



## Tina River Hydropower Development Project (P161319)

EAST ASIA AND PACIFIC | Solomon Islands | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2017 | Seq No: 7 | ARCHIVED on 21-Dec-2020 | ISR43389 |

Implementing Agencies: Solomon Islands, Solomon Islands Ministry of Mines, Energy and Rural Electrification, Solomon Islands Electricity Authority, Tina Hydropower Limited

**Key Dates****Key Project Dates**

Bank Approval Date: 20-Jun-2017

Effectiveness Date: 09-Mar-2016

Planned Mid Term Review Date: 01-Mar-2022

Actual Mid-Term Review Date:

Original Closing Date: 15-Dec-2025

Revised Closing Date: 15-Dec-2025

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The project development objective (PDO) is to increase the share of renewable energy through hydropower in Solomon Islands.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

**Components Table**

Name
Component 1: Tina River Hydropower Facility (HPF):(Cost \$187.06 M)
Component 2: Access Roads:(Cost \$25.00 M)
Component 3: Transmission lines:(Cost \$22.82 M)
Component 4: Technical Assistance:(Cost \$7.00 M)

**Overall Ratings**

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<span style="color: orange;">□</span> Moderately Satisfactory	<span style="color: orange;">□</span> Moderately Satisfactory
Overall Implementation Progress (IP)	<span style="color: orange;">□</span> Moderately Satisfactory	<span style="color: red;">□</span> Moderately Unsatisfactory
Overall Risk Rating	<span style="color: red;">□</span> High	<span style="color: red;">□</span> High

**Implementation Status and Key Decisions**

The Power Purchase Agreement (PPA) and other key agreements including the Government Guarantee Agreement (GGA) and the Implementation Agreement (IA) were signed on December 6, 2018. IDA and Government of Australia's financing agreements were also signed on December 6, 2018 and made effective on December 19, 2018. The parties to the PPA, GGA and IA – the Solomon Islands Government (SIG), the Project Company - Tina Hydropower Limited (THL), and the Solomon Islands Electricity Authority (SIEA) trading as Solomon Power – over the course of 12 months satisfied the conditions precedent to the PPA, GGA and IA and the PPA was Closed successfully on December 12, 2019. Commencement of construction of the Access Road was due to start in March 2020 but has been delayed due to delays to finalize the Construction stage Environmental and Social Management Plans and the detailed design of the Access Road. Moreover, the mobilization of THL's Engineering, Procurement and Construction (EPC) contractor full engineering team on site has been impacted by the global travel restrictions as a result of COVID-19.



## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	□ Moderate	□ Moderate	□ Moderate
Macroeconomic	□ Low	□ Low	□ Low
Sector Strategies and Policies	□ Moderate	□ Low	□ Low
Technical Design of Project or Program	□ High	□ High	□ High
Institutional Capacity for Implementation and Sustainability	□ Substantial	□ Substantial	□ Substantial
Fiduciary	□ Substantial	□ Substantial	□ Substantial
Environment and Social	□ High	□ High	□ High
Stakeholders	□ Substantial	□ Substantial	□ Substantial
Other	--	□ Moderate	□ Moderate
Overall	□ High	□ High	□ High

## Results

### PDO Indicators by Objectives / Outcomes

Generation capacity of energy constructed or rehabilitated (Megawatt, Corporate)				
▶ Electricity generated by the Project (Gigawatt-hour (GWh), Custom) (Gigawatt-hour (GWh), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	78.35
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	15-Dec-2025
▶ Hydropower generation capacity constructed under the project (Megawatt, Corporate Breakdown) (Megawatt, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	15.00
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	15-Dec-2025



► Share of hydropower in the generation mix (Percentage, Custom) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	68.00
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	15-Dec-2025

### Overall Comments

Construction of the hydropower facility is due to commence from 2021.

