

**1. Strengthening of Power Systems (CS)**

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
1,454.95	<b>a. Strengthening of Transmission System in the States of Arunachal Pradesh and Sikkim</b>					
	1. Awarding of packages and their implementation	1.1.No of packages awarded	7	1. Improved power transmission capacity in the region	1.1. Increase in power transmission in the region (MVA)	844.8
		1.2. Percentage cumulative progress on the packages awarded (as per DPR cost)	75			
	<b>b. Power System Improvement in North Eastern States excluding Arunachal Pradesh and Sikkim - NERPSIP</b>					
	1. Awarding of packages and their implementation	1.1. Percentage cumulative progress on the packages awarded (as per revised cost)	78	1. Improved Power transmission capacity in the region	1.1. Increase in power transmission in the region (MVA)	3789.5
	<b>a. Smart Grid</b>					
	1. Smart Grid Readiness - Self Assessment Tool	1.1. Number of utilities assessed for smart grid readiness	10	1. Improved coverage of smart meters and advanced metering	1.1. Billing efficiency in smart Meters covered consumers	97%
2. Award of smart grid projects	2.1. Number of projects given Letter of Award	1				

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	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
	3. Deployment of smart metering	3.1. Number of smart meters installed under NSGM sanctions	100000	infrastructure (AMI)		
	4. Trained professionals in smart grid deployment	4.1. No. of training programs and workshops conducted	150			
	<b>b. Green Energy Corridor (GEC)</b>					
	1. Construction of Green Energy Corridors	1.1. Number of Renewable Energy Management Centre (REMC) established in the financial year <sup>1</sup>	1	1. Improved management and evacuation of renewable energy	1.1. Percentage RE capacity monitored in REMC against total installed capacity of RE	100
					1.2 Average Capacity Utilization Factor (CUF) of the renewable energy generating plants connected with the REMC/GEC (%) <sup>2</sup>	Targets not amenable

<sup>1</sup> Establishment of REMC in Uttar Pradesh is under consideration in the Ministry.

<sup>2</sup> Renewable energy management centre under Green Energy Corridor is the first of its kind infrastructure project set up in the country and there was no baseline data available. Therefore, the target could not be fixed.

## 2. Power System Development Fund (PSDF) (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
574.16	1. Enhanced execution of projects to bring improvement in grid safety and operation	1.1. Total length of transmission line renovated and modernized (CKMs)	76	1. Improvement in grid safety and operation	1.1. Increase in power transmission capacity (MVA)	0 <sup>3</sup>
		1.2. Addition in reactive power capacity available to control voltage profile (MVAR)	302			1.2. Total number of substations rectified for discrepancies
		1.3. Number of substations renovated and upgraded	151			
		1.4. Number of Special Energy Meters (SEM) and Phaser Measurement Units (PMUs) installed	136			
		1.5. Amount of fund utilized on approved projects (Crore)	120.54			
		1.6. Payment of interest towards EBR raised.	452.62			

<sup>3</sup> Project execution will take time of more than a year to generate increase in transmission capacity

### 3. Energy Conservation Schemes (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
197.82	<b>c. Energy Conservation Schemes: Awareness Component</b>					
	1. Awareness activities on energy conservation	1.1.No. of energy conservation awareness/training programmes conducted	100	1. Energy savings (Electricity)	1.1.Total units of energy saved due to energy conservation awareness (BU)	80
		1.2. No. of participants reached through energy conservation awareness programme (including school children) (Crore)	1.15			
	2. Adoption of Energy Conservation Building Code (ECBC)	2.1. Number of ULBs in State/UTs incorporated Energy Conservation Building Code (ECBC) in Municipal bye-laws	100			
	<b>d. Energy Conservation Schemes: National Mission for Enhanced Energy Efficiency (NMEEE)</b>					
	1. Workshops and certification under Perform, Achieve and Trade (PAT)	1.1.Number of workshops for capacity building of stakeholders	20	1. Energy savings (Fossil Fuel)	1.1.Total units of energy saved due to energy efficiency (Million Tonne Oil Equivalent)	12
		1.2. Inclusion of Designated Consumers under PAT cycle VII (numbers)	100			
		1.3. Number of Energy Managers/ Energy Auditors certified	500			

