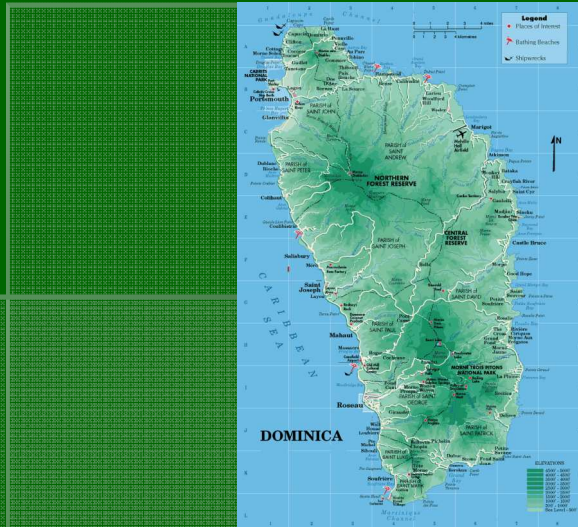


DOMLEC'S WIND PROGRAM



LOCATION AND BACKGROUND



- Fed by NE Trade Winds
- Peak load \approx 15.5 MW
 - Approx 6 MW Hydro
 - Approx 14 MW Diesel

METEOROLOGICAL PROGRAM

- 2 years data collected
- Reference data
- 3 – 5 towers in the next 3 months
- Correlate data

PROBLEMS FACED

- Windy sites
 - Balance with accessibility
 - Complex terrain
- Economically viable sites
 - Steep terrain
 - Lack of infrastructure (roads)
- Willing land owners
 - Other plans for the land
 - Various owners
 - Lack of land use policy

INTERCONNECTION POLICY

- Define requirements
- Define sizing limits
- Need for frequency control
 - Who is responsible
 - Who pays
- Grid stability studies

CONCLUSIONS

- Present costs of fuel
- Small grid does not help
- Lack of established manufacturers willing to come to the Caribbean
- Waiting lists for turbines
- Lack of understanding from the general public

QUESTIONS.....COMMENTS.....QUERIES

VISIT THE NATURE ISLAND, DOMINICA!