### Intermediate Results Indicators by Components

Component 1: Tina River Hydropower Facility (HPF)				
► Net greenhouse gas (GHG) reduction (tCO <sub>2</sub> -eq per year) (Tones/year, Custom) (Tones/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	49,500.00
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	15-Dec-2025
Comments:	Construction of the hydropower facility is due to commence from 2021.			
► Private Capital Mobilized (Amount(USD), Custom (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5,087,540.00	5,087,540.00	10,800,000.00
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	15-Dec-2025
Comments:	Equity will be progressively contributed throughout project implementation.			
► Fuel savings (million liters per year) (Liters (Million), Custom) (Liters (Million), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	18.00
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	15-Dec-2025
Component 2: Access Roads				



► Roads constructed, Rural (Kilometers, Custom) (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	18.70
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	31-Dec-2020
Comments:	Commencement of the construction of the access road is delayed.			

Component 3: Transmission lines				
► Transmission lines constructed or rehabilitated under the project (Kilometers, Custom) (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	23.00
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	31-Oct-2023

Component 4: Technical Assistance				
► Increase in project-affected community household consumption before and after hydropower facility commissioning (Percentage, Custom) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20.00
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	15-Dec-2025
► Quarterly meetings of the Gender Action Plan Steering Committee taking place in a year (Number, Custom) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	3.00	26.00
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	15-Dec-2025
Comments:	The meeting for the first quarter of 2020 was not held due to disruptions caused by the COVID-19 pandemic.			
► Women who are satisfied with the way in which their individual Tribal Cooperative account funds, and those of their children, are spent (Percentage, Custom) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	75.00
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	15-Dec-2025



► Completion of semi-annual, independent social and environmental monitoring reports (Number, Custom) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	12.00
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	15-Dec-2025
Comments:	The Lender's Technical Advisor including the Independent social and environmental monitoring agent commenced in February 2020. The first semi-annual, independent social and environmental monitoring is due 6 months after commencement. The first report is expected by the fourth quarter of 2020.			
► Preparation of Protected Area Management Plan and Budget by upper catchment communities (Yes/No, Custom) (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	19-Dec-2022
Comments:	The target end date is modified to reflect the correct due date.			
► Completion of Dam Safety Advisory Panel annual reviews (Number, Custom) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1.00	6.00
Date	30-Jun-2017	30-Apr-2020	30-Nov-2020	15-Dec-2025

## Performance-Based Conditions

### Data on Financial Performance

#### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P161319	IDA-60860	Effective	USD	23.38	23.38	0.00	0.00	23.38	0%
P161319	IDA-D2020	Effective	USD	10.26	10.26	0.00	6.54	4.04	62%
P161319	TF-A1895	Closed	USD	1.24	1.24	0.00	1.24	0.00	100%
P161319	TF-A4843	Effective	USD	12.70	12.70	0.00	4.39	8.31	35%
P161319	TF-B1491	Effective	USD	35.00	35.00	0.00	0.00	35.00	0%
P161319	TF-B1492	Effective	USD	35.00	35.00	0.00	0.00	35.00	0%

