

IA No:168 of 2020. Subject to the decision of the Hon'ble ATE in the matter, the Commission allows the tariff for any surplus energy injected as determined by the Commission, in this order.

e) The Commission approves the Timelines for various activities involved in implementation of SRTPV projects, as detailed below:

Activity	Responsibility	Timeline
Submission of Application	Consumer	Zero Date
Acknowledgment of Application by distribution licensee (ESCOM)	ESCOM	Within 03 (three) working days from zero date
Site Verification / Technical Feasibility & issuance of Letter of Approval / Rejection of application.	ESCOM	Within 10 (ten) working days from the date of acknowledging the application
Execution of PPA (including countersignature by the controlling officer for less than 500 kW SRTPV projects)	ESCOM & Consumer	Within 5 (five) working days from the date of issuance of Letter of Approval
Submission for approval of the PPA for the Commission( For more than 500kW)	ESCOM	Within 07 (Seven) working days from the date of execution of PPA
Submission of Work Completion Report by the Consumer	Consumer	150 ( one hundred and fifty) days from the date of execution of PPA.
Inspection by ESCOM officials for commissioning the project, after receipt of work completion report from the consumer.	ESCOM	Within 5 (five) working days from the receipt of work completion report.
Commissioning of Rooftop Solar System	Consumer/ ESCOM	Within six months from the date of approval or deemed approval of PPA .
Billing Process	ESCOM	30 days from the date of commissioning of the Solar plant.

xv) With the above parameters considered, the applicable tariff works out as follows:

(a) kW scale SRTPV projects (1kW to 2000kW and 1kW to 10kW):

Parameters for Kilowatt scale		
Cost/kW- in Rs.	1kW to 10kW – Rs. 46,500 per kW as base	1kW to 2000kW- Rs 35,046 per kW as base
Useful life of the plant in years	25	25
Debt: Equity Ratio	70:30	70:30
Debt- in Rs.	32,550	24,532
Interest Rate on Debt-%	9.30	9.30
Debt Repayment in Yrs.	13	13
CUF in %	19	19
Equity- in Rs.	13,950	10,514
ROE-%	14	14
Auxiliary consumption	0	0
O & M expenses in Rs. /kW	670	670
O & M Escalation p.a. (%)	5.72	5.72
WC interest (one month's receivables) in %	10	10
Depreciation in %	5.38% p.a for first 13 years and remaining depreciation spread equally over balance years of the plant useful life.	5.38% p.a for first 13 years and remaining depreciation spread equally over balance years of the plant useful life.

(b) MW scale Solar Power Projects (Ground mounted)

Parameters for Megawatt scale solar projects	
Cost/MW- Rs. Lakhs	350.46
Useful life of the plant in years	25
Debt: Equity Ratio	70:30
Debt-Rs. Lakhs	245.32
Interest Rate on Debt-%	9.30
Debt Repayment in Yrs.	13
CUF	19
Equity- Rs. lakhs	105.14
ROE-%	14%
Auxiliary consumption	0.25
O & M expenses in Rs. Lakhs/MW	5.03
O & M Escalation p.a. (%)	5.72
WC interest (two months' receivables)	10%
Depreciation in %	5.798% p.a for first 13 years and remaining depreciation spread equally over balance years of the plant useful life.

*Caesar*

For the forgoing reasons, we pass the following:

**ORDER**

- (i) The Commission hereby determines the generic tariff as follows:
- For grid connected megawatt scale solar power projects of less than 5 MW capacity at Rs.3.10 per unit;
  - For grid connected solar Rooftop Photovoltaic projects of 1 kW to 2000kW (excluding 1 kW to 10 kW) at Rs.3.19 per unit and
  - For grid connected Solar Rooftop photovoltaic projects of 1 kW to 10 kW for domestic consumers at Rs.4.02 per unit (without capital subsidy) and at Rs.2.67 per unit (with capital subsidy).
- (ii) The above tariff shall be applicable to all such new solar [power projects for which PPAs are entered into on or after 01.04.2021.
- (iii) The tenure of the PPA, shall be for the life of the solar power projects i.e., twenty-five (25) years;
- (iv) All the other issues not covered under this order, shall be governed by the respective Regulations and Orders issued by the Commission and PPAs/ other Agreements executed with the parties; and
- (v) This Order shall be in force effect from 1<sup>st</sup> of April, 2021 and applicable to the control period FY 22 & FY 23.

This Order is signed and issued by the Karnataka Electricity Regulatory Commission on this 18<sup>th</sup> day of August, 2021.

  
(SHAMBHU DAYAL MEENA)  
CHAIRMAN

18/8/2021

  
(H.M.MANJUNATHA)  
MEMBER

18/8/2021

  
(M.D.RAVI)  
MEMBER

18/8/2021

List of stakeholders who have submitted their writtenComments/Suggestions within 08.03.2021

Sl. No.	List of stakeholders who have submitted their written Comments/Suggestions within 08.03.2021
1	Bangalore Apartments Federation
2	Eco Soch
3	BESCOM
4	Powergate energy(Mysore)Pvt. Ltd.
5	Amp Energy India Private Limited
6	KREA
7	Tata Power Solar
8	Emmvee Photovoltaic Power Private Limited
9	Federation of Karnataka Chambers of Commerce & Industry
10	Trinity Complex Apartment Owners Association
11	White House Association
12	Prestige Fersns Residency Apartment Owner's Association
13	Samhita Castle Apartment Owners Welfare Association
14	Sri Mitra Spring Valley Apartment Owners Association
15	Sai Nandana Gardenia Apartment Owners Association
16	Temple Bells Premier
17	RAOA-Raindrops Apartment Owners Associations
18	KPTCL
19	BESCOM (DSM Section)
20	KREDL
21	Balark Solar Private Limited
22	PCKL
23	Shogeo Power Technique Private Limited
24	Umakanth

