

7.1.2. The institution has  
Facilities for alternative source  
of energy and energy  
conservation



VISWAMBHARA EDUCATIONAL SOCIETY

**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanumakonda- 506001, (T.S)

**POLICY DOCUMENT ON**  
**ENERGY CONSERVATIVE MEASURES**





*Principal*  
**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001

	<b>VISWAMBHARA EDUCATIONAL SOCIETY</b> <b>VAAGDEVI COLLEGE OF PHARMACY</b> (Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University , Warangal, T.S) Ramnagar Dist. Hanamakonda- 506001, (T.S)
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**INDEX**

**List of Documents Related to Alternative Source of Energy and Energy Conservation Methods**

S.No.	Particulars
1.	Policy Document
2.	Geotaged Photographs & Video link
3.	Energy Audit



  
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**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



## POLICY ON

## ENERGY CONSERVATIVE MEASURES

- This is to confirm that the institution uses the following alternative energy sources and energy conservation measures: solar energy, wheeling to the grid, sensor based energy conservation and LED bulbs.

### Objectives of the Policy

- To preserve resources in campus
- To utilise energy from all sources in an effective manner
- To Use renewable energy sources, such as solar power
- To periodically perform energy audits



  
Signature of Principal

Principal  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



## 1) Solar Panels

In 2019, Vaagdevi College of Pharmacy made a significant commitment to sustainability by installing a 110 kW solar photovoltaic (PV) system. This system consists of 210 solar panels, each with a capacity of 325W, strategically placed on the college's rooftops to harness solar energy. By converting sunlight into electricity, the solar panels help meet the college's energy needs while reducing its reliance on conventional power sources.

The college's solar system is grid-tied with net metering capability, allowing it to send excess electricity back into the main electrical grid. With net metering, the college earns credits for the surplus energy it generates, which can offset electricity costs during periods when solar generation is low, such as at night or on cloudy days.

This integration of solar technology plays a crucial role in the college's energy conservation efforts. By using renewable energy, the college reduces its electricity bills, lowers its carbon footprint, and contributes to environmental sustainability. Furthermore, the initiative promotes the importance of clean energy, setting a positive example for future generations and reinforcing the need for sustainable practices in education and beyond.

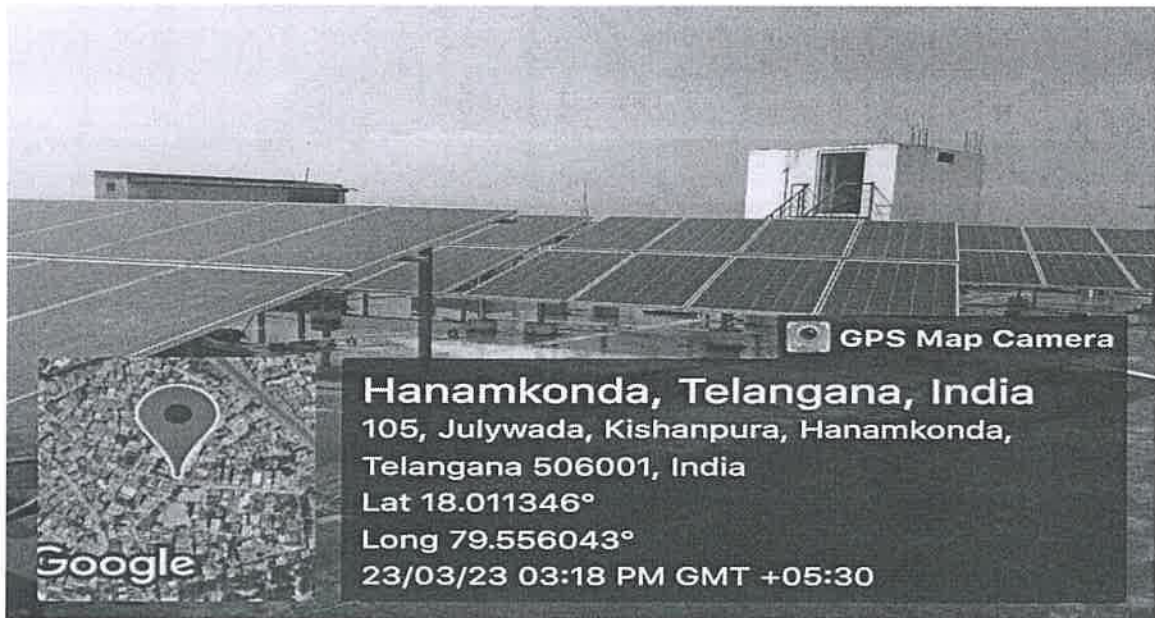


  
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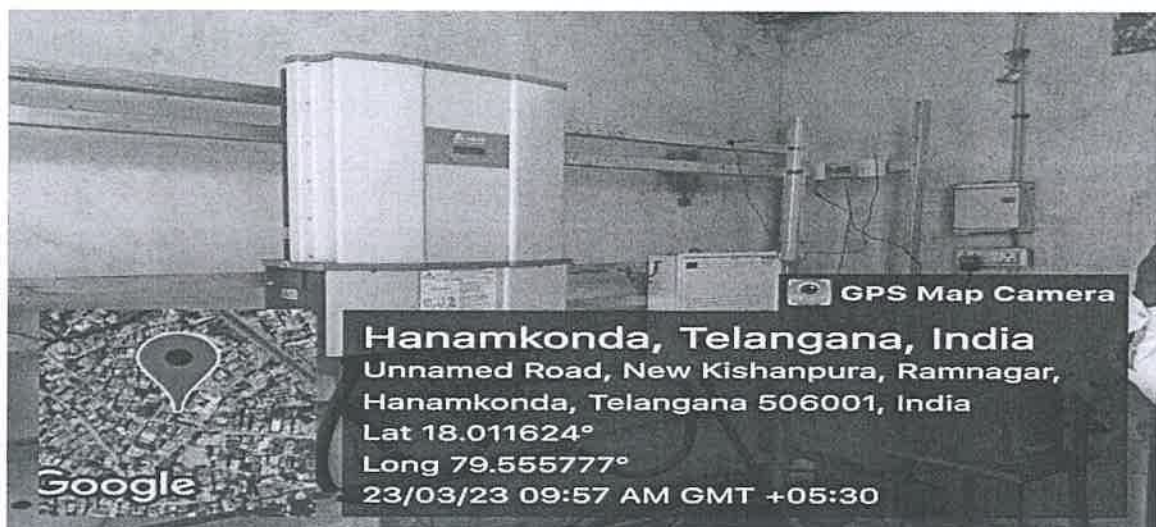


