



# Zimbabwe

# Overview

Suppressed Demand ~ 1600MW

(Reached 2100MW in 2006)

75% Local generation

50% Hydro

2 IPP's

# Structure



Wholly owned by Govt

4 Subsidiaries

- Generation
- Tx & Dx
- Communications
- Production



# Trade

Single Buyer Model


ZETDC buys from ZPC (PPA's in Place)

ZETDC buys from IPP's

ZETDC trades with SAPP

Only ZETDC trades on DAM

Retail price regulated by an independent body

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- 5 Power Stations, Kariba 750MW, Hwange 920MW, STS 380MW
  - Transmission Network mainly 330KV with one 400KV line.
  - Interconnectors with Mozambique, Zambia, Botswana, South Africa
  - 16 Grid Substations or BSPs

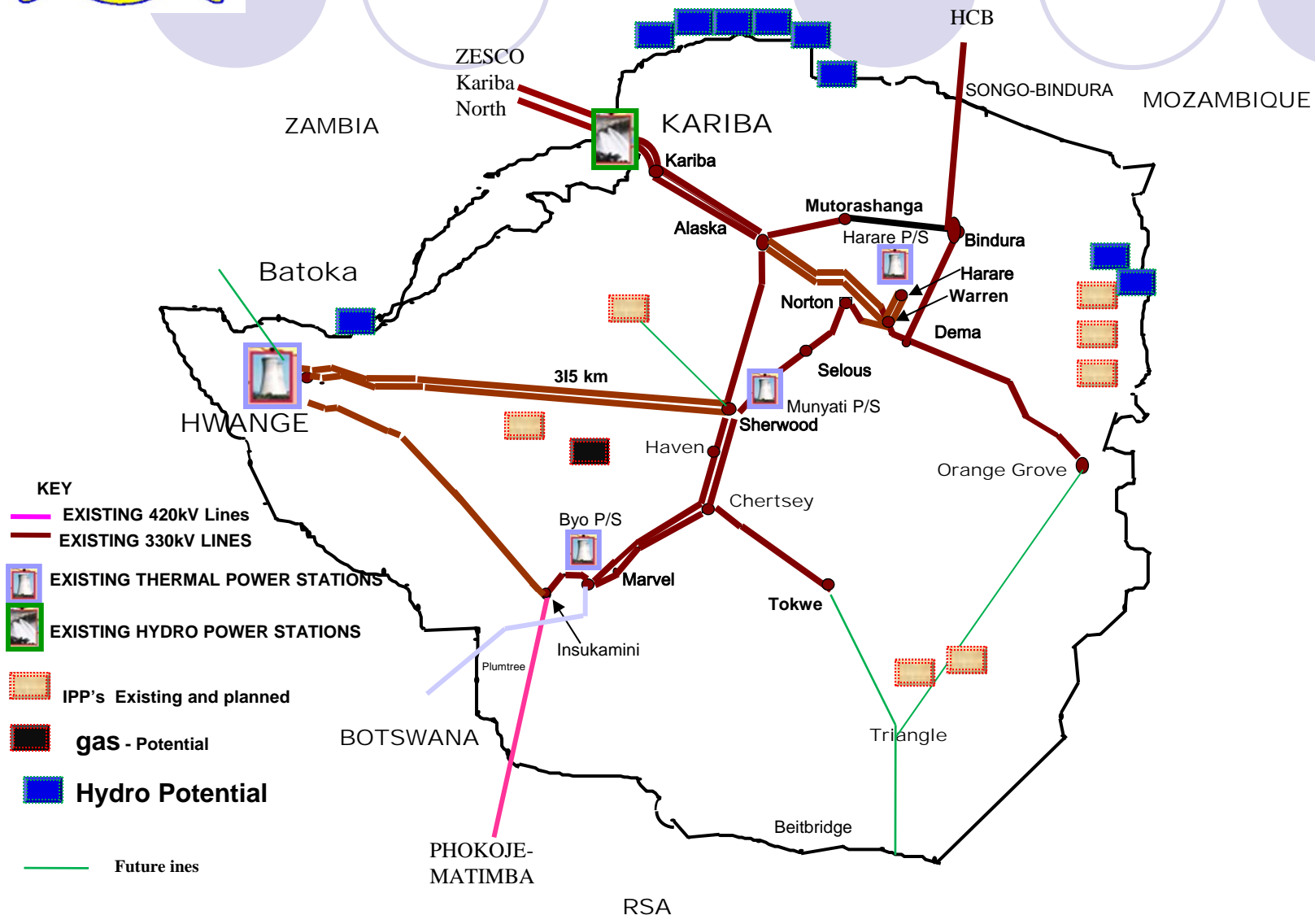


# OUTLOOK

- Potential for more IPP (Hydro, Gas, Coal)
- Total Capacity in Pipeline (Medium term) – 5000MW
- Long term capacity (Hydro)



# ZESA TRANSMISSION GRID



- KEY**
- EXISTING 420kV Lines
  - EXISTING 330kV LINES
  - EXISTING THERMAL POWER STATIONS
  - EXISTING HYDRO POWER STATIONS
  - IPP's Existing and planned
  - gas - Potential
  - Hydro Potential
  - Future ines

# KARIBA SOUTH HYDRO POWER STATION





# HWANGE THERMAL POWER STATION



# MUNYATI SMALL THERMAL POWER STATION



# Tatenda

