



**Administrative Office:**

Ist Phase, J.P. Nagar, Bangalore-560 078.  
Ph: 080-26659532, 61754501/02 Fax : 080 – 26548658

**THE OXFORD DENTAL COLLEGE**

**Accredited with 'A' grade by NAAC**

(Recognised by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences,  
Karnataka & Recognised by Dental Council of India, New Delhi)  
Bommanahalli, Hosur Road, Bangalore – 560 068.

Ph: 080-61754680 Fax : 080 – 61754693

E-mail: deandirectortodc@gmail.com Website: [www.theoxford.edu](http://www.theoxford.edu)

The Institution has facilities for alternate sources of energy and energy conservation devices

**DOCUMENT 2: INSTALLATION RECEIPTS**

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**PRINCIPAL**  
The Oxford Dental College  
Bommanahalli, Hosur Road,  
Bangalore - 560 068.



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**SUMMARY:**

Our institution has embraced alternate sources of energy and adopted energy conservation measures recognizing the importance of conservation of the same. In order to save energy, the institution has been replacing the traditional tube lights with LED lights in the past year.

Solar panels have been installed in the campus which has also ensured a significant reduction in power consumption. A total of 616 modules have been installed in the college, and the total capacity is 202kWp. The total power requirement of the college is 470kva. The power allotted is 490kva. The power from the solar energy sources used by the institute is 220 Kva is which amounts to 48.6 % of total power consumption.





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Format - G

**Bangalore Electricity Supply Company Limited**  
*(Wholly owned Government of Karnataka undertaking)*

**Commissioning report of SRTPV system (Net / Gross metering)**

A Consumer Details		B Meter Details	
1 Name of the Consumer	M/s Children Educational Society	Bi-directional Meter	
2 Category	HTT252	Check	Solar meter
3 RR No./Account ID/Connection ID	SRIT700	Main Meter	
4 Pole Number		L&T, 3ph	L&T, 3PB
			GENUS
		ERP300P	ERP300P
			RTV Meter
1 Meter make: 1ph / 3 ph		18059030	18072449
2 Type			3088873
3 Serial number		1A, 53.5V	1A, 53.5V
4 Capacity		5A	
5 Meter constant		MC= 3.500	MC= 3.500
6 Initial reading (Prt vector parameters)			
i) Import	0.260	0.180	0.0
ii) Export	0.090	0.070	0.0

**Note:**  
1. The Bi-directional meter records solar generation and existing meter records installation consumption in case of Gross metering.  
2. The Bi-directional meter records export of solar energy to grid and import of energy by the installation. Existing meter records the total solar energy generated.

C Grid Tied Inverter	
1 Make	SMA
2 Serial number	20050614118A010019-01 20050614118A020519-01 20050614118A022419-01 20050614118A012819-01
3 Capacity	
4 Input voltage	50KW
5 Output voltage	1000V
6 Whether Anti-islanding feature is in working condition	415V Yes
D PV Module	
1 Make	TRINA SOLAR
2 Serial number	List attached
3 Type of module	MULTI CRYSTALLINE
4 Capacity of each module	320WP/160 modules 330WP/ 456 modules
5 Number of modules	616
6 Total capacity of module	202 kWp
E Earthing verified: DC earthing, AC earthing, LA earthing of SRTPV system	Yes
F Details of protective system available	AC & DC DB: Yes Manual switch solar side: Yes Relay operated automatic switch at net-meter side: Yes
G CRI, Gok/AEE, BESCOM inspection & approval letter obtained	Yes
H Work completion report of SRTPV system obtained from agency	Yes
I Date of synchronising with BESCOM grid	04.02.2018

The input and output readings of main meter checked meter run from 06:00 hrs on 02.02.2018 before commissioning of the Solar PV system to the favour of grid. Number of kWh exports and capacity of Solar PV system to be ascertained at your end after commissioning of the grid.

Dated: 02/02/2018  
 S/D/Div. - BSCOM  
 Assistant Executive Engineer (Eic)  
 SS Subdivision BESCOM,  
 Kudla Gate, Bangalore - 560068  
 Date: 02/02/2018  
 Signature of Consumer

c) Pre – commissioning letter

**BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED**  
*(Wholly Owned by Government of Karnataka Undertaking)*

No: AEE/SB/AET/18-19/17.1  
Date: 02/02/2018

Office of the  
Assistant Executive Engineer (Eic)  
SS Subdivision BESCOM,  
Kudla Gate, Bangalore - 560068  
Date: 02/02/2018

To,  
The Asst. Executive Engineer (Eic-)  
MF Division, BMAZ, BESCOM  
HBR layout  
Bangalore-560102

Sr.,

SUB: Pre-Commissioning & Synchronization of SRTPV system-REG  
Ref: Approval Letter no:AEE/SB/AET/18-19/995 DTD:04.10.2018

With reference to the above, I request your kind self to arrange to depute your staff for commissioning & synchronization of Solar Roof Top PV system of 202kWp to installation bearing RR No. SRIT700 in favour of Children Educational society, Oxford college, Hongasandra, Bommanahalli pertaining to Hongasandra O&M of SS Sub Division.

The Applicant has paid facilitation fees of Rs. 5000/-, Registration fee.2000/- including tax vide transaction no: 610812072892 Date:25-09.2018 and submitted work completion report and test certificate. The entire file along with test certificate and work completion report are enclosed here with for your kind reference & further needful.

Yours Faithfully,

Assistant Executive Engineer (Eic)  
 SS Subdivision BESCOM,  
 Kudla Gate, Bangalore - 560068

d) Payment receipt









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