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**Solar Panels**



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**ii) Wheeling to the Grid:**

Solar panels generate energy during low load conditions on campus, returning it to the grid monthly after consumption, enabling the grid to supply other loads.




**Wheeling to the grid**



**Transformer**

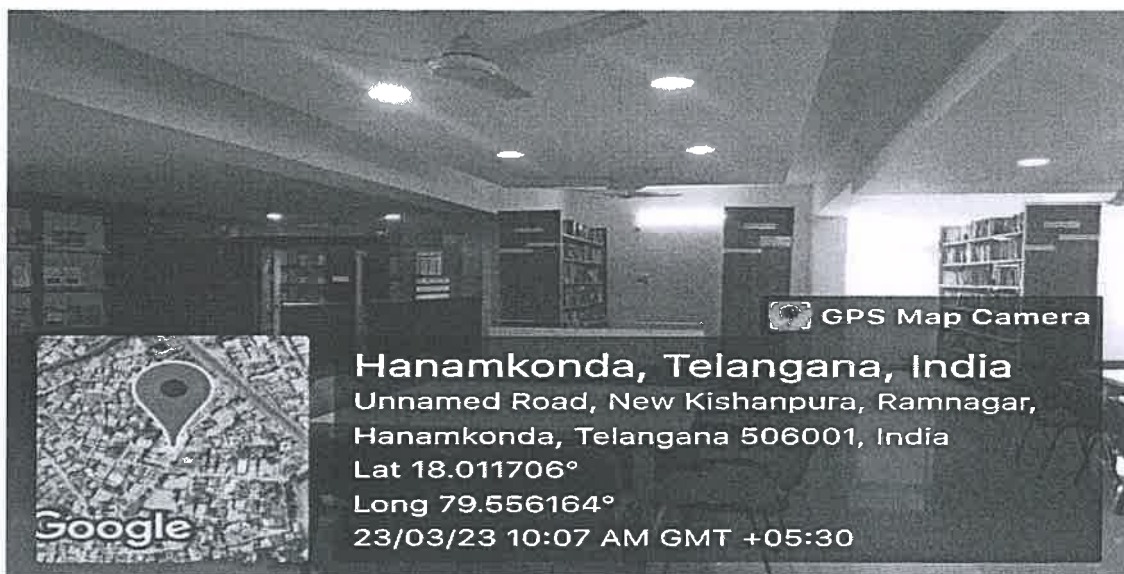


  
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### iii) Use of LED Bulbs/ Power Efficient Equipment

The campus has been equipped with energy-efficient LED lamps, strategically placed to ensure optimal lighting coverage throughout the entire premises. These LED lamps, known for their energy-saving properties, have been specifically installed in high-demand areas, including the principal's chamber, laboratories, common areas, and the library, among others. By focusing on these key zones, the initiative aims to significantly reduce energy consumption while maintaining adequate lighting for essential activities. This move not only enhances the campus's sustainability efforts but also promotes a greener and more cost-effective environment.



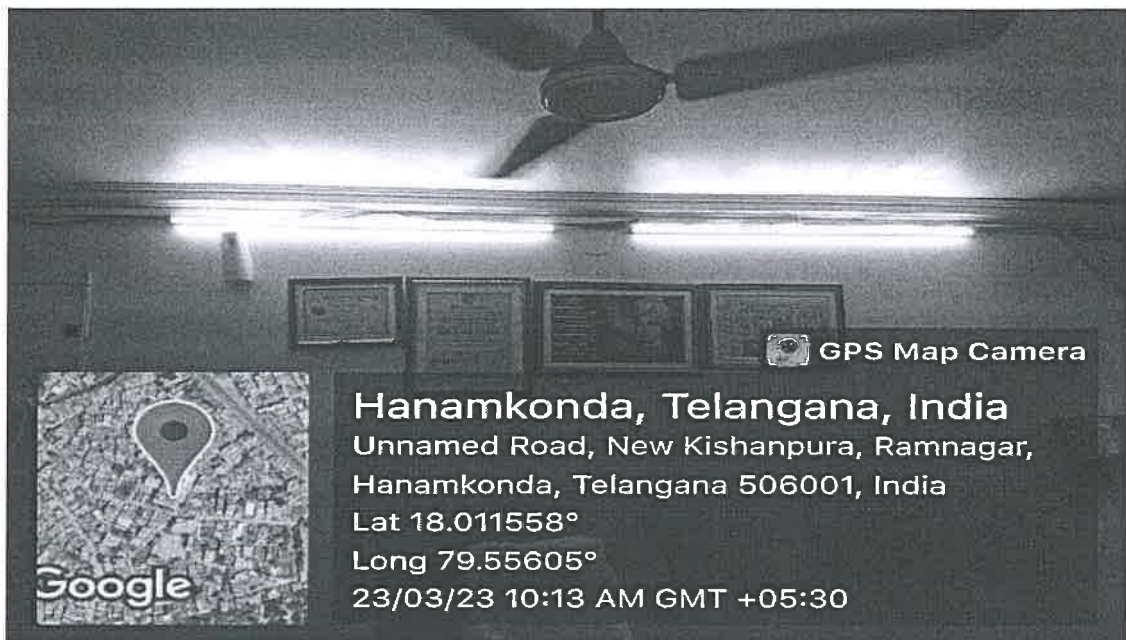
**LED Lights**



  
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### LED Lights

#### iv) Sensor Based Energy Conservation

The college is implementing some great initiatives to conserve energy and promote sustainability. By using energy-efficient equipment and sensor lights, the college is not only reducing electricity consumption but also helping to decrease its overall environmental impact.



