

RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

(An ISO : 9001-2008 Certified Company)

OFFICE OF THE EXECUTIVE ENGINEER (T&C)

RRVNL, HANUMANGARH (RAJ.)

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Full Title of the Project : “Construction of 220 KV S/C Suratgarh - Padampur Transmission Line, District-Sri Ganganagar (Raj.)”.

File No. : FP/RJ/TRANS/30091/2017

Date of Proposal : 06/11/2017

JUSTIFICATION OF 220 KV S/C SURATGARH - PADAMPUR

Normal feeding arrangement of 132 kV GSS Padampur (50 MVA Capacity), Raisingnagar (37.5 MVA Capacity) & Srikananpur (25 MVA Capacity) is from 220 kV GSS Suratgarh is 50 km long 132 kV S/C Suratgarh-Padampur line.


54 MW Peak load has been recorded on 132 kV S/C Suratgarh-Padampur line. Load of 132 kV GSS Sri Ganganagar is also fed from 132 kV GSS Padampur under some contingency conditions & under such system conditions, 80 MW Peak load has been recorded on 132 kV S/C Suratgarh-Padampur line.

The commissioning of 220 kV S/C Suratgarh – Padampur line has helped in feeding load centres, reducing the overloading of existing 132 kV S/C Suratgarh – Padampur line and the system losses will also reduce.

Place: Hanumangarh

Date: 28/07/2018

Name: Er. H. R. Bamanian


(Er. H.R. Bamanian)
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