

**SOLAR TARIFF**

Description	CERC	Arunachal Pradesh	Assam	Bihar	Chhattisgarh	Delhi	Gujarat*	Haryana	Himachal Pradesh*	J & K	Jharkhand	Karnataka*	Kerala	Madhya Pradesh
<b>Regulation</b>	2017	2018	2017	2017	(draft)2017	2013	Order No.-3 of 2015	2010	2018	2013	2015	2018	2015	2017
<b>Dated</b>	17.04.2017	21.05.2018	04.09.2018	24.10.2017	4.7.2017	8.1.2013		03.02.2011	25.07.2018	17.05.2013	20.01.2016	18.05.2018	11.11.2015	06.07.2017
<b>Last Amendment</b>	na	na	na	na		na	na	5.10.2016	na	20.04.2016	na	na	02.10.2017	na
<b>Tariff Period (Yrs)</b>					13(COD after April 2012) 5(COD before April 2012)									
Solar PV	25	25	25	25		25		25	25	25	25	25	25	25
solar Thermal	25		25	25				25	25	25	25			25
<b>Control Period (Yrs.)</b>	3	3	3	3	3	3				5	4		5	5
First Control Period(yrs)								3(from 2011-12)						
Second Control Period(yrs)								4(from 2013-14)						
<b>w.e.f.</b>	2017-18	2018-19	2017-18	2017-18	2017-18	2012-13	2015		2018	2013-14	2016-17	2018	2012-13	2017-18
<b>Debt Equity Ratio</b>	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30	70:30
<b>Loan Tenure(Yrs)</b>	13	13	13	10	13	12	10	10	13	12	12	13	12	10
<b>Interest rate on loan capital (SBI basis points)</b>	200	200	200	200	200	300	12.70%(Annually)	det. by comm.	9.99%	300	300		12.76%	det. by comm.
<b>Depreciation</b>														
(i)For Starting Years	5.28%(13yrs)	5.28%(13yrs)	5.28(13yrs)	7%(10yrs)	5.28%(13yrs)	5.83%(12yrs)	6%(10yrs)	7% (10yrs)	5.28% (13yrs)	5.83%(12yrs)	5.83%(12yrs)	5.38%(13yrs)	5.83%(12yrs)	7% (10 yrs)
(ii)For Remaining Years							2%(15yrs)		1.78%(14-25yrs)				1.54%	
Salvage Value(%)	10%	10%	10%	10%	10%	10%				10%	10%			
Max Depreciation (% of capital cost)	90%	na	90%	90%	90%	90%		90%		90%	90%			
<b>Return on Equity</b>														
Value base of Cap. Cost	30%	30%	30%	30%	30%	30%		30%		30%	30%			
% normative ROE	14%	14%	14%	14%	14%		14%	16%	17%			14%		20%
For 10 yrs						20%				18%	20%		20%	
After 10 yrs						24%				22%	24%		24%	
<b>Interest rate on working capital (SBI basis points)</b>	300	300	300	300	300	350	11.85%(Annually)	300	10.99%	350	350	11%(2-months' receivables)	13.26%	det. by comm.
<b>Finanacial Parametres</b>														
<b>Capital Cost (Rs. Lakh/MW)</b>														
Solar PV	det. by comm.	prevailing market info	det. by comm.	442.18	det. by comm.	1000	615	705 (Solar Crystalline), 681(thin film & rooftop), 800 (Canal top)	432.4(upto 1MW), 426(for 1-5MW)	1000	605.85	350	530.02	530
Solar Thermal	det. by comm.		det. by comm.	1200	det. by comm.		1200	1200		1300	1200			1200
<b>O&amp;M Expenses (Rs Lakh/MW)</b>												4.5		
Solar PV	prevailing market info	det. by comm.	prevailing market info	7.4	prevailing market info	11	10.9	9	7.82(for both 1MW & 1-25MW),	11	11.88		7	7
Canal Bank Solar PV														
Canal top Solar PV														
solar Thermal	prevailing market info		prevailing market info	19.81	prevailing market info		1.5% of C.C.	13		15	17.16			1 % of C.C.
<b>Escalation (%) p.a</b>	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%
<b>Normative Parameters</b>														
<b>PLF/CUF(%)</b>														
Solar PV	19%	19%	19%	19%	19%	19%	19%	19%(Solar PV), 20% (Solar Canal)	19%	19%	19%	19%	19%	19%
Solar Thermal	23%		23%	23%	23%		23%	23%		23%	23%			23%
<b>Auxiliary Consumption (%)</b>														
Solar PV	0.25%	0.25%	0.25%	0.25%	0.25%		0.25%					0.25%		0.25%
Solar Thermal	10%		10%	10%	10%		10%	10%		10%	10%			6.50%
<b>Useful Life (Yrs)</b>	25	25	25	25	25	25	25	25	25	25	25	25	25	25
<b>Rebate</b>														
<b>Through LoC (%)</b>	2%	2%	2%	2%	2%	2%		2%		2%				
<b>Other than LoC within one month (%)</b>	1%	1%	1%	1%	1%	1%		1%		1%				
<b>Late Payment Surcharge(%) Beyond 60 days</b>	1.25%	1.25%	1.25% (beyond 30 days)	1.25%	1.25%	1.25%		1.25%		1.25%				

Remark: '\* ' Notified Tariff Order