



Investment Opportunity: Energy

Electricity Generation through Biomass Harvesting

Invader bush reduces the carrying capacity of agricultural land. By utilising harvested bush, a decentralized independent power producer (IPP) model will assist NamPower to strengthen its domestic power mix and assist in further stabilizing the national power grid, while improving the carrying capacity of agricultural land.

An independent power producer framework is in place, which supports private ownership of large-scale power plants. NamPower, the main offtaker, is willing to form public private partnerships (PPPs) to generate power using harvested invader bush.

Project Overview

The construction of three 20 MW - 30 MW biomass power plants with storage and fuel handling infrastructure, and support infrastructure. One plant with required equity participation of between 50% and 70%. Two plants wholly owned by IPPs. A fair and transparent solicited process through open and public bidding will be followed.

Project Timeline Summary

An investment decision will be made in 09.2017. Construction commences in 01.2018. Operation is scheduled for 06.2020.

Investment Opportunity

Total Project Cost: USD 88.5 million or NAD 1.2 billion (NAD : USD = 13.5)

Funding split	USD million	NAD million
Debt share: 70%	62	837
Equity share: 30%	27	386
NamPower equity shareholding:	13	179
Envisaged 50% - 100%	to 62	to 386
IPP equity shareholding:	13	179
Envisaged 50% - 70%		
IPP wholly owned projects: (Additional 2 X 20 MW plants)	2 X 27	2 X 386

Contact:

Ms. Margaret Mutschler

NamPower

Tel: +264 61 205 2338

Email: margaret.mutschler@nampower.com.na