

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 4683**  
ANSWERED ON 31.03.2022

**INTRA STATE TRANSMISSION SCHEME**

4683. DR. KALANIDHI VEERASWAMY

Will the Minister of New & Renewable Energy be pleased to state:

- (a) the features of Intra-State Transmission Scheme;
- (b) the quantum of funds sanctioned, allocated and utilized under the said scheme during the last three years and the current year, State-wise;
- (c) the details of the target set and achievements made thereunder during the said period;
- (d) whether the Government has approved the second phase of the Green Energy Corridor of the Intra-State Transmission Scheme and if so, the details thereof;
- (e) whether the Government has included Tamil Nadu under the second phase of the said scheme;
- (f) if so, the details thereof; and
- (g) the details of the estimated funds along with the target set thereunder?

**ANSWER**

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

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

(a) The Green Energy Corridor (GEC) - Intra-State Transmission System, Phase-I scheme is for setting up of approx. 9700 circuit kilometres (ckm) of transmission lines and 22600 Mega Volt-Amperes (MVA) capacity of substations for evacuation of approx. 24 GW of Renewable Energy (RE) power in eight States, namely Andhra Pradesh, Gujarat, Himachal Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan and Tamil Nadu. Under the scheme, the Government provides 40% of project cost as Central Financial Assistance (CFA).

On 06.01.2022, the Green Energy Corridor - Intra-State Transmission System, Phase-II has been approved for setting up of approx. 10750 circuit kilometres (ckm) of transmission lines and 27500 Mega Volt-Amperes (MVA) capacity of substations for evacuation of approx. 20 GW of Renewable Energy (RE) power in 7 States, namely Gujarat, Himachal Pradesh, Karnataka, Kerala, Rajasthan, Tamil Nadu and Uttar Pradesh. Under the scheme, the Government will provide 33% of project cost as Central Financial Assistance (CFA).

(b) The total Central Financial Assistance (CFA) sanctioned under the GEC- Phase I scheme is Rs. 4056.67 crore. The year-wise financial allocation and releases made under the scheme during the last three years and the current year, i.e. from FY 2018-19 to FY 2021-22 (up to 28.03.2022) are as under:

<b>Financial Year</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
Allocation (Revised Estimates) in Rs. crore	500	52.61	160	150

Fund released in Rs. crore	500	52.61	159.53	132.42
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Further, the state-wise and year-wise details of the amount released to the States from FY 2018-19 to FY 2021-22 (up to 28.03.2022) is as under:

State	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Tamil Nadu	50.543	--	--	59.26
Rajasthan	--	--	5.534	--
Andhra Pradesh	47.084	24.340	23.527	--
Himachal Pradesh	51.467	22.1584	48.5436	--
Gujarat	175.850	--	24.570	--
Karnataka	67.858	--	57.354	--
Madhya Pradesh	71.632	--	--	73.15
Maharashtra	35.566	6.112	--	--
<b>Total</b>	<b>500</b>	<b>52.61</b>	<b>159.53</b>	<b>132.42</b>

The total Central Financial Assistance (CFA) sanctioned under the GEC- Phase II scheme is Rs 3,970.34 crore. However, no releases have been made so far.

(c) The year-wise cumulative target and achievement made under GEC – Phase I scheme during last three years and the current year, i.e. from FY 2018-19 to FY 2021-22 (up to 28.02.2022) are as under:

Financial Year	Transmission Lines (cumulative) (ckm)		Substation Capacity (cumulative) (MVA)	
	Target	Achievement	Target	Achievement
2018-19	3000	3500	4500	4757
2019-20	6000	6400	6800	6812
2020-21	8000	7965	15000	12638
2021-22	9000	8559	20000	16371

(d) As mentioned in part (a) above.

(e) to (g)

Yes sir. The scheme includes Tamil Nadu having target of 624 ckm of transmission lines and 2200 MVA of substations to be completed by March 2026 for evacuation of approx. 4 GW of RE power. The project cost for Tamil Nadu is Rs. 719.76 crore with CFA @ 33% of the project cost i.e. Rs 237.52 crore.

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