



## ID-Geothermal Energy Upstream Development (P161644)

EAST ASIA AND PACIFIC | Indonesia | Energy & Extractives Global Practice |  
Global Environment Project | Investment Project Financing | FY 2017 | Seq No: 3 | ARCHIVED on 20-Jan-2018 | ISR31274 |

Implementing Agencies: PT Sarana Multi Infrastruktur (Persero), PT Sarana Multi Infrastruktur (Persero)

### Key Dates

#### Key Project Dates

Bank Approval Date:09-Feb-2017

Effectiveness Date:--

Planned Mid Term Review Date:31-Jan-2020

Actual Mid-Term Review Date:--

Original Closing Date:--

Revised Closing Date:--

### Project Development Objective (PDO)

Global Environmental Objective (from Project Appraisal Document)

The PDO is to facilitate investment in geothermal power generation and reduce greenhouse gas emissions.

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

No

### Components

Name

Risk Mitigation for Geothermal Exploration Drilling

Capacity Building on Geothermal Exploration and Environmental and Social Safeguards Management:(Cost \$6.25 M)

### Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Satisfactory	● Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Substantial

### Implementation Status and Key Decisions

Following Project Effectiveness on August 5, 2017, implementation has been slower than initially planned, however progress is being made on the Environmental and Social Impact Assessment, Land Acquisition and Resettlement Action Plan, and remaining geotechnical studies to finalize



infrastructure and the drilling plan for the first site to be supported by the Project. The next Bank supervision mission is planned for March 2018.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### Project Development Objective Indicators

Overall Comments

### Intermediate Results Indicators

#### ► Total generating capacity-equivalent of steam yield from all wells drilled (Megawatt, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	48.00
Date	01-May-2017	29-Oct-2017	21-Dec-2017	30-Dec-2022



► Average generating capacity-equivalent of steam yield per well drilled (Megawatt, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	01-May-2017	29-Oct-2017	21-Dec-2017	30-Dec-2022

► Issuance of geothermal development licenses (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	01-May-2017	29-Oct-2017	21-Dec-2017	30-Dec-2022

► Estimated increase in the number of connected households for the associated local electricity networks (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	116,411.00
Date	01-May-2017	29-Oct-2017	21-Dec-2017	30-Dec-2022

► Direct project beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	582,055.00
Date	01-May-2017	29-Oct-2017	21-Dec-2017	30-Dec-2022



▴ Female beneficiaries (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00

▴ Delivery of Inferred Resource Capacity Reports by Exploration Management Team (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	01-May-2017	29-Oct-2017	21-Dec-2017	30-Dec-2022

▴ Practice guides for safeguards implementation (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	01-May-2017	29-Oct-2017	21-Dec-2017	30-Dec-2022

▴ Villages located next to exploration sites with at least one public consultation held (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	01-May-2017	29-Oct-2017	21-Dec-2017	30-Dec-2022



► Share of public consultations segregated by gender (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	01-May-2017	29-Oct-2017	21-Dec-2017	30-Dec-2022

Overall Comments

## Data on Financial Performance

### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
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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
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## Restructuring History

There has been no restructuring to date.

## Related Project(s)

There are no related projects.