  
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**Sensor Light**

**Energy Audit:** Green energy was introduced to Vaagdevi College of Pharmacy campus in 2019 with a 100-KW solar on-grid system with net metering capability. Its goal: minimize carbon emissions while protecting the environment.

**Project Site:** Vaagdevi College of Pharmacy, Ramnagar, Hanamakonda, Warangal

**District Name:** Warangal

**Name of the State:** Telangana

**Location:** M/s Viswambhara Educational Society, Hanamakonda, Warangal

**Type of system:** 100 KWp solar Compact System

**Type of PV Modules:** Considered for the offer of Crystalline Poly



  
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**Proposed Capacity: 100Kwh**

**Projected Module Area Required: 6,319 Sq Feet**

**The capacity of each Module proposed: 325 W**

**Inverter Capacity: 50 KW (1), 30KW (1) – 2 Units (Delta Make)**

**Projected Energy Production per year: 1, 50,000 Units/per year**

**Total Project Cost: 33, 00, 000**

**Project maintenance for Next 25 years@50/% : 16, 50, 000**

**Total Project cost for 25 years: 49, 50, 000**

**For first 10 years average unit generation: 15, 00, 000 units**

**With an efficiency 90% Next 15 years average unit generation: 20, 25,000 units**

**With an efficiency 90% Total average units generation for 25 years: 35, 25,500 units**

Therefore Per unit cost generation = Total project cost/units generated = 49, 50, 000 /35, 25,500  
per unit cost 1.40 /-

**Pay Back Calculations For Solar on Grid System -Capacity of the System Kwp 100 KW**

**Price per Watt 59.5 Rs**

**Total Project Cost 5950000 lacs**

**Subsidy @ 30% 1785000**

**Project Cost after Subsidy 4165000 lacs**



  
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No. of Units generated by the system (per year) 153000 Units From DG utilization 15300 @10%  
From EB Utilization 90% 137700 generation cost by using Generator per year 290700  
(Considering 1litre diesel generates 3units) Generation cost by Using EB power per year  
1170450 EB and generator cost per annum 1461150 Depreciation as per section 32 of the income  
tax act 1961 Project cost after Subsidy 4165000 1 st year @80% N/a Depreciation @33.3% N/A  
2nd year depreciation on balance 20% N/A Depreciation @ 33.3% N/A 3rd year depreciation on  
balance 20% N/A Depreciation @33.3% N/A 4th year depreciation on balance 20% N/A  
Depreciation @33.3% N/A 5th year depreciation on balance 20% N/A Depreciation @33.3%  
N/A Total Depreciation in five years N?A after Subsidy project cost 4165000 EB and Generator  
cost per annum 1461150 per year Payback period for the system 2.85049447 4 years.



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Ramnagar Dist. Hanamakonda- 506001, (T.S)

**NORTHERN POWER DISTRIBUTION COMPANY OF AP LIMITED**  
Operation Circle: Warangal

From  
The Superintending Engineer,  
Operation, NPDCL,  
Warangal.

To  
M/s. Viswambhara Educational Society,  
Kishanpura,  
Hanamkonda,  
Warangal Dist.

Lr. No. SE/OP/WGL/Comm/HT/No HT/D.No. 756 /10, Dt. 15-09-2010.

Sir,

Sub: Electy. O.C- WGL - Enhancement of CMD from 70 KVA to 110 KVA (with an additional CMD of 40 KVA) against SC.No.WGL-127 of M/s. Viswambhara Educational Society, Naimnagar Distribution of Warangal Division.- Payemnt of necessary Charges - Request - Reg.

Ref: T.O. NPDR Sanction No.(HT) : 74/2010-11.

With reference to the above, an Estimate has been sanctioned for Enhancement of CMD from 70 KVA to 110 KVA (with an additional CMD of 40 KVA) against SC.No.WGL-127 of M/s. Viswambhara Educational Society, Naimnagar Distribution of Warangal Division..

Hence , you are requested to pay the following amounts in the shape of DDs payable at SBH/ Warangal.

S.No.	Description	Amount	DDs to be drawn in favour of
1	Service line charges	0.00	DEE/Operation/NPDCL/Warangal.
2	Development charges	60,000.00	DEE/Operation/NPDCL/Warangal.
3	Initial Consumption Deposit	40,000.00	SAO/CO/NPDCL/Warangal

The above DDs drawn may be handed over to Asst.Engineer/Operation/Naimnagar.



Yours faithfully,

*[Signature]*  
Superintending Engineer,  
Operation Circle: Warangal

Copy to  
The Divisional Engineer/Operation/Warangal.  
The Asst. Divisional Engineer/Distribution/Hanamkonda.

