

हिमाचल प्रदेश ऊर्जा निगम

शिमला



शौंगटोंग-करच्छम (पोवारी-रल्ली)

जल विद्युत परियोजना (402 मै0 वा0)

पुनर्वास

एवं

पुनःस्थापन योजना

113

**SHONGTONG-KARCHHAM (POWARI-RALLI) HYDRO ELECTRIC  
PROJECT (402 MW)  
SALIENT FEATURES**

**LOCATION**

State	Himachal Pradesh
District	Kinnaur
River	Satluj
Vicinity	Diversion Barrage Site near Village Powari & Power House site near Village Ralli on NH-22 about 200 Km from Shimla (HP).

**HYDROLOGY**

Catchment area at barrage axis.	53792 Sq Km
Maximum observed discharge.	1666 cumecs.
Design flood	4050 cumecs.
Average runoff in 90% dependable year	59862 MM <sup>3</sup>
Average runoff in 50% mean year	87253 MM <sup>3</sup>
50% availability	130 cumecs.
Percent age availability corresponding to Design discharge of 371 cumecs	27%

**DIVERSION BARRAGE**

Type	Slopping Glacis
Size	241.5m(L)& 102.5m(W).
Water Bay	102.5 m
Top level of Barrage	EI. 1958.00 m.
Full reservoir level	EI. 1956.00 m.
Maximum pond level	EI. 1956.00 m.

