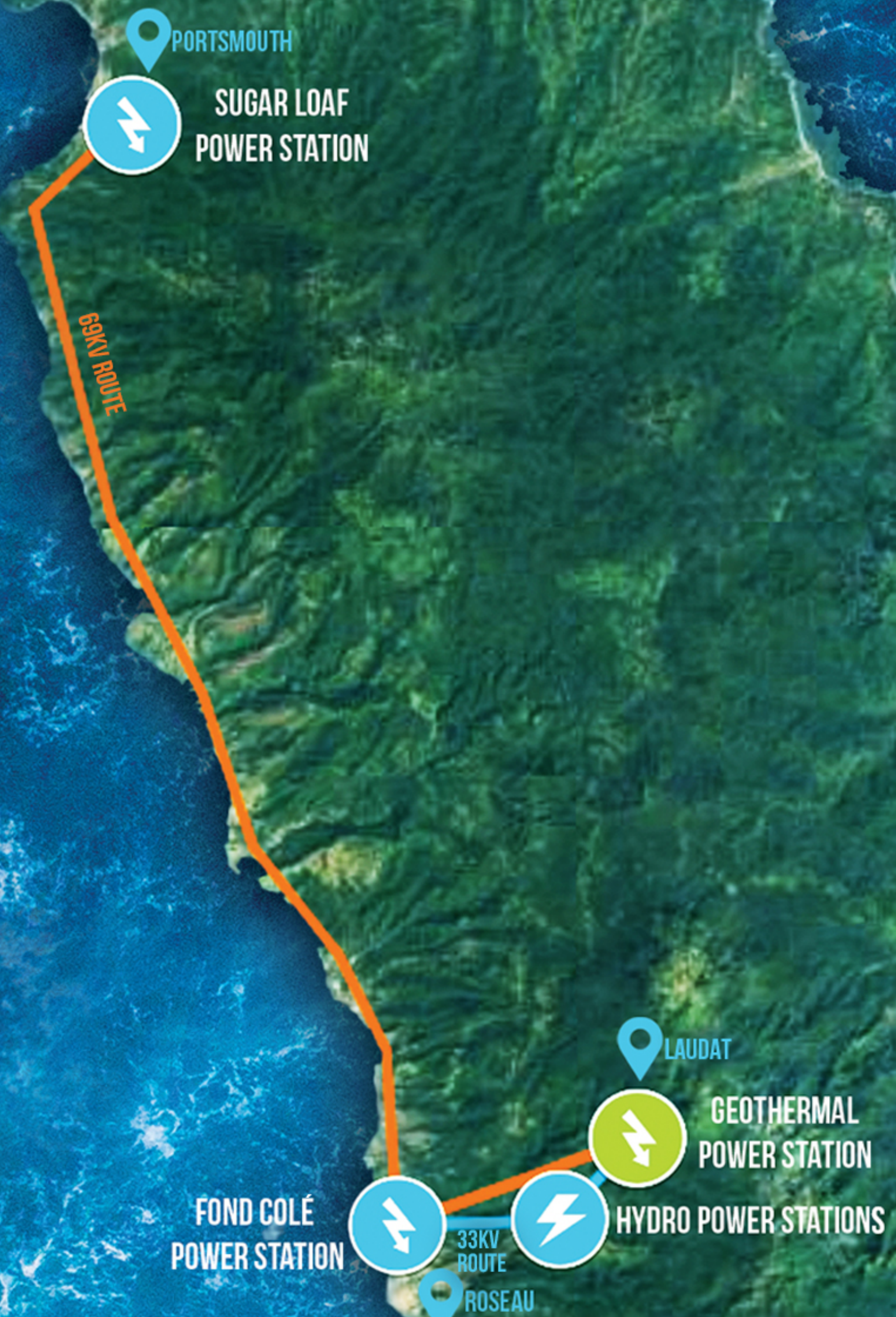




Dominica Geothermal
Development Company Limited
Powering a New Generation...



FACT SHEET

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OBJECTIVES

- Reduce and Stabilize the Cost of Electricity
 - Lower tariff (\$ per kWh)
 - Eliminate Fuel Surcharge
- Enable the Generation of 100% of Electricity from Renewable Sources
- Improve Resilience in the Electricity Sector
- Create New Economic Opportunities using Geothermal Energy

CURRENT SCOPE

- Construct a 10 MW Binary Cycle Geothermal Power Plant in Laudat
- Construct a 33 kV/69 kV Electricity Transmission Network
- Establish infrastructure for Expansion

PROGRESS

- Confirmed Geothermal Reservoir - 3 successful test wells in Roseau Valley
- Completed Drilling for Power Plant – 3 wells in Laudat
- Completed Environmental and Social Impact Assessments for Power Plant and Drilling
- Designed Transmission Network and Prepared Tender



Production Well



Production Well (RV-P2) Site

WHAT'S NEXT

Powerplant

- Complete contracts with powerplant developer
- Construct a 10 MW geothermal power plant in Laudat

Transmission Network

- Complete Environmental and Social Impact Assessments
- Issue tender for construction of 33 kV/69 kV network (Laudat to Fond Colé)
 - 33 kV underground (10.6 km)
 - 69 kV overhead (8 km)
 - 3 substations
- Construct Battery Energy Storage Systems at Fond Colé and Sugar Loaf
- Secure funding for construction of 69 kV transmission line from Fond Colé to Sugar Loaf (46 km underground)

FAQ

Why geothermal energy?

