

SMALL HYDRO

Description	CERC	Arunachal Pradesh	Assam	Chhattisgarh	Gujarat*	Himachal Pradesh	Haryana	J & K	Karnataka*	Kerala	Madhya Pradesh	Maharashtra*	Manipur	Meghalaya	Mizoram	Nagaland	Sikkim	Tripura	Uttarakhand	JERC(For Goa & Union Territories)	Uttar Pradesh	
Regulation	2017	2018	2017	(draft)2017	Order No.-5 of 2016	2017	2017	2013	2018	2015	2017	Generic Tariff Order	2010	2014	2010	2011	2012	2015	2018	2019	2019	
Dated	17.04.2017	21-5-2018	04.09.2018	4.7.2017		16.11.2017	24.07.2018	17.05.2013	14.05.2015	11.11.2015	06.07.2017	30.04.2019	31.05.2010	11.11.2014	31.05.2010	30.08.2011	28.08.2012	16.10.2015	06.09.2018	24.07.2019	25.07.2019	
Last Amendment	na	na	na	na	na	28.01.2019	27.08.2018	20.04.2016	na	02.10.2017	na		08.08.2014	na	08.08.2014	na	na	28.09.2016		na		
Tariff Period (Yrs)	35	35	35	13(COD after April 2012) 5(COD before April 2012) 35			35	35		35	35		35	35	35	35	35	35	35	35	35	
Control Period(yrs)	3	3	3	3		NA	4	5		5	5		5	3	5	3	3	5	5	3		
w.a.f.	2017-18	2018-19	2017-18	2018-19	2016	01.10.2017	2017-18	2013-14	2018	2014	2017-18	2019-20	2012-13	2014	2012-13	2011	2012	2015	2018-19	2019-20		
Useful Life (Yrs)	35	35	35	35	35	det. by Com.	35	35	35	35	35	35	35	35	35	35	35	35	35	35		
Financial Parameters																						
Capital Cost (Rs. Lakh/MW)									633													
below 5 MW	1000* 779(other states)	1400	1000	779	820	880(>100 kW to 2 MW); 850 (>2MW to 5 MW);	779	770		646.755 (2016-17)	650	605.28	770	770	770	635	770	850	1000 (Up to 5 MW); 850(>5 MW & upto 10 MW)	779, Island Areas- 1000		
5 MW-25 MW	900* 707(other states)	1200	900	707	748	800	707	700		592.586(2015-16)	635	550.7	700	700	700	571	700	775	900 (> 15 MW & upto 25 MW)	707, Island Areas- 900		
Debt Equity Ratio	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	70:30	70:30	70:30	70:30	70:30	70:30		
Loan Tenure(Yrs)	13	13	13	13	10	13	13	12		12	10	12	12	12	12	10	12	12	13	12		
Interest rate on loan capital (SBI basis points)	200	200	200	200	11.40%	200	200	300	10.50%	12.76%	det. by Com.	1-9MW: (Gross loan) 445.20lak/MW, 5-25MW: Rs. 405.08lak/MW(Gross loan)	300	150	300	150	150	300	300	300		
Depreciation																						
(i)Starting Years	5.28%(13yrs)	5.28%(13yrs)	5.28%(13yrs)	5.28%(13yrs)	7% (10 yrs)	5.28%(13yrs)	5.38%(13yrs)	5.83%(12yrs)	5.83%(13yrs)	5.83%(12yrs)	7% (10 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	7% (10 Yrs)	5.83% (12 Yrs)	5.83% (12 Yrs)	5.38% (13 Yrs)	5.83% (13 Yrs)		
(ii)Remaining Years					0.8% (11-35yrs)					0.87%		0.87%										
Salvage Value(%)	10%	10%	10%	10%		10%	10%	10%					10%	10%	10%	10%	10%	10%	10%	10%		
Max Depreciation (% of capital cost)	90%	na	90%	90%		90%	90%	90%					90%	90%	90%	90%	90%	90%	90%	90%		
Return on Equity																						
Value base of Cap. Cost	30%	30%	30%	30%		30%	30%	30%													30%	
% Normative ROE	14%	14%	14%	14%	14%	17% (pre-tax)	14%		14%	14%(post-tax)	20%	16%		16%						16%	For Mainland Area-14%; For Island Area- 16%	
For 1st 10 years								18%		20%		21.55% (Rs lak/MW)	20%		20%	19%	20%	20%	20%	20%		
After 10 years								22%		24%		29.12% (Rs lak/MW)	24%		24%	24%	24%	24%	24%	22%		
O&M Expenses (Rs Lakh/MW)									14.66		3% of C.C.										For Mainland Area-2% of C.C.; For Island Area- 2% of C.C. %	
below 5 MW	36* 26(other states)	38.06	36	29	3.3% of C.C.	33 (>100 kW to 2 MW); 29 (>2MW to 5 MW);	29	25		24.985(2016-17)		25.17	25	23.47	25	22.2	18.00	30	45.00 (Up to 5 MW); 40.38(>5 MW & upto 15 MW)			
5 MW-25 MW	27* 21(other states)	28.54	27	21	2.5% of C.C.	24	21	18		16.54(2015-16)		17.81	18	16.77	18	15.86	24.00	21.60	36 (> 15 MW & upto 25 MW)			
Escalation (%) p.a	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%	5.72%	5.72%	5.72%	5.72%	5.72%	5.72%	average inflation factor of previous 3 Yrs considering 60% weightage	
Interest on Working Capital (SBI basis points)	300	300	300	300	11.40%	300	200	350	11.50%	13.28%(for 5 MW); 13.50%(5-25 MW)	det. by Com.	11.81%	350	100	350	100	350	350	350	350	350	For Mainland Area-300; For Island Area- 400
Normative Parameters																						
PLF/CUF(%)	45%* 30%(other states)	45%	45%	30%	42%	55%	56%	45%	30%	30%	30%	30%	45%	45%	45%	30%	45%	45%	40% (Generic Tariff); 45%(Project Tariff); 1%	30%		
Aux. Consumption (%)	1%	1%	1%	1%	1%	1%	1%	1%		1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%		
Rebate																						
Through LCC (%)	2%	2%	2%	2%		2%	2%	2%					2%	2%	2%	2%	2%	2%	2%	2%		
other than LCC within one month (%)	1%	1%	1%	1%		1%	1%	1%					1%	1%	1%	1%	1%	1%	1%	1%		
Life Payment Surcharge(%) Beyond 60 days	1.25%	1.25%	1.25% (beyond 30 days)	1.25%		1.25%	1.25%	1.25%					1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%		

Remark: ** Notified Tariff Order