

RIVER campus to have Solar Power in RESCO model

1. Ministry of New & Renewable Energy (MNRE) entrusted Solar Energy Corporation of India (SECI) to implement the solar power capacity through its various schemes
2. Under directions of Chief Secretary, Govt of Puducherry and the State Nodal Agency (REAP) Amp Energy conducted site survey to potential sites (including RIVER) and submitted Project report for consideration along with the Power Purchase Agreement (PPA) for signing between the beneficiary (RIVER) and RESCO developer.
3. **Solar Project at RIVER** : The shadow free roof area at RIVER premises was evaluated along with the monthly consumption to determine the optimum solar capacity required at RIVER. This 200 kWp (+/- 10%) capacity solar plant can replace up to 90% of the electricity consumption at RIVER and would reduce the monthly electricity expense by around 30%. This rooftop solar plant is planned to be installed on Admin block, Block 2 and Block 3 within RIVER campus. The solar plant on each of these roofs will generate electricity based on the radiation available at the site. This generation is metered and supplied to the LT panel in each roof. This is a grid connected solar plant and does not require battery bank for its operation. This solar plant is installed with net metering arrangement wherein RIVER signs the net metering agreement with Electricity Department, Puducherry. Any solar generation that is not consumed on real time basis within RIVER campus (for eg: generation on Sunday's and non-working days) can be sent into the grid. Such units which flows into the grid gets credited/adjusted in the monthly electricity bill received by RIVER from Electricity Department. This allows the grid to be used as a bank and solar generation is not wasted. By choosing to solarize its campus through the SECI scheme of Govt of India, RIVER has made its small yet significant contribution to the climate action commitments by India to the global community.



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