The Junior Accounts Officer/HT/CO/Warangal  
The Senior Accounts Officer/CO/Warangal

D-Notice

Vishwambhara Educational Society\_HT\_Cat-II\_Addl\_70 TO 110 KVA



*[Signature]*  
**Principal**  
**Vaagdevi College of Pharmacy**  
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**VISWAMBHARA**  
**EDUCATIONAL SOCIETY**  
 (Regd. No. 1305/1993)

# 2-2-457/3, Ramnagar,  
 HANAMKONDA, Warangal-506 001  
 Phone : 0870-2455111, 2455133,  
 2455144 (O), 2455333 (R)  
 FAX : 0870-2544949

**C. JANGA REDDY** (Ex. M.P.)  
 Chairman

**Ch. DEVENDER REDDY**, B.E.  
 Secretary & Correspondent

No. VES/PS/10

September 16, 2010

The Superintending Engineer  
 Operation, NPDCL  
 Warangal

**Sub:** Enhancement of CMD from 70 KVA to 110 KVA (with an additional CMD of 40 KVA) against SC No.WGL-127 of M/s Viswambhara Educational Society, Nainnagar Distribution of Warangal Division – Payment of necessary charges – Sending of (2) DDs as Development Charges of Rs.60,000.00 and Initial Consumption Deposit Rs.40,000.00 – Regarding.

**Ref:** Your office letter No.SE/OP/WGL/Comm1/F.No,HT/D.No.756/10, dated 15-09-2010.

Thank you very much for your kind letter cited enhancing the CMD from 70 KVA to 110 KVA (with an additional CMD of 40 KVA) against SC No.WGL-127 of M/s Viswambhara Educational Society, Nainnagar Distribution of Warangal Division. As desired by you, I am sending the following two DDs for taking for action in this regard:

S. No.	Description	D.D. No. & Date	Amount	DDs drawn in favour of
1	Development Charges	007291, Date: 16/09/2001	Rs.60,000/-	DEE/Operation/NPDCL/ Warangal
2	Initial Consumption Deposit	007292, Date: 16/09/2001	Rs.40,000/-	SAO/CO/NPDCL/ Warangal

I shall be thankful if your could kindly expedite action lest there should be frequent interruption in the continuous supply of power to this institution.

Yours faithfully,

Secretary & Correspondent

17/9/10  
 Engineer



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 [Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
 Ramnagar Dist. Hanamakonda- 506001, (T.S)

PAY ORDER 16-09-2010

PAY DEE/OPERATION/NPDC/WARANGAL

RUPEES SIXTY THOUSAND ONLY OR ORDER

ON ACCOUNT OF 0134F90002050VAAGDEVI PG CLG

**IndusInd Bank** 

Warangal Branch  
6-1-29 & 30, Ganapathi Plaza,  
Opp. Markaji School, Lashkar Bazaar, Hanamakonda,  
PO. Warangal - 506 001. IFSC : INDB0000134

Rs. 60000.00  
For IndusInd Bank Ltd.  
*(Signature)*  
**AMARESH S.S.**  
S.S. No. 2156  
AUTHORISED SIGNATORIES


\*007292\* 506234002\*

PAY ORDER 16-09-2010

PAY SAG/CO/NPDC/WARANGAL

RUPEES FORTY THOUSAND ONLY OR ORDER

ON ACCOUNT OF 0134F90002050VAAGDEVI PG CLG

**IndusInd Bank** 

Warangal Branch  
6-1-29 & 30, Ganapathi Plaza,  
Opp. Markaji School, Lashkar Bazaar, Hanamakonda,  
Warangal - 506 001. IFSC : INDB0000134

Rs. 40000.00  
For IndusInd Bank Ltd.  
*(Signature)*  
**AMARESH S.S.**  
S.S. No. 2156  
AUTHORISED SIGNATORIES

\*007292\* 506234002\*



  
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VISWAMBHARA EDUCATIONAL SOCIETY

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### NORTHERN POWER DISTRIBUTION COMPANY OF A.P. LTD.

Office of the  
Divisional Engineer Elecl.,  
Operation, Warangal

Memo.No.DEE/OP/Wgl/Comml/F.No. /D.No. 511 /10 /Dated: 18-11-2010


Sub:- APNPDCL - Operation Division Warangal -- Proposal for Enhancement of CMD from 70 KVA to 110 KVA( Addl 40 KVA) to SC.NO HT WGL 127 Cat II of M/S Viswambara Educational Society., of Naim Nagar Section Hanamkonda Sub division of Operation Division Warangal - Specific Release Orders issued - Regarding.

Ref:- 1. Sanction No. NPDR (HT) No. 74/10-11.  
2. Lr.No.ADE/D/HNK/F.No. /D.No.2234/10 Dt: 18-11-2010.

Under the circumstances explained by the Asst. Divisional Engineer/D/Hanamkonda vide reference 2<sup>nd</sup> cited, the Divisional Engineer / Op/Warangal here with accords approval for Enhancement of CMD from 70 KVA to 110 KVA to SC.NO HT WGL 127 Cat II of M/S Viswambara Educational Society., at Naim Nagar Section in Hanamkonda Sub division of Operation Division Warangal.

Hence the Asst. Divisional Engineer/D/Hanamkonda is requested for arranging release of service, duly following departmental formalities.

C/K.

  
Divisional Engineer Elecl.,  
Operation/Warangal

To:  
The Asst. Divisional Engineer/D/Hanamkonda.

Copy to:  
The Asst. Engineer /Distribution/Naim Nagar.  
The Assistant Divisional Engineer/HT Meters/Warangal.  
The Divisional Engineer /M&P/Warangal.

Copy Submitted to:  
The Superintending Engineer Elecl./Operation/Warangal.



