

Dariali Energy HPP

Quarter Environmental and Social Performance Report

Performance Requirement 1

1. Period covered by this report: **27 March 2019 to 30 June 2019**

2. Environmental and social management system and management plans:

a. Were any changes made to the ESMS, occupational health and safety plan, waste management plan, or other plans with environmental or social requirements? Yes / No

No

b. If yes, please describe what was changed and summarize the changes.

3. Compliance with government requirements

a. Were there any government inspections related to environmental, safety, or social issues? If yes, describe any findings of noncompliance and any enforcement actions taken.

No

b. Did Dariali Energy violate any permit conditions or other government regulations or requirements? If yes, describe the instances of noncompliance and actions taken by Dariali Energy.

No

Performance Requirement 2

5. Safety (see item 4 for training): Report on quarterly and annual basis

	Total hours worked	Total	Lost-time injuries	Amount of lost time (days) due to injury/incident
A	This period 27.03.19-30.06.19	24,200 h	0	0
B	Since last lost-time injury	0	0	0
C	Since commissioning (unit 1)	228,360 h	0	0

Note: a "Lost-time injury" is an injury sustained *at work* by an employee that leads to the loss of productive work time in the form of worker delays or absenteeism of at least one shift

d. For each lost-time injury this period, please provide the following information:

<i>Date</i>	<i>Injury or illness</i>	<i>Cause (if accident, describe)</i>	<i>Type treatment provided?</i>	<i>Number of hours/days off work?</i>	<i>Investigation completed? (Yes/No)</i>
27.03.19-30.06.19	0	0	0	0	N/A

c. Describe changes in activities or practices made as a result of investigations into accidents or injuries: **N/A**

d. How many formal inspections of safety conditions and PPE usage were conducted by the HSE manager during the period?

27.03.19-30.06.19

Provide dates, summary of major deficiencies identified, actions taken, and current conditions.

19.04.2019, 18.05.2019, 17.06.2019

HSE manager conducted formal inspections once in a month.

2 times workers were seen without helmet; 2 times workers were seen without safety boots. Workers received reprimand.

- e. Investments: List any major improvements this period in safety equipment, safety conditions, PPE usage, or other safety-related conditions:
Safety boots uniforms purchased. The roof of the workers accommodation has been refurbished. Water supply system improved.
HSE manager has been certified as a labor safety specialist (within the framework of the labor safety accredited program of the Georgian Safety Academy)

Performance Requirement 3

10. Spills

<i>Date</i>	<i>Material spilled</i>	<i>Amount (provide units)</i>	<i>Hazardous? (Y/N)</i>	<i>Was river contaminated?</i>	<i>Describe cleanup</i>	<i>Authorities notified?</i>
27.03.19-30.06.19	0	N/A	N/A	No	N/A	N/A

Performance Requirement 6

13. Environmental flows (Eflows)

Please see detailed information in Environmental flow chart: [please see email attachment](#)

	<i>Number of full days (if any)</i>	<i>Total number of hours (including on full days)</i>	<i>Percentage of total operating hours</i>
Zero turbines operating		70 hours and 00 min	2.92%
One or more turbines operating		Turbine 1- 1074h; Turbine 2- 651 h; Turbine 3- 667 h; Total- 2392 h	97.08%
Eflows (<i>see note 1</i>):			
Less than 2.29m ³ /sec	0	0	0
Between 2.29m ³ /sec and 2.79m ³ /sec		2184	100 %

Notes:

Information above is for the period from 01.10.18-26.12.18

- Eflows are considered flows that are not diverted to the sand basin or pipeline and that pass through the fish pass or gates.

- Flows between 2.29 and 2.79m³sec are within 10% of the required E Flow

