

**CENTRAL POWER RESEARCH INSTITUTE**  
(Member of STL)



**TEST REPORT**

**Test Report Number** : CPRI BLSCL23T1176      **Date:** 30 August 2023

**Name and Address of the Customer** : M/s. Siemens Limited,  
RC-IN SE GP G INP IST-OPS P BOP,  
Opp. Makarpura Railway Station,  
Vadodara – 390 013, Gujarat, India.

**Name and Address of the Manufacturer** : M/s. Green Secure Energy Systems,  
#9, Sri Lakshmi Industrial Estate,  
Thigalarapalya Main Road, Peenya 2<sup>nd</sup> Stage,  
Bengaluru – 560 058, Karnataka, India.

**Particulars of sample tested** : 12 kV 524.87 A HT Panel (LASCPT & CT Panel)

**Type** : Indoor

**Description of the sample** : Refer Sheet 2 of 7

**Serial Number** : GSS-21-22-032-LASCPT

**Number of samples tested** : One

**Date (s) of Test (s)** : 21 August 2023

**CPRI sample code no(s)** : SCL23S1030

**Particulars of tests conducted** : Short-time withstand current and peak withstand current tests on main circuit

**Test in accordance with Standard / specification** : Subclause 7.6 a) of IEC 62271-200:2021 & IEC 62271-1:2017 with Amendment 1: 2021

**Sampling plan** : Not applicable

**Customer's requirement** : 45 kA rms for 3.0 s & 112.5 kA peak on main circuit only

**Deviations if any** : Nil

**Name of the witnessing persons**

**Customer's representatives** : None

**Other than customer's representatives** : Mr. Bhaskar, Manager – Panel Division,  
M/s. Green Secure Energy Systems, Bengaluru.

**Test subcontracted with**

**Address of the laboratory** : None

**Documents constituting this report (in words)**

**Number of Sheet(s)** : Seven


**Number of Oscillograms(s)** : One

**Number of Graph(s)** : Nil


**Number of Photo(s)** : Four

**Number of Test Circuit Diagram(s)** : One

**Number of Drawing(s)** : Four

  
(Sakthivel. P)  
Test Engineer



  
(Swaraj Kumar Das)  
Head of Division  
Reviewed and Authorized by