  
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**Northern Power Distribution Company Of A.P. Ltd**  
**Questionnaire for Issue of Specific Release Order to H.T. Service**

1. Name of the Consumer : M/s Viswambhara Education Society  
2. Location of the Service : Hanamakonda SC.NO HT WGL 127  
3. Contracted Demand to be released : Naim Nagar  
4. Particulars of feasibility Certificate : HT-Cat-II 70 KVA to 110 KVA  
5. Particulars of Sanction of the estimate : (Add. Load 40 KVA)  
6. Particulars of Payment : NPDR-(HT) 74/10-11  
7. Details of CEIG Approval for consumer : NPDR-(HT) 74/10-11  
Installation  
8. Date of H.T. Agreement entered by the : 1. Development Charges : Rs. 60,000.00  
consumer : DD.No.007291/ Dt.16.09.2010.  
9. Work Order Particulars : PCB.No.39160 / Dt.17.09.2010  
10. Date of completion of NPDCL : 2. Security Deposit : Rs.40,000.00  
side work : D.D.No.007292/Dt.16.09.2010  
11. Date of completion of Consumer : PCB NO 12113/17.09.2010  
side work. : D.No.1868/10 Dt.18.11.2010  
12. Whether any LT supply available : Deputy Chief Elecl.Inspector.  
in consumer premises If so details of the same. : To Govt. of AP.  
3. Remarks : 21-10-2010  
: No Addl. Work required as existing  
service is HT Cat II with 70KVA Contracted  
load.

  
Divisional Engineer Elect.,  
Operation APNDCL  
Warangal.



  
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11

ఆంధ్రప్రదేశ్ ప్రభుత్వము  
విద్యుత్ తనిఖీ బోధ

FROM:  
ప్రభుత్వ ఉప ప్రధాన విద్యుత్ తనిఖీ అధికారి,  
హైదరాబాద్ / గ్రామీణ,  
ఇ.నెం. 1 & 400/10, విద్యుత్ తనిఖీ,  
హైదరాబాద్-500 020 వారి నుండి

TO:  
M/S VISWAMBHARA EDUCATIONAL SOCIETY,  
HANAM KONDA,  
WARANGAL DISTRICT

తేదీ సంఖ్య: ప్ర.ఉ.ప్ర.వి.త.అ/హై/రా/అవిహ్/384/WGL/ఎ.నెం.1868/2010, తేదీ.18-11-2010.  
అధ్యక్షులు

- నివేదన:- 2009 సంవత్సరము విద్యుచ్ఛక్తి చట్టము కురియు 1956 నుంచి భారత విద్యుచ్ఛక్తి నియమములు - వియమాన రిటోవి 63(3) వ నియమము క్రింద మొదలైన VISWAMBHARA EDUCATIONAL SOCIETY, HANAM KONDA, WARANGAL జిల్లా వారి ఆధిక విద్యుత్ పీడన స్థావరమునకు సంబంధించి కాపిలక్షణాలను అమోదము - ఇవ్వడము - గురించి.
- నిర్ణయము:-
- 1) తనిఖీ తేదీ.18-11-2010.
  - 2) ఈ కార్యక్రమము తేదీ సంఖ్య: ప్ర.ఉ.ప్ర.వి.త.అ/హై/రా/అవిహ్/ బి.యస్/ /384/WGL/ఎ.నెం.క్యాంప్ /2010, తేదీ.16-11-2010.
  - 3) మీ యొక్క సవరణ తేదీ చేసిన తేదీ. 18-11-2010.

1956వ సంవత్సరపు భారత విద్యుచ్ఛక్తి నియమావళిలోని 63(3) వ నియమము క్రింద మీ ఆధికారి విద్యుత్ పీడన స్థావరమునకు కాపిలక్షణాలను అమోదము చేయబడినది.

1956వ సంవత్సరపు భారత విద్యుచ్ఛక్తి నియమావళిలోని 63వ నియమము క్రింద ప్రస్తుతము అమోదించిన ఆధికారి విద్యుత్ పీడన స్థావరమునకు విద్యుత్ పీడన స్థావరమునకు గాని తర్రాఫులు గాని ప్రభుత్వ ఉప ప్రధాన విద్యుత్ తనిఖీ అధికారి, హైదరాబాద్ (గ్రామీణ) వారి వ్రాసిన పూర్తికొరతలను అనుమతి తేదీ విద్యుత్ సంఘం చేయబడినది.

1956వ సంవత్సరపు భారత విద్యుచ్ఛక్తి నియమావళిలోని 30(4) మరియు 48(3)వ నియమములను సుపరిచించి ప్రాధికారము ప్రమాద రహితముగా నిర్వహించుటకు ఎల్లవర్షము మీకు మాత్రమే భార్యలు.

దీనితో వారు అమోదించిన పూర్తికొరతలను వివరముల పట్టికలను అనుమతించబడినది.

అనుబంధములు:  
అమోదించబడిన పట్టికలు



అనుమతించబడినది,  
  
ప్రభుత్వ ఉప ప్రధాన విద్యుత్ తనిఖీ అధికారి,  
హైదరాబాద్ (గ్రామీణ).

- 1) కేవలం ఇంజనీర్ అనుమతించిన పూర్తికొరతలను A.P., WARANGAL, WARANGAL జిల్లా వారికి సమాచారం వినియోగము చేయబడినది. ప్రాధికారమునకు విద్యుత్ సంఘం ప్రారంభించిన తరువాత విద్యుత్ తనిఖీ అధికారి/మెన్బర్ తన విభాగము, వారికి తెలియ చేయబడినది.
- 2) ఉప విద్యుత్ తనిఖీ అధికారి/WARANGAL ఉప విభాగము, వారికి అనుబంధములలో సమాచారం వినియోగము చేయబడినది.

# Follow the Electricity Act & Rules to avoid Electrical fatal and life accidents #



Principal  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



**VISWAMBHARA EDUCATIONAL SOCIETY**  
**VAAGDEVI COLLEGE OF PHARMACY**

[Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
 Ramnagar Dist. Hanamakonda- 506001. (T.S)

ANNEXURE TO LR. NO. DY. CEIG/HYD/RURAL/TS/HT/364/WGL/ID. NO. 1868 /10. DT: 19-11-2010.

