic Affairs in its meeting held on 30-06-2021 approved the Revamped Distribution Sector Scheme- A Reforms-based and Results-linked Scheme with an outlay of Rs.3,03 ,758 crore and a Gross Budgetary Support of Rs.97,631 crore from Government of India over a period of five years from FY 2021-22 to FY 2025-26. The scheme aims to reduce the AT&C losses to pan-India levels of 12-15% and ACS-ARR Gap to zero by 2024-25. The Guidelines of the Scheme have been issued in the month of July, 2021.

6. 'North Eastern Region Power System Improvement Project (NERPSIP) for Six (6) States (Assam, Manipur, Meghalaya, Mizoram, Tripura and Nagaland) for strengthening of the Intra-State Transmission and Distribution Systems (33kV and above)' was approved by Government of India in December 2014 at an estimated cost of Rs. 5111.33 crore with estimated completion time of December 2018. The cost was subsequently revised to Rs.6700 cr with revised completion time of December 2021. The scheme is funded by Government of India with 50% of project cost funded by loan from World Bank. The project is implemented by POWERGRID.

Against sanctioned 444 transmission elements, 312 elements have been completed upto October, 2021. Cumulatively, Ministry of Power has released Rs.3361.33 crore under the Scheme upto October, 2021. The scheme is targeted for completion progressively by December 2021.

Overall progress as on 31.10.2021 is mentioned below:

Physical Progress: 68 %

Financial Progress: 63.7 % (w.r.t. original approved cost); 48.6 % w.r.t. Revised cost estimate.

7. 'Comprehensive Scheme for Strengthening of Transmission & Distribution Systems in Arunachal Pradesh and Sikkim' was approved by Government of India in October 2014 at an estimated cost of Rs. 4754.42 crore with estimated completion time of December 2018. The cost has been subsequently revised to Rs.9129.32 crore, with completion time of December 2021 for awarded scope of work (204 elements) and March 2024 for then un-awarded packages (88 elements). The project is entirely funded by Government of India. The project is implemented by POWERGRID.

Out of 292 sanctioned elements (204 awarded and 88 awarded later both), 64 elements have been completed upto October, 2021. Cumulatively, Ministry of Power has released Rs.2964.24 crore to POWERGRID upto October, 2021.

Overall progress as on 31.10.2021 is mentioned below:

Physical Progress: 44 %

Financial Progress: 59.6 % (w.r.t. original approved cost); 31% w.r.t. Revised cost estimate.

8. Renewable Energy Management Centre (REMC) : Ministry of Power vide order dated 11.09.2017 had approved Establishment of 11 Nos. of Renewable Energy Management Centre (REMCs) in Renewable Energy rich States (viz. NLDC in Delhi, Southern Region (Tamil Nadu, Andhra Pradesh, Karnataka, SLDCs & SRLDC), Western Region (Gujarat, Maharashtra, Madhya Pradesh SLDCs & WRLDC), Northern Region (Rajasthan, SLDCs and NRLDC). All these approved REMCs have been established.

Further, the Ministry vide order dated 16.12.2019 also approved establishment of one REMC at Telangana and one Energy Management Centre (EMC) at South Andaman. The EMC at South Andaman has been commissioned in July, 2021. REMC at Telangana is targeted for commissioning by December, 2021.

9. Unnat Jyoti by Affordable LEDs for All (UJALA): Hon'ble Prime Minister, on 5th January, 2015 launched UJALA programme to provide LED bulbs to domestic consumers for replacement of incandescent bulbs with LED bulbs at an affordable price. EESL's Unnat Jyoti by Affordable LEDs for All (UJALA) is the world's largest lighting replacement programme. As on date, over 36.78 crore LED bulbs, 71 lakh LED Tube lights and 23 lakh energy efficient fans have been distributed by EESL across India. This has resulted in estimated energy savings of 47.07 billion kWh per year with avoided peak demand of 9,570 MW and GHG emission reduction of 39 million t CO₂ per year.

10. Street Lighting National Programme (SLNP): Hon'ble Prime Minister launched SLNP programme on 5th January, 2015 to replace conventional street lights with smart and energy efficient LED street lights. As on date, over 1.2 crore LED Street lights have been installed by EESL across India. This has resulted in estimated energy savings of 8.24 billion kWh per year with avoided peak demand of 1,374 MW and estimated GHG emission reduction of 5.68 million t CO₂ per year.

11. Gram Ujala: Gram Ujala program launched on 19th March, 2021 wherein old type of

bulbs are replaced by efficient LED bulbs that consumes 88% less electricity. As on date, Convergence Energy Services Limited (CESL) has distributed over 33 lakh LED bulbs under this program. This has resulted in estimated energy saving of 467 million kWh per annum.

This information was given by Union Minister for Power and New and Renewable Energy, Shri R.K.Singh in a written reply in Rajya Sabha today.

MV/IG/SV

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