



Project Summary Information

Date of Document Updating: February 1, 2024	
Project Name	Second Dam Rehabilitation and Improvement Project
Project Number	P000449
AIIB member	Republic of India
Sector/Subsector	Water / Water Resources Management
Status of Financing	Approved
Project Description	<p>The project focuses on (i) upgrading and modernizing dam operation and maintenance, with accompanying institutional strengthening for safe and financially sustainable dam operations; and (ii) physical and technical dam rehabilitation and improvement. The project will comprise five components:</p> <ul style="list-style-type: none"> - Component 1: Rehabilitation and management planning for dams and associated appurtenances - Component 2: Dam safety institutional strengthening - Component 3: Risk-informed asset management and innovative financing for sustainable operation and maintenance of dams - Component 4: Project management - Component 5: Contingent emergency response
Objective	To increase the safety of selected dams in participating States and to strengthen dam safety management in India
Expected Results	<ol style="list-style-type: none"> 1. Increase the safety of selected dams in participating States <ul style="list-style-type: none"> • Dams with satisfactory post-intervention inspection by an independent Dam Safety Review Panel • Dams with an Emergency Action Plan prepared in consultation with communities and disseminated 2. Strengthen dam safety management <ul style="list-style-type: none"> • States with improved score in Institutional Modernization Index
Environmental and Social Category	World Bank (WB) Category High Risk (equivalent to Category A if AIIB's ESP were applicable)

Environmental and Social Information	<p>The project will be co-financed with the WB as lead co-financier, and the project's environmental and social (ES) risks and impacts have been assessed in accordance with the WB's Environmental and Social Framework (ESF). To ensure a harmonized approach to addressing the ES risks and impacts of the project, and as permitted under AIIB's Environmental and Social Policy (ESP), the WB's ESF will apply to the project in lieu of AIIB's ESP. AIIB has reviewed the WB's ESF and is satisfied that: (i) it is consistent with AIIB's Articles of Agreement and materially consistent with the provisions of AIIB's ESP, including the relevant ES Standards; and (ii) the monitoring procedures that are in place are appropriate for the project. The WB has categorized the ES risks of the project as High, which is equivalent to Category A if AIIB's ESP were applicable. To address ES challenges that vary in nature but are not known at this stage, an Environmental and Social Management Framework (ESMF), Environmental and Social Commitment Plan (ESCP), Stakeholder Engagement Framework (SEF) and Environmental and Social Due Diligence (ESDD) Reports for the project have been prepared and disclosed in English on the Government of India's website¹ These documents or at least summary of those documents will be prepared and translated into local language and be disclosed in a timely manner. Other ES documents, as required by World Bank's ESF will be prepared and disclosed both in English and local language in an appropriate manner. Links to the ESMF, ESCP, SEF and ESDD have been disclosed on the AIIB's website² as well.</p> <p>The project is expected to cover many existing dams across various States in India with varying geographical conditions and environmental and social sensitivities. As per the ESMF, all low to moderate risk sub-projects will be addressed through a standard Environmental and Social Management Plan (ESMP) with relevant ES guidelines, but detailed Environmental and Social Impact Assessments (ESIAs) will be undertaken for all sub-projects categorized as substantial to high risk and ESMPs will also be prepared and be disclosed together with ESIAs. Additional risks relate to social, legacy issues, physical and economic displacement, cultural heritage, as well as labor and sexual exploitation and abuse/sexual harassment (SEA/SH), those will be managed through implementation of ESMP and resettlement action plans (RAPs) and other ES instruments those are prepared and implemented in accordance with the WB's ESF. Similarly, dam investments could potentially be located in areas with significant tribal presence, in which case Tribal People's Plans will be prepared and implemented in accordance with the WB's ESF.</p> <p>Dam safety assessments as well as design and construction supervision of rehabilitation/safety enhancement works will be undertaken by qualified experts. The results of dam safety/risk assessments as well as adequacy of proposed remedial</p>
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¹ https://damsafety.in/index.php?lang=&page=ESMF_DRIPII&origin=front-end&tp=1