- It is safe – closed loop system using a reservoir
- It is reliable/stable – available 24/7 regardless of the weather
- It is green – approx. zero emissions (binary cycle technology) and 100% renewable

How does a binary cycle geothermal power plant work?

Hot fluids are extracted from a geothermal reservoir (about 1.5 km deep) through a production well. The geothermal fluids pass through a heat exchanger in the power plant and heat an organic fluid which in turn drives the turbines and electricity generators. The geothermal fluid is returned to the reservoir through a reinjection well. No fluids are released into the environment.

What are the benefits of geothermal power for Dominica?

- Lower electricity cost for homes and businesses
- Improved environment and lower carbon emissions
- Expanded economic activities

Why do we need a transmission network?

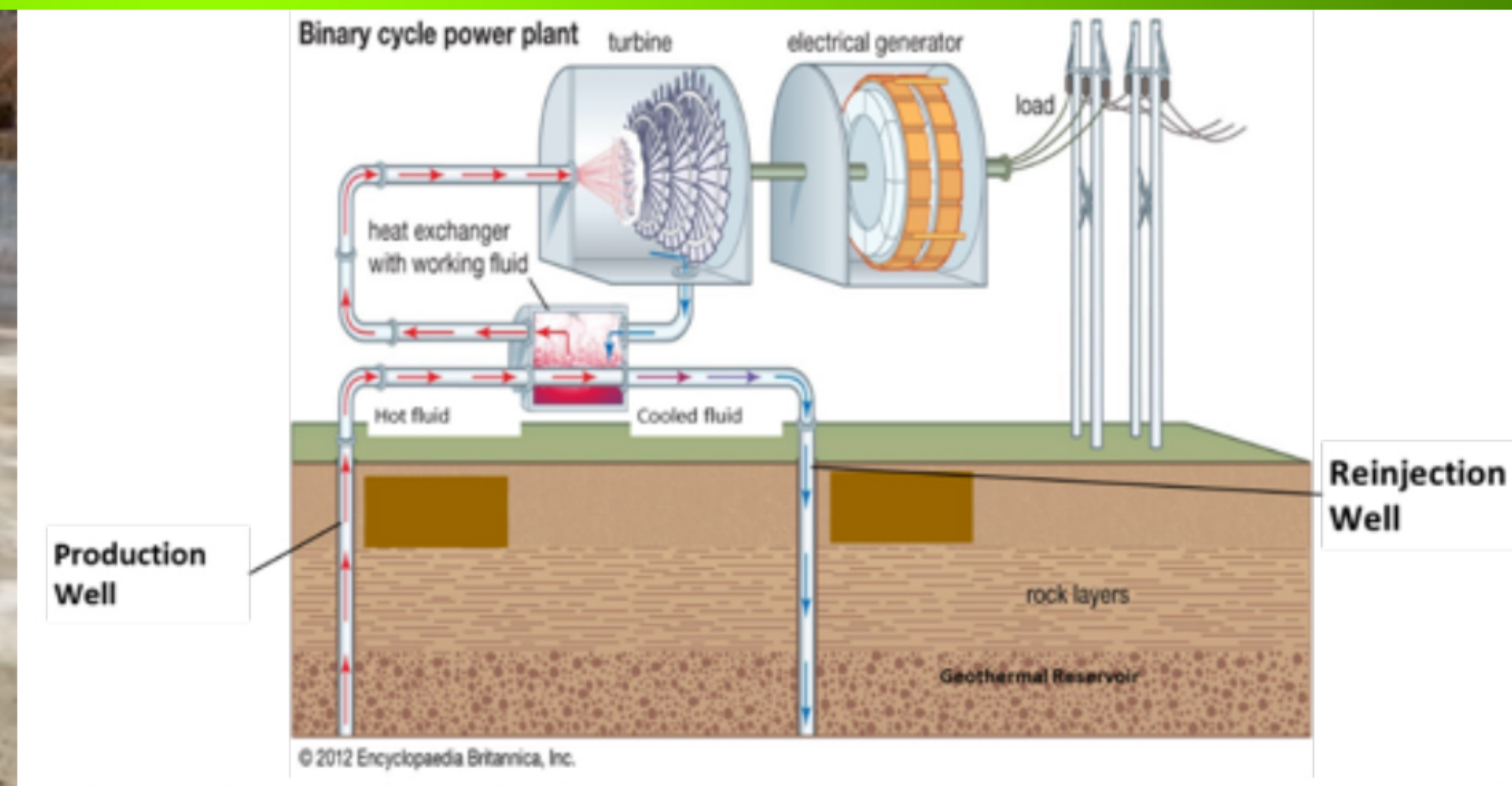
The existing 11 kV network is not able to efficiently transmit the 10 MW generated by the geothermal power plant to the main load centres in Dominica.

When will we get power from this geothermal power plant?

The power plant and transmission network (to Fond Colé) are scheduled for commissioning in 2025.



Reinjection Well



Reinjection Well (RV-12) Site