

#### SOUTHERN POWER DISTRIBUTION COMPANY OF AP LIMITED

From The Divisional Electrical Engineer, Operation, VUYYURU. To The District Manager, NEDCAP, Industrial Estate, Vijayawada.

### Lr.No.DEE/O/VYR/AAE.Comml./F.No:SPVPP-1/D.No. 2008/14, dt. 1. 09. 2014.

Sir,

**Sub:**DEE-Electy-OD-VYR – Application received for installation of SPV Power plant – Forwarded - Reg.

**Ref:**1).G.O.Ms.No:22,Dt:25.03.2013 read with G.O.Ms.No:22,Dt:25.03.2013. 2).Consumer Application, Dt:28.08.2014.

As per the above ref.2<sup>nd</sup> cited, the following application received for installation of Solar Photo Voltaic power plant with net metering arrangement is here forwarded for taking further necessary action from your end.

S.No	Service No.	Name of the Registered Consumer	Existing Contracted Load	Load applied for SPVPP
1.	6711100003397	A.G& S.G. Siddhartha Degree College of Arts & Science, Vuyyuru.	54.51KW	25KW

It is further informed that installation of Net metering arrangement for the said service is technical feasible.

It is requested to complete the installation and inform to this office for connecting to the grid observing formalities at the earliest.

Encl:A/A.

**DIVISIONAL ELECTRICAL ENGINEER OPERATION :: VUYYURU.** 

Copy to the Principal A.G & S.G Siddhartha Degree College of Arts & Science Vuyyuru. Copy to Divisional Engineer/M&P/ Vijayawada for favour of taking necessary action. Copy to Asst. Divisional Engineer, Operation Vuyyuru.

Copy to Asst. Engineer, Operation Vuyyuru Town.

Copy submitted to the Superintending Engineer, Operation, Circle, Vijayawada for favour of information please.



## Adusumilli Gopalakrishnaiah & Sugarcane Growers Siddhartha Degree College of Arts & Science

Vuyyuru – 521165, Krishna District, Andhra Pradesh (An Autonomous College in the Jurisdiction of Krishna University, Machilipatnam) Accredited by NAAC with "A" Grade ISO 9001:2015 Certified Institution Phone No: 08676-233267 Email ID: agsgsiddhartha@gmail.com website: http://agsgsc.edu.in

# **7.1.2.** The Institution has facilities for alternate sources of energy and energy conservation measures:

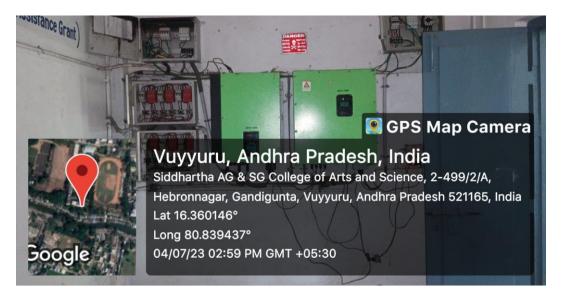
#### 1. Solar energy: YES

Solar energy is a renewable source of power that relies on sunlight, which is abundant and freely available. Unlike fossil fuels, which are finite and contribute to climate change, solar energy can be harnessed indefinitely without depleting natural resources. The scope of solar energy is vast and continues to expand rapidly. A.G. & S.G. Siddhartha Degree College of Arts & Science, Vuyyuru has installed 25 KV Rooftop Solar Power Plants to harness the solar energy since 2015. The geo-tagged photograph is shown below:



#### 2. Wheeling to the Grid: YES

Excess (surplus) solar energy generated by rooftop solar modules are exported to the grid of electricity distribution utility (APSPDCL) through net metering and direct saving in electricity bills are availed from electricity distribution utility on monthly basis. The geotagged photograph is shown below:



#### 3. Sensor-based energy conservation: YES

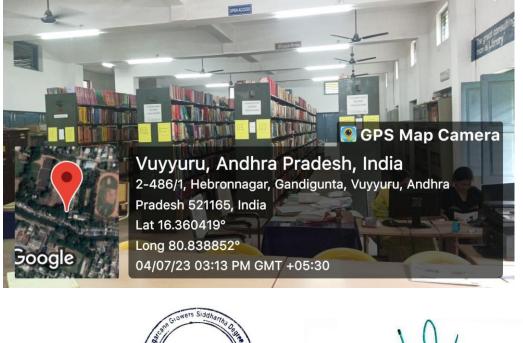
The Institution pays attention in utilization of electrical energy in an efficient manner. The concept of automation of Electrical equipments is realized by using sensors. An automatic RO water plant incorporates advanced automation features for streamlined operation, enhanced efficiency and monitoring. These features can include automated control systems, sensors, valves, pumps and monitoring devices that regulate and optimize the water treatment process. The geo-tagged photograph is shown below:



#### 4. Use of LED bulbs: YES

A.G. & S.G. Siddhartha Degree College of Arts & Science, Vuyyuru is conscious of using energy-saving sources. To support that, based on the requirement, our college is encouraging to use the above and hence 80% are LED bulbs on campus. The geo-tagged photograph is shown below:

Adusumilli Gopalakrishnaiah & Sugarcane Growers Siddhartha Degree College of Arts & Science, Vuyyuru-521 165, Krishna District.



(Original for Buyer)





Unit- II C -332. 3rd Main, 1st Stage Peenya Indl Area Bangalore E-Mail :commercial@poweroneups.com Phone: 28379844/28398730 Telefax: 28377074

Power One Make 25KW Solar Power Generating System     1 Sets     22,88,490.00     22,88,490       Sub-Total:     1 Sets     22,88,490.00     22,88,490     1,25,866       CST @ 5.5%     1,25,866     1,25,866     1,25,866     1,25,866						
reparation Date : 24-Sep-2014 Removal Date : reparation Time : 16:02 Hrs Removal Date : Jyer: Consignee: The Principal G&SG Siddharatha Degree College AG&SG Siddharatha Degree College of Arts & Science Vuyyur - 521165 rishna Dist Contact Person : K Satyanarayana TiN No.: CC No.: CST No.: CC No.: CST No.: CC No.: CST No.: CC No.: Description Rail/Ar Booking Station: Contact Person : K Satyanarayana TiN No.: CST No.: CST No.: CST No.: CST Mo.: LR NO-361-A3/ Solar Energy /2014 GR/RR/AGB : our Order Dt: 4-Sep-2014 KAD2-AA - 71/4/ Power One Make 25KW Solar Power Generating System Sub-Total: No.: CST @ 5.5% Round Off Notes: Ed Exempted Against Notification No.12/2012.C.E					n 2014	L
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