

Tripura Renewable Energy Tariff Regulations - 2015

HIGHLIGHTS

Control Period	5 years from FY 2015-16	
Tariff Period	Technology	No. of Years
	Small hydro below 5 MW	35
	Solar PV and solar thermal	25
	Biomass gasifier and biogas	20
	Wind, small hydro (5 MW to 25 MW), biomass based on Rankine cycle, non-fossil fuel based cogeneration	13
Useful Life of a Plant	Technology	No. of Years
	Small hydro	35
	Wind, solar PV, solar thermal	25
	Biomass based on Rankine cycle, biomass gasifier, biogas, non-fossil fuel based cogeneration	20

Technologywise Net Tariff	Technology	Net Tariff (Rs.lakh/MW for FY 2015-16)
	Wind	5.88
	Small hydro below 5 MW (Benefit is computed)	4.00
	Small hydro 5 MW to 25 MW	3.66
	Biomass based on Rankine cycle technology	10.37
	Non-fossil fuel based cogeneration	7.54
	Solar PV	6.27
	Solar thermal	10.81
	Biomass gasifier	8.48
	Biogas	9.35
Capital Cost	Technology	Capital Cost (Rs.lakh/MW for FY 2015-16)
	Wind	619.522
	Small hydro below 5 MW	850.000
	Small hydro (5 MW to 25 MW)	775.000
	Biomass based on Rankine cycle (For rice straw and juliflora (plantation) with water-cooled condenser)	610.437
	Non-fossil fuel based cogeneration	452.479
	Solar PV	600.000
	Rooftop solar PV	630.000
	Solar thermal	1200.00
	Biomass gasifier	592.532
	Biogas	1185.064
	<ul style="list-style-type: none"> • Capital cost indexation mechanism as stipulated in the regulation would be applied to determine capital cost for remaining years of the control period. • Capital cost norms for solar PV and solar thermal technologies shall be reviewed on annual basis. 	

	Technology	O&M Cost (Rs.lakh/MW for FY 2015-16)	
Operation and Maintenance Expenses (O&M)	Wind	10.63	
	Small hydro below 5 MW	30.00	
	Small hydro (5 MW to 25 MW)	21.60	
	Biomass based on Rankine cycle (For rice straw and juliflora (plantation) with water-cooled condenser)	44.71	
	Non-fossil fuel based cogeneration	18.91	
	Solar PV	13.25	
	Solar thermal	18.00	
	Biomass gasifier	47.26	
	Biogas	47.26	
	Escalation at the rate of 5.72% per annum.		
	Interest Rate on Loans	Average State Bank of India base rate prevalent during first six months of the previous year plus 300 basis points.	
Depreciation	5.83% for first 12 years, and remaining depreciation spread over residual useful life of the project.		
Return on Equity	<ul style="list-style-type: none"> • Pre-tax 20% per annum for first 10 years. • Pre-tax 24% per annum from 11th year onwards. 		
Interest on Working Capital	Average State Bank of India base rate prevalent during first six months of the previous year plus 350 basis points		

OTHER PROVISIONS

Tariff structure and design	Single part levellised tariff with two components for biomass and cogeneration technologies, and with fixed cost components for other technologies.
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Merit Order Despatch Principle	Not available--
Subsidy or/and Incentives by state/central government	Any incentive or subsidy provided by the central or stategovt., including accelerated depreciation benefit, would be taken into consideration while determining tariff.
Rebate	Not available
Late payment surcharge	Not available
Links	http://terc.nic.in/rules_regulation.htm
References	http://terc.nic.in/pdf/RE_MY_Tariff_2015.pdf