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<b>2021-22</b>	<b>Output</b>	<b>Indicators</b>	<b>Targets 2021-22</b>	<b>Outcome</b>	<b>Indicators</b>	<b>Targets 2021-22</b>
	2. Identification of energy efficient technologies	2.1. Number of new technologies identified and deployed through demonstration	10			
	3. Promoting Energy efficiency financing Schemes	3.1. Capacity building of stakeholders including Energy Service Companies (ESCOs), Banks, Industries etc. (Numbers) <sup>4</sup>	200			

#### 4. Revamped Distribution Sector Scheme

<b>FINANCIAL OUTLAY (Rs in Cr)</b>	<b>OUTPUTS 2021-22</b>			<b>OUTCOMES 2021-22</b>		
<b>2021-22</b>	<b>Output</b>	<b>Indicators</b>	<b>Target 2021-22</b>	<b>Outcome</b>	<b>Indicators</b>	<b>Targets 2021-22</b>
0.01 <sup>5</sup>	1. Performance measures for DISCOMs	1.1. No. of Discoms with action plan prepared and approved <sup>6</sup>	75%	1. Reduction in AT&C losses	1.1. Increase in number of towns where AT&C loss improved over base level of 15%	5%
	2. End-to-end metering solutions	2.1. Total number of 11 kV feeders and Distribution Transformer in	1500	2. Improved power	2.1. Annual average monthly outage hours	05:30 Hrs

<sup>4</sup> 100 Bank, 50 ESCO officials, 50 Industry partners

<sup>5</sup> 1 lakh amount is the token amount, as the scheme is due for CCEA approval.

<sup>6</sup> As per the construct of the scheme in FY21-22, wherein DISCOMs would prepare detailed action plans on the basis of financial statements of FY 20 (which would be available only after September, 2021)

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<b>2021-22</b>	<b>Output</b>	<b>Indicators</b>	<b>Target 2021-22</b>	<b>Outcome</b>	<b>Indicators</b>	<b>Targets 2021-22</b>
	in urban areas, improved sub-transmission and distribution infrastructure	urban areas covered with meter installation		reliability	on monitored urban feeders (hours/ month )	
		2.1. Number of consumer meters installed	70000		2.2. Annual average monthly outage hours on monitored rural feeders (hours/ month)	60 Hrs
		2.2. HT line added (Circuit Kms)	750			
		2.3. Distribution transformer capacity added (MVA)	250			
	3. Award of IPDS projects & completion of projects	3.1. Completion of IPDS circles (cumulative)	530			
	4. Go live of towns	4.1. Number of go live towns under IT phase-II (cumulative)	1100			
	5. Feeder separation of agriculture and domestic power supply	5.1. HT line feeder separation including new 11 KV lines installed (Circuit Kms)	1933			
	6. Strengthening and augmentation of sub-transmission and distribution infrastructure in rural areas	6.1. No. of sub-stations commissioned (New & Augmentation)	40			
		6.2. No. of distribution transformers commissioned	4000			
		6.3. Construction of new 11 KV lines (Circuit Kms)	1000			
		6.4. Construction of LT lines (Circuit Kms)	1000			
	7. Monitoring of energy data	7.1. Cumulative number of rural feeders being monitored	1,25,000			

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<b>2021-22</b>	<b>Output</b>	<b>Indicators</b>	<b>Target 2021-22</b>	<b>Outcome</b>	<b>Indicators</b>	<b>Targets 2021-22</b>
	through National Power Portal	through National Power Portal				
		7.2. Additional number of urban feeders monitoring through National Power Portal (IPDS/RAPDRP)	750			