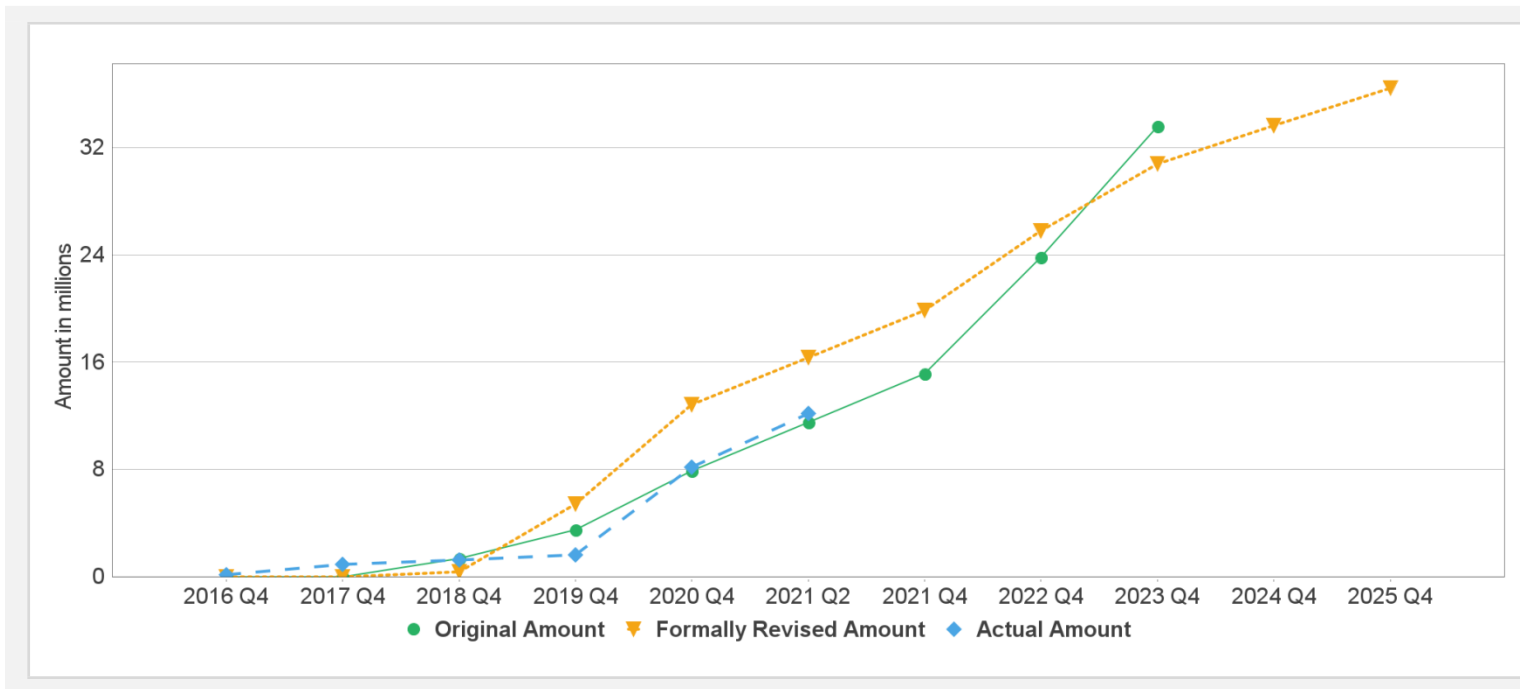


P161319	TF-B1576	Effective	USD	16.00	16.00	0.00	0.00	16.00	<div style="width: 100%; height: 10px; background-color: #ccc;"></div>	0%
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**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P161319	IDA-60860	Effective	20-Jun-2017	06-Dec-2018	19-Dec-2018	15-Dec-2025	15-Dec-2025
P161319	IDA-D2020	Effective	20-Jun-2017	06-Dec-2018	19-Dec-2018	30-Jun-2023	15-Dec-2025
P161319	TF-A1895	Closed	29-Feb-2016	09-Mar-2016	09-Mar-2016	30-Jun-2017	31-Mar-2019
P161319	TF-A4843	Effective	20-Jun-2017	06-Dec-2018	19-Dec-2018	15-Dec-2025	15-Dec-2025
P161319	TF-B1491	Effective	25-Nov-2019	26-Nov-2019	18-Dec-2019	18-Dec-2024	18-Dec-2024
P161319	TF-B1492	Effective	25-Nov-2019	26-Nov-2019	18-Dec-2019	18-Dec-2024	18-Dec-2024
P161319	TF-B1576	Effective	25-Nov-2019	26-Nov-2019	18-Dec-2019	18-Dec-2024	18-Dec-2024

**Cumulative Disbursements**



**PBC Disbursement**

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC



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### **Restructuring History**

Level 2 Approved on 23-Nov-2018 ,Level 2 Approved on 29-Nov-2019

### **Related Project(s)**

P172278-Tina River Hydropower Development Project Additional Financing ,P172294-Tina River Hydropower Development Project Additional Financing

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