*Clearance*  
18/8/2021

**List of persons participated in Public Hearing on 04.08.2021:**

Sl. No.	Name of the participants	Name of the Firm/Company
1	Sri. Ramesh Shivanna	Chairman, Energy Committee, FKCCI
2	Sri. K.L.H. Raya	Secretary, KRESMA
3	Sri. Raghunandan S.S.	Karnataka Renewable Energy Association
4	Sri. C.S.Gopinath	GTSS Infrastructure
5	Sri. Sunil Mysore	Hinren Engineering, Bengaluru
6	Sri. Kesari	Power Gate Energy, Mysore
7	Sri. V.Shankar	Bangalore Apartment Federation
8	Sri. Aravind	Managing Director, Inergia Solar Pvt. Ltd.
9	Sri. Krishnakumar Shetty	Prasiddi Solar Pvt. Ltd.,Bangalore
10	Sri. Nithyananda	ORB Energy Pvt. Ltd.,
11	Sri. Shesha Prasanna	ESPEE Solar Pvt. Ltd, Bangalore
12	Sri. Ravindranath Hegde	Energy Empire, Hosapete
13	Sri. Uma Shankar	Bangalore
14	Sri. John D.	Ecosoch Solar Pvt. Ltd.,
15	Sri. George Kutty,	Shogeo Power Pvt. Ltd.,
16	Sri. Ekambharam	Green Energy Pvt. Ltd.,
17	Sri. Dinesh	PRDCL, Bangalore
18	Sri. Krishna Revankar	Balark Solar Pvt. Ltd., Bangalore
19	Sri. Giridhar,.	EMVEE Solar
20	Sri. Satish Malya	Centpry Saris
21	Sri. Girish,	Consumer
22	Sri. Adharsh,.	Product Supplier
23	Sri. Naveen BM,	U-Solar Clean Energy Solutions Pvt. Ltd.

**The list of persons who attended the Public Hearing on 04.08.2021**

Sl. Nos	Names of the Participants	Name of the Firm/Company
1	Ramesh Shivanna, Chairman,	FKCCI
2	KLH Raya, Secretary,	KRESMA
3	Shashi Kiran	Arushi Green Energy
4	Raghu Nandan	KREA
5	Gopinath	GTSS, Infrastructure Pvt, Ltd.,
6	T.K.,Mohan	Solar-Tech System Pvt. Ltd.,
7	Anthony Geroge	Mya Solar Systems Pvt.Ltd
8	Sunil Mysuru	Hinren Engeneering
9	Harish	Chartered Accountant
10	Krishnappa V, MD	PCKL,
11	Nagarajaiah	BESCOM
12	Kesari	Powergate Energy Mysore Pvt.Ltd
13	Abhishek	Powergate Energy Mysore Pvt.Ltd
14	Vikram	Bangalore Apartment Federation
15	Shankar	Bangalore Apartment Federation
16	Srinivas G V	Renewable Energy Applications & Products
17	Nataraj G	Tapan Business Solutions
18	K S Prasanna	PCKL

19	Raghu P	Ample Energy India Pvt.Ltd
20	B R Manjunath	KPTCL
21	Anil	KPTCL
22	Rajeshwari	BESCOM
23	Sudha B R	BESCOM
24	Naveen B M	U Solar
25	KrishnakumarShetty	Prasiddi Solar Pvt.Ltd
26	Nityananda	ORB Energy
27	Muddu Krishna	Prasiddi Solar Pvt.Ltd
28	Rajashekar	Sun Amps Energy Pvt Ltd
29	Shesha Prasanna	EsPee Solar Pvt.Ltd
30	Venkatesh	DigiStar Energy Pvt Ltd
31	Prashanth	Tata Power Pvt Ltd
32	Tabish	Tata Power Pvt Ltd
33	Ravindranath Hegde	Kudlgi Energy Empire, Hospet
34	B Srinivas	Sri Shashwath Renewable Energy
35	Mahesh	Cassine Renewable Pvt. Energy
36	Raj	Saathivik Green Pvt Ltd
37	Naeen D R	Involute Engeneering Services
38	Hithesh	Arlan Energies
39	M Umesh	Instant Ventures Pvt Ltd
40	M Prabhakar	Mahindra System
41	Milind Goshi	Waaree Energy
42	Rathnakar Shastri	Avi solar Tech, Banglore
43	Uma Shankar	Girinagar
44	John D	Ecosoch Solar Pvt Ltd
45	George Kutty	Shogeo Power Technique Pvt Ltd
46	Ekambaram	Grrn Energy
47	Yogesh	Enerpare Energy
48	Rajashekar	Enerpare Energy
49	Dinesh	PRDC
50	Venkatesh Prasad	Alectrona Energy
51	Satish Malya	Centpury Saris
52	Vinay	Clean Max Solar
53	Vasu	Clean max Solar
54	Manjunath	Prompt Solar
55	Manish Asija	Enposibilitities Pvt Ltd
56	Mohan Murali	Balark Solar
57	Krishna Ravindra	Balark Solar Bangalore
58	Dhwani	U Solar
59	Harish	Win Sol Energy
60	R.Mallesh	Green Power Solution
61	Channamariyappa	Sampoorna Farms
62	Deepak	Sampoorna Farms
63	Nagarjun	Waaree Energies
64	Nikil	Nithyashree Solar
65	Sitaram Kemmannu	Wind Project, Hospet
66	Mallanagouda	Wind Project, Hospet
67	Nagaraj Rao	Tumkur
68	Giridhar	Emvee Solar