

## NOTICE

OF

**HYDRO – ELECTRIC POWER APPLICATION**

Notice is hereby given in accordance with Regulation 8 of the Hydro-Electric Power Regulations made under section 23 of the Hydro-Electric Power Act, Chapter 56:03 as amended by section 7 (2) of the Guyana Energy Agency Act No. 31 of 1997 that an application has been filed for a licence to generate hydro-electric power.

**a) Name and Address of Application:****(i) SYNERGY HOLDINGS INC.**

117 John Smith Street  
Section 'M' Campbellville  
Georgetown  
Guyana

**(ii) HARZA INTERNATIONAL DEVELOPMENT COMPANY, LLC**

117 John Smith Street  
Section 'M' Campbellville  
Georgetown  
Guyana

**b) Date of Application:**

Initially submitted on November 10, 1997 and resubmitted on January 17, 2002.  
An updated application was filed on 10<sup>th</sup> April 2002.

**c) Source of Supply:**

The waters of Kuribrong and Amaila Rivers, which are tributaries of the Potaro River

**d) Place of Diversion:**

The project will include two dams: one across the Kuribrong River with a gated spillway, and a second dam across the Amaila River. The headrace tunnel intake would be located near the left abutment of the Amaila dam. The intake is a reinforced concrete structure with a bellmouth shaped opening. The Invert of the opening is approximately 11 meters above the estimated level of the existing river channel. Water utilized for power production is withdrawn from the reservoir through the intake and transported via 2969 m of tunnel, shaft and penstock to the powerhouse located near to and along the Kuribrong River downstream of the dams and Amaila Falls. The single 2.75 m diameter penstock bifurcates just

upstream of the powerhouse to a diameter of 1.1 m serving each of the four turbines.

**e) Place of Storage - Capacity of intended reservoir:**

Water will be stored in a reservoir located directly upstream of the main dam above the Amaila Falls and extending into the Amaila and Kuribrong Rivers. The reservoir water surface would be maintained within a range between **EI 452.5** and **462m**. Once the reservoir is filled to the normal operating level at **EI 462m** excess water would be released through the spillway located in the Kuribrong dam. The reservoir would have a surface area of 26.7 km<sup>2</sup> at maximum surface of **EI 462m** and total volume of stored water estimated at 180 million cubic meters.

**f) Maximum capacity of the proposed plant:**

The maximum capacity of the plant is 100 MW - Phase I.

**g) Nature of the undertaking and utilization of the plant:**

Potential consumers are the Guyana Power & Light Inc., Linden Power Company and Omai Gold Mine.

**h)** The application by Synergy Holdings Inc. has been filed with the Guyana Energy Agency. Objections may be lodged with the Energy Coordinator, Guyana Energy Agency by any interested party within twenty-one (21) days of the date of this publication. Objections should be prepared in accordance with regulation 9 of the Hydro-Electric Power Regulations.

By  
Joseph O'Lall  
Energy Coordinator  
Guyana Energy Agency