

Parbati Hydroelectric Project



Project:	Parbati Hydroelectric Project, Himachal Pradesh
Details:	The project is located in the hilly terrain of Kullu.
Challenge:	During construction of the power house a portion of the slope behind the power house collapsed. The slopes were to be stabilized To prevent further landslides and caving.
Solution:	A system of prestressed anchors and rods was devised to stabilize the slopes. Freyssinet 12K13 tendons were used. Shortcreting was done on the slopes after anchoring of the tendons to prevent damage to the slopes due to water. A total area of 90 meter x 175 meter was stabilized in this manner.