Project Lara Case Study

CCPPP Presents: Investing in a Resilient Future for the Caribbean
Agenda

• Introduction – Investments in renewables increase
• Lightsource bp – An overview of our business
• Project Lara – Case Study
• Q&A
Introduction: Investments in renewables increase

Green energy funds top league table in banner year for ESG

Renewable Energy Stocks See Record Investments

Renewable energy stocks had a record year — here’s what Wall Street sees for 2021

Eight energy majors agree energy transition principles, action on emissions

Solar is now cheapest electricity in history, confirms IEA

Big Oil 'cannot have its cake and eat it' with energy transition spin-offs: HSBC

Clean energy stocks are soaring
Lightsource bp
Leading solar development

For 10 years

...and into the future

Highlights today:

- **3GW**
  utility scale solar projects developed to date

- **14**
  countries

- **16GW**
  global project development pipeline

- **500+**
  team members

Our sustainability framework:

- **Continue to be climate conscious**
  as we grow our business
  - Continue decarbonizing across our business
  - Reducing waste
  - Protect ecosystems and biodiversity

- **Create a positive social impact**
  for our people, partners and communities

- **Solar power for our world**

- **Inspire & enable**
  businesses and communities to choose solar
How we do business

An end-to-end approach to solar

Enabled by global reach & buying power, innovation, digitalization, automation and Centres of Excellence

Underpinned by our core values

Develop & Build
- Development (greenfield, co-development, late-stage acquisitions)
- Power Purchase Agreements
- Environmental Planning
- Grid/Interconnections
- Commercial Engineering
- Construction & Project Management

Manage/Operate
- Asset Management
- Energy Management
- Operations & Maintenance

Own/Sell
- Operational Asset Performance
- Structured Finance & Modelling
- Investment Management
- Asset Divestment

Safety Integrity Respect Sustainability Drive

Supported by corporate functions to facilitate, govern & monitor
A global platform with local impact

Our activities expand across EMEA, APAC and the Americas. These markets feature strong fundamentals to deploy solar and capital at scale.
Project Lara
Project Lara – Context and Consortium

We believe that renewable energy is the key to addressing the ‘dual challenge’ – creating more energy while reducing emissions and combatting climate change.

Project History

February 2018 > GoRTT signed United Nations Paris Agreement ratification in New York
March 2018 > GoRTT launched Expression of Interest
November 2018 > GoRTT launched RfP documentation
July 2019 > GoRTT RfP submission deadline
March 2020 > Consortium award preferred bidder status
2021 > Begin Construction
2022 > Commercially Operational Renewable Energy Projects

About our consortium and partners

• Lightsource bp is the lead developer as part of a consortium together with bp Alternative Energy Trinidad and Tobago and Shell Trinidad and Tobago.

• Lightsource bp is a global leader in the development and management of solar energy projects. Lightsource bp operates 3 gigawatts of solar power generation and is actively developing projects in 14 countries. Its global project development pipeline is currently 16 gigawatts.

• bp and Shell are Trinidad and Tobago’s largest hydrocarbon producers and have decades of operational experience in the country.
Project Lara – the Projects

Lightsource bp, in Consortium with bp and Shell, submitted two projects in the Government RfP with a combined 112MWac. We aim to start construction before the end of 2021 and have operational farms in 2022.

Orange Grove Solar Project

Orange Grove Statistics

- Size of the site (MW): 20MW
- Estimate Annual Generation: 48,913 MWh
- Equivalent to:
  - 7,000 homes powered
  - 27,500 saved tonnes of CO2
  - 5,500 cars off the road

Brechin Castle Solar Project

Brechin Castle Statistics

- Size of the site (MW): 92MW
- Estimate Annual Generation: 219,076 MWh
- Equivalent to:
  - 31,500 homes powered
  - 123,000 saved tonnes of CO2
  - 26,500 cars off the road
Q&A
End of presentation

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