M/S VISWAMBHARA EDUCATIONAL SOCIETY,  
 HANAM KONDA, WARANGAL DISTRICT.

S.NO	PARTICULARS	EXISTING	ADDITIONS	DELETIONS	TOTAL LOAD
1	2	3	4	5	6
I	<b>H.V. EQUIPMENT:</b>				
	a) Transformer	100 KVA, 11KV/433V, RAGHAVENDRA, S.NO. 124.	160 KVA, 11KV/433V, VVE, S.NO. V-15351.	100 KVA, 11KV/433V, RAGHAVENDRA, S.NO. 124.	160 KVA, 11KV/433V, VVE, S.NO. V-15351.
	b) H.T.S.F.U.		630 A, 12KV, MEGAWIN, S.NO. 2010427.		630 A, 12KV, MEGAWIN, S.NO. 2010427.
II	<b>M.V. EQUIPMENT:</b>				
a)	Motors	5.00 HP			5.00 HP
b)	Generator		1) 125.00 KVA, 415V, MAHINDRA, NO. 0910 RP 0500.		1) 125.00 KVA, 415V, MAHINDRA, NO. 0910 RP 0500.
c)	Capacitors	40.00 KVAR	50.00 KVAR		90.00 KVAR
III	<b>L.V. EQUIPMENT:</b>				
a)	L.V.LOAD	37.04 KW	57.00 KW		94.04 KW
b)	Lighting Load	52.40 KW	18.00 KW		70.40 KW



*[Signature]*  
 DY. CHIEF ELECTRICAL INSPECTOR  
 TO GOVERNMENT: HYDERABAD (RURAL).

# Follow the Electricity Act & Rules to avoid Electrical fatal and fire accidents #



8 →  
**Principal**  
**Vaagdevi College of Pharmacy**  
 Hanamakonda, Warangal-506 001



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(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001. (T.S)

*Solar bill*



**Assure Energy System**

Assure/Vishambara/100Kwp/19  
28.02.2019

To,

Secretary & Correspondence,  
Vishambara Educational Society,  
Hanmakonda,  
Warangal Dist.

Dear Sir,

SUB: Work completion and handing over of 100 Kwp Solar power plant – Reg

We thank you very much for the opportunity for setting up 100 Kwp Grid connected solar power plant at your college, we are hereby confirming that we have successfully completed the installation and commissioning the power plant and hereby handing over the power plant for your usage.

We request to arrange us the payment, we bring to your notice that we have received Rs.800000.00 against total amount of Rs.33,00,000.00 plus subsidy amount balance amount to be paid Rs.25,00,000.00

We have connected wi fi also, please note the details.

ID: [assureenergysystem@gmail.com](mailto:assureenergysystem@gmail.com)  
Password: Solar30.

We request to arrange us LAN cable till the inverter so that we can avoid SIM.

Thanking you,

For Assure Energy System,

Authorised Signatory

*dm*

*Rs-15,00,000/-  
A/c No-02  
Ch.No-636088  
18-3-19*

*Rs-10,00,000/-  
A/c No-03  
Ch.No-053810  
18-3-19*

*Received by  
Krupa Reddy  
18/3/19  
8341911266*

TIN No: 36527603795

H.O.: No.51, Aruna Enclave, Trimulgherry, Secunderabad - 500015.

E-mail: [assureenergysystem@gmail.com](mailto:assureenergysystem@gmail.com) Phone: 040-40145011

Service Tax No: ADYPN1417BD001

B.O.: 8/68, Padmavathi Puram, Thiruchanoor Road, Tirupathi, Andhra Pradesh - 517501  
E-mail: [assureenergysystem@gmail.com](mailto:assureenergysystem@gmail.com) Phone: 9866244157



*Principal*  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



**VISWAMBHARA EDUCATIONAL SOCIETY**

**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001, (T.S)

**Tax Invoice**

<b>Assure Energy System</b> No.51, Aruna Enclave, Trimulgherry, Secunderabad Pin: 500 015, Telangana State, Ph: 040-40145011. Web: www.Assureenergy.in PAN No: ADYPN1417B GSTIN/UIN: 36ADYPN1417B1ZK State Name : Telangana, Code : 36 E-Mail : Assureenergysystem@gmail.com	Invoice No. <b>AES/HYD/INV/281</b> Delivery Note Dated <b>29-Jul-2018</b> Mode of Payment
<b>Consignee</b> <b>VISWAMBHARA EDUCATIONAL SOCIETY</b> # 2-2-457/3, RAMNAGAR, HANAMKONDA, WARANGAL - 506001, State Name : Telangana, Code : 36	<b>Supplier</b> <b>Assure Energy System</b> AES/HYD/INV/281 Buyer's Order No. <b>001</b> Dated <b>28-Jul-2018</b> Dispatch Document No. Delivery Note Date
<b>Buyer (if other than consignee)</b> <b>VISWAMBHARA EDUCATIONAL SOCIETY</b> # 2-2-457/3, RAMNAGAR, HANAMKONDA, WARANGAL - 506001, State Name : Telangana, Code : 36	Despatched through <b>By Vehicle</b> Destination Terms of Delivery <b>CHEQUE NO. 062240</b> <b>AMT: 44,35,200/-</b> <b>DATE: 07-08-2018</b> <b>BANK: STATE BANK OF INDIA</b>

