

# COMMENT SHEET

<b>DOC. NO.</b>	<b>A415</b>		
	<b>JOB NO.</b>	<b>TR. NO.</b>	<b>S.NO</b>

PROJECT: 60kWp ROOFTOP SOLAR PROJECT  
 CLIENT: M/s CHENNAI PERTROLIUM CORPORATION LIMITED  
 CONTRACTOR:  
 EIL VPTL No.: A415/

SL. NO.	COMMENT/ OBSERVATION	RESOLUTION/ ACTION
<b>1.0</b>	<b>Document No. : Battery Bank Capacity Calculations, INVERTER</b> <b>Document No. : NIL</b> <b>Review Code : Retained for reference and records with following comments</b>	
1.1	In line with clause 5.2.1.1 of EIL specification 6-51-0019, Each charger shall be sized for the most stringent of the following duty conditions, whichever is higher: Criterion 1 : Offline quick charging of the battery : 0.2xAH of 1 battery (for VRLA battery) Offline float charging of both the batteries : Criterion 2 : Charger rating in Amps. = 1.15 x Average DC load + float charging current (Average DC load = Area under the battery duty cycle/ battery duty cycle duration). As per above criterion 2, battery charger rating required comes out to be more. Please check value of trickle charging of battery as 8% appears to be too large. Please revise accordingly	Here we taken trickle voltage 8 % for charging up at first time.
1.2	Technical datasheet Solar Inverter (Make: Thea )	Already Submitted and published from M/s EIL 15 <sup>th</sup> Jan 2021
1.3	Please refer undertaking regarding the PTR and note the following : a) As proper PTR has not been furnished and also 12V block cell is being used, please offer extended warranty without any cost and time implication. b) Please revise the last line 'with time implication 'to 'without any time implication".	Furnished PTR already submitted

**NOTE: VENDOR IS OBLIGED TO FURNISH THIS SHEET (DULY FILLED UP WITH RESOLUTION TO ALL EIL COMMENTS) ALONGWITH REVISED DRAWINGS**

**DOCUMENT REVIEW DETAILS**

1 No Comments.

2 Proceed with manufacture / fabrication as per the commented document. Revised document required.

3 Document does not conform to basic requirements as marked. Resubmit for review.

R Retained for Records  Void.

**Comments By: (SIGN/ DATE):**

Signature with Date **Department : Electrical 27.01.2021** **Name: RASHMI SINGH**

Name of Reviewer **MANISH SINGHAL (C795)**

Transmittal No. \_\_\_\_\_ **ENGINEERS INDIA LIMITED, NEW DELHI**