

# Energy Projects in Zimbabwe

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**Zim Zam Energy Projects  
Summit – Project Spotlight**

# Energy Compact Key Highlights

• Universal access to electricity by 2030

Increase renewables from 7.8% → 31%

US\$9.13B investment mobilization

320,000 new on-grid + 200,000 off-grid connections annually

1,607km new transmission lines

Strengthened SAPP integration (MOZ, ISA, ZIZABONA)

Growing demand driven by mining & industry

# Munyati 100MW Solar Project - Renewable Energy Focus

Flagship national solar  
initiative

Supports clean energy  
transition

US\$100M project investment

Raises renewable share toward  
31% target

Enhances grid stability and rural  
electrification

# Hwange Units 9 & 10 (Coal Fired) Key Highlights

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- 600MW net expansion (2×300MW)

- US\$1B project investment

- Strengthens baseload & regional energy security

- Critical to least-cost generation planning

# **Transmission Reinforcement - 2nd Alaska - Sherwood Transmission 330 kV Line**

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US\$58M project investment

Doubles wheeling capacity on key SAPP  
corridor

Improves reliability & unlocks new generation

Supports regional power trade expansion

# ZETDC – US\$58m Debt/Equity Expansion Capital for 2<sup>nd</sup> ALASKA - SHERWOOD TRANSMISSION PROJECT

## Project Background

The proposed 2nd Alaska – Sherwood project is part of the Central Transmission Corridor (CTC), located in the ZETDC network. This corridor serves as a crucial power-wheeling route for local power transfers and facilitates the integration of energy within the Southern African Region

## Project Benefits

Removal of transmission bottlenecks thereby increasing wheeling capacity within SADC and local power transfer capacity

Improved network control, stability and flexibility (enabling back-feeds).

Increased internal revenue collection through connection of new customers and wheeling.

Reduced technical losses

## Project Status

Indicator	Status
Pre Feasibility Study	Done
ESIA Study	Done
EMA Certificate	Done

Figure 1 shows the existing and proposed routes of the Alaska Sherwood Line



## Project Scope of Work and Indicative Costs

- Construction of approximately 165km x 400kV triple Bison transmission line from Alaska 330kV substation to Sherwood 330kV Substation
- Substation expansion (400kV line bays at Alaska and Sherwood substations)
- Swapping of lines at Sherwood to accommodate the 2nd Alaska – Sherwood line landing at Sherwood Substation

## Investment Structure: \$58 million Project Debt Finance

- An investment opportunity of US\$58 million

Indicator	
Total Project Cost	US\$58m
NPV of Project Cashflows	US\$281.93m
Project IRR	17%
Benefit to cost Ratio	1.98

## **Other Key Transmission Projects**

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**ZIZABONA- ZIZA LEG – US\$30M**

**Bindura–Mutorashanga – US\$34.5M**

**Orange Grove–Triangle – US\$146M**

**Warren–Hopely–Dema – US\$46.5M**

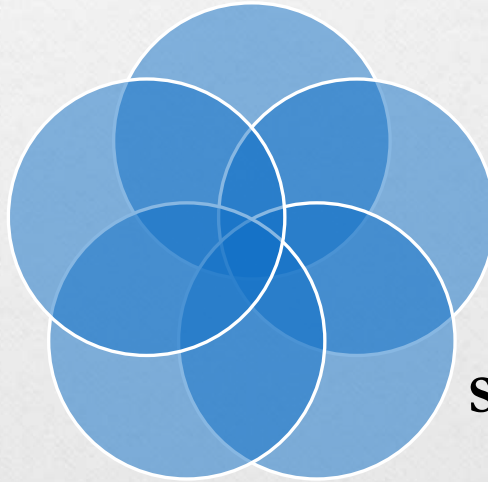
**Sunway City SEZ Substation – US\$42.5M**

# Conclusion & Call to Partnership

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Invitation for  
regional & global  
collaboration

High-value  
investment  
opportunities



Zimbabwe scaling  
generation,  
transmission &  
renewables

Strong policy frameworks  
(NES, NIERP, GPSA)