Sl No	Description of Goods and Services	HSN/SAC	GST Rate	Quantity	Rate per	Amount
1	99KWp SOLAR COMPACT SYSTEM	8541	5 %	1 No's	57,48,571.00	57,48,571.00
2	Installation & Commissioning Charges	98199090	18 %			2,54,237.00
						60,02,808.00
	<b>C.GST@2.5%</b>				2.50 %	1,43,714.28
	<b>S.GST@2.5%</b>				2.50 %	1,43,714.28
	<b>C GST@9%</b>				9 %	22,881.33
	<b>S GST@9%</b>				9 %	22,881.33
	<b>Round Off</b>					0.78
	<b>Total</b>			<b>1 No's</b>		<b>₹ 63,36,000.00</b>

Amount Chargeable (in words) **INR Sixty Three Lakh Thirty Six Thousand Only** E. & O E

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
8541	57,48,571.00	2.50%	1,43,714.28	2.50%	1,43,714.28	2,87,428.56
98199090	2,54,237.00	9%	22,881.33	9%	22,881.33	45,762.66
<b>Total</b>	<b>60,02,808.00</b>		<b>1,66,595.61</b>		<b>1,66,595.61</b>	<b>3,33,191.22</b>

Tax Amount (in words) : **INR Three Lakh Thirty Three Thousand One Hundred Ninety One and Twenty Two paise Only**

Company's Service Tax No. : **ADYPN1417BSD001**  
 Company's PAN : **ADYPN1417B**

**Declaration**  
 We declared that the particulars given above are true & correct & the amount indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer Terms & Conditions  
 1) Interest @ 24% per annum will be charged on payment beyond our payment terms  
 2) Subject to Hyderabad Jurisdiction 3 E & O E

Customer's Seal and Signature \_\_\_\_\_

for Assure Energy System  
**Assure Energy System**  
 Authorized Signatory  
 Prepriate  
 Service Tax No:  
**ADYPN1417BD001**

**TIN No: 36527603795**     **H.O.: No.51, Aruna Enclave, Trimulgherry, Secunderabad - 500015**  
**E-mail: assureenergysystem@gmail.com Phone: 040-40145011**  
**B.O.: 8/68, Padmavathi Puram, Thiruchanoor Road, Tirupathi, Andhra Pradesh - 517501**  
**E-mail: assureenergysystem@gmail.com Phone: 9866244157**



**Principal**  
**Vaagdevi College of Pharmacy**  
 Hanamakonda, Warangal-506 001



**VISWAMBHARA EDUCATIONAL SOCIETY**  
**VAAGDEVI COLLEGE OF PHARMACY**  
 (Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
 Ramnagar Dist. Hanamakonda- 506001, (T.S)

GOVERNMENT OF TELANGANA  
 ELECTRICAL INSPECTORATE



From:  
 The Electrical Inspector  
 Hyderabad  
 Stone Building, Mint Compound,  
 Hyderabad 500 063.

Lr.No: EI-HYD/TS/EI Ex. 650V/384/WGL/D.No. 484/19 Dated: 20-02-2019.

Sir

Sub: The Electricity Act, 2003 and Central Electricity Authority (Measures relating to Safety and Electric Supply Regulations 2010 – Installation of Voltage Exceeding 650V of M/s VISWAMBHARA EDUCATIONAL SOCIETY, HANAM KONDA Village, HANAMKONDA Mandal, Warangal (Urban) District Statutory Approval under Section 54 of the Electricity Act-2003 and Regulation 43(4) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations 2010– Accorded.

Ref: 1. Inspection dated: 15-02-2019  
 2. Your letter Received on dated: 20-02-2019.

Under Section 54 of the Electricity Act-2003 and Regulation 43(4) of Central Electricity Authority (Measure relating to Safety and Electric Supply) Regulations, 2010, the following equipment of your Electrical Installation of voltage Exceeding 650V are approved for energisation.

AS PER ANNEXURE ENCLOSED

Under Regulation 43(4) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, any additions or alteration in your above Electrical-Installation shall not be connected to supply until the same are approved in writing by this office and offer for annual inspection under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 every year to the concerned Deputy Electrical Inspector.

Under Regulation 13(4), 46(7) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, you are at all times solely responsible for the maintenance of the above installation in such condition as to be free from danger.

The above approval accorded is without prejudice to the statutory/ mandatory obligations to be fulfilled by you under various other acts and rules as the case may be.

The approval accorded for energizing the electrical equipment is the safety for men and machine from electrical hazards in your installation and ipso facto does not confer any right to be used for any other purpose other than for which the approval is accorded.

The original manufacturer Test certificates of Transformer etc. are accepted and returned.

Yours faithfully

ELECTRICAL INSPECTOR  
 HYDERABAD

Encl: Test Certificates & List of Load Particulars

- 1) Copy to the Divisional Engineer/Operation/TSNPDCI, Warangal. The date of release of supply may be intimated to Deputy Electrical Inspector, Warangal, Sub-Division
- 2) Copy to the Deputy Electrical Inspector, Warangal Sub-Division along with enclosures.



*[Handwritten Signature]*  
 Principal  
 Vaagdevi College of Pharmacy  
 Hanamkonda, Warangal-506 001



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 Ramnagar Dist. Hanamakonda- 506001. (T.S)

ANNEXURE TO LR.NO.EI/HYD/TS/HT/MD/TWSL/D.NO. 487/18, DT: 18-02-2019.

M/s VISWAMBHARA EDUCATIONAL SOCIETY

HANAM KONDA Village, HANAMKONDA Mandal, Warangal (Urban) District.

