

LOCATION		YEARS	
Guatemala		PROFESIONAL SERVICES	CONSTRUCTION (If applicable)
		2009	2009
PROJECT OWNER INFORMATION			
a. PROJECT OWNER	b. CONTACT	c. CONTACT PHONE NUMBER	
Hidro Xacbal, S. A.	Ing. Amilcar González	+502-2328-4700	
PROJECT REPORT (Reach, Size and Cost)			

Project Background – Xacbal Hydroelectric Project is a run of the river generation plant located on the Chajul municipality of the Quiché department. The plant has an installed power capacity for 94 MW and 486 GWh / year energy production capacity. Up to day (2009) is the biggest privately owned generation project in the country. The area of the project is a region with a complicated topography and low economic development, the project has helped the area creating jobs and improving roads and bridges. As part of the project, so turbines and generators could be transported to site one bridge had to be built and other two had to be reinforced to support 120 tons.

Project Key Elements

- Bridge Construction
- Steel Structures
- Bridge Reinforcement

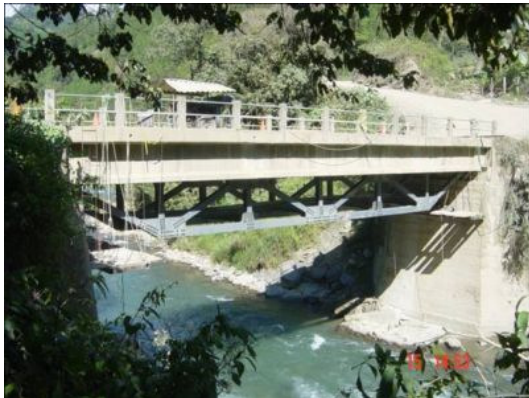


Figure 1: Chajul-Panchita Bridge Reinforcement

Steel Structures- A new bridge was constructed using steel and two other were reinforced, the three projects were done in a record time. The Panchita bridge was built in two months.

Construction – Construction took complicated crane maneuvers, specially with the Chajul-Panchita bridge where steel joists were mounted under the existing bridge.



Figure 2: Panchita Bridge