

CHEVES Hydropower Project Supplemental Environmental and Social Action Plan

	Actions / Deliverables	Indicator	Deadline / Benchmark
1	Develop a <u>Human Resources Policy for Cheves S.A.</u> in line with Peruvian regulations and IFC's PS2	Human Resources Policy for Cheves S.A	Before First Disbursement
2	Contractor's <u>ESHS Implementation Procedures for Transmission Line</u> in scope and detail sufficient to allow verification of how compliance with the CHEVES ESHS Framework and IFC's PSs will be achieved.	ESHS Implementation Procedures for Transmission Line in form and substance acceptable to the Lenders.	Before First Disbursement
3	Prepare a detailed <u>Participatory Monitoring Program</u> to monitor, in cooperation with representatives of the directly affected communities and other interested parties, potential impacts on thermal waters in the project's area of influence during construction and operation, as appropriate.	Participatory Monitoring Program in form and substance acceptable to the Lenders.	Before First Disbursement
4	Conduct an <u>Upstream Dams Safety Assessment</u> : A risk analysis contemplating the consequences and probability of failure of upstream dams should be conducted. This should model the potential effect of downstream flood waves resulting from upstream dam failures on the project's hydraulic structures. Current status of upstream dam maintenance and conditions of operation should be verified. Design floods considered in upstream dam engineering should also be checked. Risk management strategies should be proposed where appropriate	Upstream Dams Safety Assessment in form and substance acceptable to the Lenders	Before First Disbursement
5	Develop an <u>Ecological Flow Management Plan for Operations</u> that should cover the reduced flow reaches as well as those that will receive peaking discharges upstream of the Picunche dam. Monitored parameters should include water quality, fish and aquatic organisms and impacts on current water users (02 reported) along the reduced flow reach. Conditions immediately upstream and downstream of the three project dams should also be monitored. This Plan should propose a robust aquatic monitoring protocol to better assess the significance of the potential degradation caused by the reduced flows, and propose potential mitigation, compensation and offset measures to guarantee no net-loss, especially in light of the complete conversion of the 10-km segment from the tailrace to the compensation reservoir.	Ecological Flow Management Plan for Operations in form and substance acceptable to the Lenders.	Before First Disbursement
6	Develop the <u>ESHS Management System</u> for the Project's operation phase aligned with IFC's PSs. The ESHS-MS must include at least environmental management, health and safety management, labor management, security management and community safety; as well as (i) Operation phase contingency plans including earthquakes, mud slides (<i>huaycos</i>), extraordinary floods and dam failure events, and (ii) a detailed procedure to warn the downstream population before discharges take place during peaking operations should be proposed for the Huaura River segment between the tailrace tunnel discharge and the Picunche dam.	ESHS Management System Manual and stand alone Contingency Plans and Warning Procedure in form and substance acceptable to the Lenders.	Condition of Project Completion / At least 6 months before beginning of commercial operations