² <https://www.aiib.org/en/projects/details/2022/approved/India-Second-Dam-Rehabilitation-and-Improvement-Project.html>

	<p>works and quality of construction works will be periodically reviewed by independent Dam Safety Review Panels (DSRPs) that have been established by the participating States and other Project Implementing Entities (PIEs). These DSRPs will have technical as well as safety (including safeguards) oversight of the project works.</p> <p>Under the WB's Operational Policy (OP) 7.50, Projects on International Waterways, the IBRD conducted an assessment which concluded that the Project will not involve activities that would extract water from the tributaries in excess of the capacity of the existing dams as originally designed, and that the Project will not adversely change the quality or quantity of water flows to the other riparian and will not be adversely affected by the other riparian's possible water use. On this basis, an exception to the riparian notification requirement under the WB's OP 7.50 was obtained by the IBRD. AIIB is satisfied with the IBRD's assessment capacity and process, and with this assessment.</p> <p>A grievance redress mechanism (GRM) shall be developed use by external stakeholders to address the matters related to E&S issues. As the GRM works within existing legal and cultural frameworks, it is recognized that the GRM shall comprise project-level GRM and subproject-level GRMs. The information of established GRMs including GRS and IAM of the World Bank will need to be disseminated timely to the local communities of the Project and subprojects.</p>												
Cost and Financing Plan	<table border="1"> <thead> <tr> <th data-bbox="504 777 909 810">Financing source</th> <th data-bbox="918 777 1626 810">Million USD</th> </tr> </thead> <tbody> <tr> <td data-bbox="504 810 918 850">AIIB</td> <td data-bbox="918 810 1626 850">250.0</td> </tr> <tr> <td data-bbox="504 850 918 890">World Bank (IBRD)</td> <td data-bbox="918 850 1626 890">250.0</td> </tr> <tr> <td data-bbox="504 890 918 930">Counterpart funding</td> <td data-bbox="918 890 1626 930">213.41</td> </tr> <tr> <td data-bbox="504 930 918 970">Total Project Cost</td> <td data-bbox="918 930 1626 970">713.41</td> </tr> </tbody> </table>	Financing source	Million USD	AIIB	250.0	World Bank (IBRD)	250.0	Counterpart funding	213.41	Total Project Cost	713.41		
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Borrower	Republic of India												
Implementing Entity	Ministry of Jal Shakti State of Gujarat State of Kerala Kerala State Electricity Board State of Madhya Pradesh State of Manipur State of Chhattisgarh State of Tamil Nadu State of Rajasthan State of Meghalaya Meghalaya Power Generation Corporation Limited												

	Tamil Nadu Generation and Distribution Corporation Limited State of Odisha State of Maharashtra		
Estimated date of loan closing	December 2027		
Contact Points	AIB	World Bank	Borrower
Name	Rajesh Yadav	Chabungbam Rajagopal Singh	Prasanna V. Salian
Title	Senior Investment Operations Specialist - Water	Senior Water Resources Specialist	Deputy Secretary, Department of Economic Affairs, Ministry of Finance
Email Address	rajesh.yadav@aiib.org	csingh5@worldbank.org	pv.salian@nic.in
Date of Concept Decision	October 20, 2020		
Date of Appraisal Decision	November 25, 2020		
Date of Financing Approval	March 24, 2022		

Independent Accountability Mechanism	<p>As noted above, the WB's ESF will apply to this project instead of AIIB's ESP. Pursuant to AIIB's agreement with the WB, AIIB will rely on the WB's corporate Grievance Redress Service (GRS) and its independent accountability mechanism, the Inspection Panel (IP), to handle complaints relating to ES issues that may arise under the project. Consequently, in accordance with AIIB's Policy on the Project-affected People's Mechanism (PPM), submissions to the PPM under this Project will not be eligible for consideration by the PPM. Information on WB's corporate GRS is available at http://www.worldbank.org/en/projects-operations/products-and-services/grievance-redress-service.</p> <p>Information on WB's Inspection Panel is available at http://www.inspectionpanel.org.</p>
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