

# ADITYA DEGREE COLLEGE



Accredited by NAAC with 'B++' Grade

Affiliated to Adikavi Nannaya University

Laxminarayana Nagar, KAKINADA, East Godavari Dist., A.P – 533 003,

Phone: 0884 – 2376665, Cell: 9704376667

Website: [aditya.ac.in/degree](http://aditya.ac.in/degree) E-Mail: [adckkd@aditya.ac.in](mailto:adckkd@aditya.ac.in)



## A BRIEF REPORT ON WHEELING TO GRID

Aditya Degree College has made the energy policy in the year 2018 and from 2019 onwards, it is implementing effectively. The following benefits we observed while implementing this policy.

In electric power transmission, wheeling is the transportation of electric energy (megawatt-hours) from within an electrical grid to an electrical load outside the grid boundaries. In a simpler sense, it refers to the process of transmission of electricity through the transmission lines.

Net metering is an energy accounting mechanism that helps us with grid connected rooftop solar systems reduce their energy bills. It is a key instrument of rooftop PV deployment. Under a net metering arrangement, we have energy bill offset against the solar power generation.

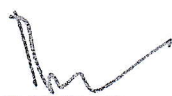
### **Advantages Observed by the College:**

- On-grid solar systems are very cost-effective and easy to install.
- Businesses can recoup the cost of the investment by offsetting electricity bills in just 3-8 years.
- sets up a solar PV rooftop system it will be eligible to avail an 'Accelerated Depreciation Benefit' which is currently 80% in a year.
- At this rate, we can completely depreciate the whole value of the project in approximately 4-5 years.

Aditya Degree College, Kakinada formed a committee on the institutional policy of energy saving and this committee will conduct periodical meetings from time to time or whenever necessary on need basis. The committee will discuss about efficiency of this energy saving system and also discuss the problems facing with the energy saving policy. If any problems noticed by the members, immediately, the committee will appoint a person to make necessary arrangements to resolve the same with the energy saving technical team available in house or bring the technical personnel from outside.

  
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