Particulars of Equipment	Existing Load Capacity/Voltage Ratio	Additional Load Capacity/Voltage Ratio	Deleted Load Capacity/Voltage Ratio	Total Load
<b>TRANSFORMERS</b>				
TRANSFORMER	CAP:160 KVA,11000/433 V MAKE:VVE S.NO:V-15351	NIL	NIL	CAP:160 KVA,11000/433 V MAKE:VVE S.NO:V-15351
H.T.S.F.U	CAP:630 A,12 KV MAKE:MEGAWIN S.NO:2010427	NIL	NIL	CAP:630 A,12 KV MAKE:MEGAWIN S.NO:2010427
<b>GENERATORS</b>				
GENERATORS	1. CAP:125 KVA,415 V MAKE:MAHINDHRA S.NO:0910 RP 0500	NIL	NIL	1. CAP:125 KVA,415 V MAKE:MAHINDHRA S.NO:0910 RP 0500
<b>SOLAR INSTALLATION</b>				
1. SOLAR INVERTERS	NIL	1. CAP:60 KW,415 V MAKE:DELTA S.NO:04C18802974WN 2. CAP:30 KW,415 V MAKE:DELTA S.NO:01Y18906291W9	NIL	1. CAP:60 KW,415 V MAKE:DELTA S.NO:04C18802974WN 2. CAP:30 KW,415 V MAKE:DELTA S.NO:01Y18906291W9
2. SOLAR MODULES	NIL	309 No's x 325Wp = 100.4KWp	NIL	309 No's x 325Wp = 100.4KWp
<b>M.V.LOADS</b>				
1. MOTORS	5 HP,415V.	NIL	NIL	5 HP,415V.
2. CAPACITORS	90 KVAR,415V.	NIL	NIL	90 KVAR,415V.
<b>L.V.LOADS</b>				
1. LIGHTING LOAD	70.40 KW,230V.	NIL	NIL	70.40 KW,230V.
2. LV LOAD	94.04 KW,230V.	NIL	NIL	94.04 KW,230V.

ELECTRICAL INSPECTOR  
 HYDERABAD



*Principal*  
**Vaagdevi College of Pharmacy**  
 Hanamakonda, Warangal-506 001



VISWAMBHARA EDUCATIONAL SOCIETY

## VAAGDEVI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001, (T.S)

### NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

From  
Divisional Engineer,  
Operation, Hanamakonda Town.

To  
Vishwambhara Educational Society,  
Lashkar Singaram, Nainnagar

Lr.No DEE/OP/HNK T/AE/COML/F.No. Solar Roof Top/D.No. 627 /18, Dt:15.12.2018.

Sir,

Sub:- Electy. - Operation - Division- HNK T- Installation of 100KW Solar Top SPV Generator - Vishwambhara Education Society, Sc.No. WLU-078, (WGL-127), HT Cat-II, Lashkar Singaram, Nainnagar Section in Hanamakonda Sub division -Feasibility issued-Reg.


Ref:- 1) Memo.No. CGM (IPC&RAC)/ GM(PIR) /DE(IPC) /ADE(IPC) /F:/D.No.156/17, dt:25.05.2017  
2) Online Registration No. SNM-90000170, dt: 03.12.2018.

In the reference 2<sup>nd</sup> cited above, an application for Installation of 100KW Solar Top SPV Generator to Vishwambhara Education Society, Sc.No. WLU-078, (WGL-127), HT Cat II, Lashkar Singaram, Nainnagar Section in Hanamakonda Sub-division is registered through online. The service is inspected and found feasible.

Hence feasibility is approved vide Solar Roof -Top SRT No. 02 /18-19, Dt:15.12.2018, which is valid for a period of four Months

You are further requested to approach this office with relevant documents (Meter, SPV modules, Grid Tie Inverter, Protective System) after completion of installation of SPV Generator and obtaining CEIG Approval, for further processing.

Yours Faithfully,

  
Divisional Engineer  
Operation, TSNPDCL  
Hanamakonda Town

Copy to the Asst. Divisional Engineer, Distribution, Hanamakonda.

Copy submitted to the Superintending Engineer, Operation, Warangal Urban.



  
Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001





VISWAMBHARA EDUCATIONAL SOCIETY  
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Ramnagar Dist. Hanamakonda- 506001, (T.S)



**Plant Yearly Report**

**Client Name:** Assure Energy

**Plant Name:** Vaagdevi College of Pharmacy

Plant Capacity(DC):	100.42	kWp
Plant Capacity(AC):	99	kW
Total Energy Generated:	68046.42	kWh
Specific Yield Energy:	1.86	kWh/kWp
Performance Ratio:	0	%
CUF:	7.85	%

Date	TotalYield[kWh]	Inverter1[kWh]	Inverter2 [kWh]
Jun-22	2,683.61	1,811.23	872.38
Jul-22	10,668.37	7,142.14	3,526.23
Aug-22	10,808.22	7,245.51	3,562.71
Sep-22	10,922.10	7,354.82	3,567.28
Oct-22	14,152.04	9,523.82	4,628.22
Nov-22	10,236.31	6,917.37	3,318.94
Dec-22	11,080.94	7,456.37	3,624.57




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(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist., Hanamakonda- 506001, (T.S)

 Smarter. Greener. Together.			
Plant Yearly Report			
<b>Client Name:</b>	Assure Energy		
<b>Plant Name:</b>	Vaagdevi College		
<b>Plant Capacity(DC):</b>	100.42	kWp	
<b>Plant Capacity(AC):</b>	99	kW	
<b>Total Energy Generated:</b>	71588.4	kWh	
<b>Specific Yield Energy:</b>	3.67	kWh/kWp	
<b>Performance Ratio:</b>	0	%	
<b>CUF:</b>	8.25	%	
Date	Total Yield[kWh]	Inverter1[kWh]	Inverter2[kWh]
Jan-23	11,146.76	7,584.32	3,562.44
Feb-23	12,410.12	8,614.85	3,795.27
Mar-23	13,541.70	9,324.36	4,217.34
Apr-23	12,823.54	8,611.27	4,212.27
May-23	13,284.62	8,892.35	4,392.27
Jun-23	8,396.55	5,614.39	2,782.16





Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001