

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 344
ANSWERED ON 03.02.2022

SOFT LOANS FOR SOLAR ENERGY

+344. SHRI RAMCHARAN BOHRA

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the quantum of solar energy being generated in the country at present and the cost price of each unit, State-wise;
- (b) the details of solar energy to be generated at the end of 2021-22; and
- (c) the efforts being made by the Government to provide soft loans for generation of solar energy?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) The solar energy generated in the country from the period April'2021- December'2021 was 51250.34 Million Units(MU).

The cost price per unit of solar energy purchased by DISOMs of various States from Renewable Energy Implementing Agencies is as given at **Annexure**.

(b) Based on actual generation of solar energy from April 2021 to December 2021, the estimated solar energy to be generated by the end of FY2021-22 will be around 68334 MU.

(c) The Government in consultation with various financing agencies including bilateral & multilateral agencies is making efforts for easy financing of RE projects. These includes:

- i) The World Bank through Indian Renewable Energy Development Agency Limited (IREDA) is providing a loan facility at concessional rates for development of Solar Parks.
- ii) Concessional loans from World Bank and Asian Development Bank through State Bank of India and Punjab National Bank respectively, for disbursal of loans to industrial and commercial sectors.
- iii) Soft loan from KfW Germany for development of Green Energy Corridors for evacuation of renewable power.
- iv) The Reserve Bank of India has included rooftop solar systems & components of PM-KUSUM Scheme under priority sector lending.

Annexure

Cost price per unit of solar energy purchased by DISOMs of various States during last 3 years

State	DISCOM	Capacity (MW)	Tariff (Rs./kWh)
PPA/PSA signed by SECI			
Andhra Pradesh	APPCC	7000	2.49
Bihar	BSPHCL	150	2.51
	BSPHCL	300	2.62
	BSPHCL	150	2.6
	BSPHCL	330	2.72
Chhattisgarh	CSPDCL	300	2.61
Delhi	BRPL	100	2.65
	BRPL	250	2.67
	BYPL	50	2.67
	BYPL	100	2.68
	TPDDL	200	2.68
	BRPL	210	2.44
	BYPL	90	2.44
Haryana	HPPC	400	2.51
	HPPC	250	2.61
Madhya Pradesh	MPPMCL	900	2.61
Odisha	GRIDCO	200	2.655
	GRIDCO	500	2.61
Puducherry	Electricity Department, Puducherry	50	2.51
Rajasthan	RUVNL	640	2.55
	RUVNL	110	2.56
	RUVNL	680	2.57
	RUVNL	600	2.07
	RUVNL	470	2.08
Telangana	TSPCC	400	2.78
Tamil Nadu	TANGEDCO	500	2.78
	TANGEDCO	1000	2.61
Uttar Pradesh	UPPCL	150	3.36
Uttarakhand	UPCL	100	2.44
PPA/PSA signed by NTPC			
Bihar	Bihar DISCOMs	300	2.60
Madhya Pradesh	MPPMCL	200	2.63
Puducherry	PED	100	2.63
Chhattisgarh	CSPDCL	190	2.25
Uttar Pradesh	UPPCL	140	3.17

State	DISCOM	Capacity (MW)	Tariff (Rs./kWh)
	UPPCL	85	3.02
	UPPCL	20	3.06
	UPPCL	20	3.02
	UPPCL	20	3.02
Telangana	Telangana DISCOMS	150	2.86
	Telangana DISCOMS	300	2.86
	Telangana DISCOMS	230	2.69
	Telangana DISCOMS	139	2.86
	Telangana DISCOMS	161	2.86
	Telangana DISCOMs	250	2.86
	Telangana DISCOMs	296	2.86
	Telangana DISCOMs	90	2.74
	Telangana DISCOMs	20	2.69
	Telangana DISCOMs	56	2.69
	Telangana DISCOMs	735	2.45
Kerala	KSEBL	90	2.97
PPA/PSA signed by NHPC			
Chhattisgarh	CSPDCL	400	2.55
Jammu & Kashmir	JKPCL	20	2.56
	JKPCL	600	2.55
Madhya Pradesh	MPPMCL	300	2.55
	MPPMCL	380	2.55
	MPPC	320	2.55
Punjab	PSPCL	300	2.56