

ADITYA DEGREE COLLEGE



Accredited by NAAC with 'B++' Grade

Affiliated to Adikavi Nannaya University

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

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A BRIEF REPORT ON SOLAR ENERGY

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.

Solar energy is clean. It creates no carbon emissions or other heat-trapping “greenhouse” gases. It avoids the environmental damage associated with mining or drilling for fossil fuels. Furthermore, solar energy also uses little to no water, unlike power plants that generate electricity using steam turbines. The college has the following Solar Roof Top Panels

- 1) Solar panel 1----- 25KWP
- 2) Solar panel 2 ----- 25 KWP
- 3) Solar panel 3----- 35 KWP

Advantages observed by the College:

- Renewable energy source
- Reduced monthly electricity bills
- Diverse applications
- Low maintenance costs
- Technology development
- Safe

The major disadvantage in our solar system is (1) it is purely on whether dependent (2) energy storage is expensive and (3) initial establishment is high

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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