Jyothi Engineering College

NAAC Accredited College with NBR Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O, CHERUTHURUTHY, THRISSUR. PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777

NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

CREATING TECHNOLOGY LEADERS OF TOMORROW
ESTD 2002
LEAD KINDLY LIGHT

Test Report for Solar Plant Installation

(In duplicate)

Name of Section : Cheruthuruthy

Date: 16/07/2019

Name of Division : Wadakkanchery 16/07/2019

Consumer Particulars

Name and address of the solar plant owner: Jyothy Engineering College,

Solar Plant Identification Number (SPIN), if required ....

Capacity of Solar Plant ... 60 kW

Consumer Number: HT/ 13569 2 000 1862

Connected load 120 kVA (CD) 715:54169 Consumer category HT(I)(B)

Voltage and number of Phases: AVRN B 11 kV 3phase

Details of relay and functionality tests conducted

Particulars	Test Values				
	R	Y	B		
Phase Unbalance	232	232	232		
Harmonics (Voltage) THD	2.3	2.3	2.3		
Third	0.1	0.4	0.5		
Fifth	0.4	0.3	0.3		
Seventh	1.5	1.5	1.5		
Harmonics (Currents) THD	3.2	3.1	3.1		
Third	0.9	0.5	0.5		
Fifth	1.0	0.8	0.8		
Seventh	0.7	0.7	0.7		
Direct Current injection	—				
Flicker (Pst)	0.28	0.25	0.25		
Anti Islanding	Ok				
Correctness of status indicators (Including that of manually operated isolator switch)	Verified and found the settings OK.				

Name and Signature of Authorised Testing Agency : APTS Unit, Thrissur.

16/07/2019

Assistant Executive Engineer,

APTS Unit, Thrissur

Name and Signature of Applicant

Witnessed by :

Name, Signature & Seal of the Assistant Executive Engineer :

Copy Received m 09/10/19

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
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