

# LNG-to-Power: Enabling Reliable Energy Systems

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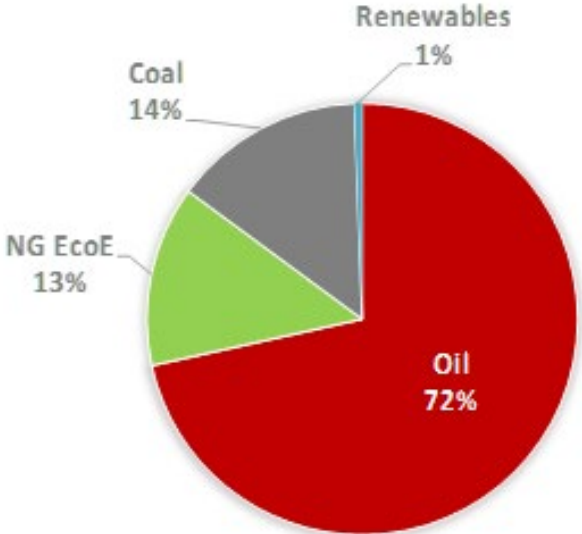


# Puerto Rico Energy Context

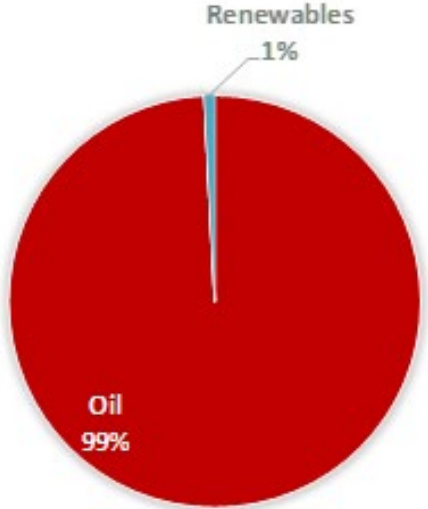
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- Limited grid redundancy
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- Low efficiency generation fleet
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- High exposure to extreme weather events
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- Critical need for reliable, flexible and cost-efficient generation

Reliability and flexibility are essential in island power systems

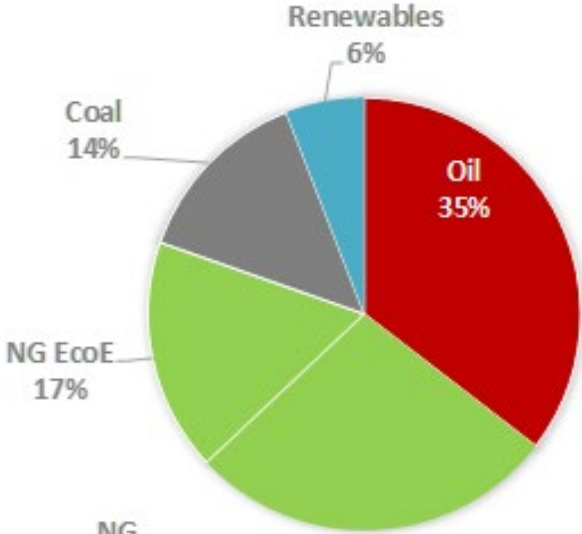
# Evolution of Puerto Rico's Fuel Mix



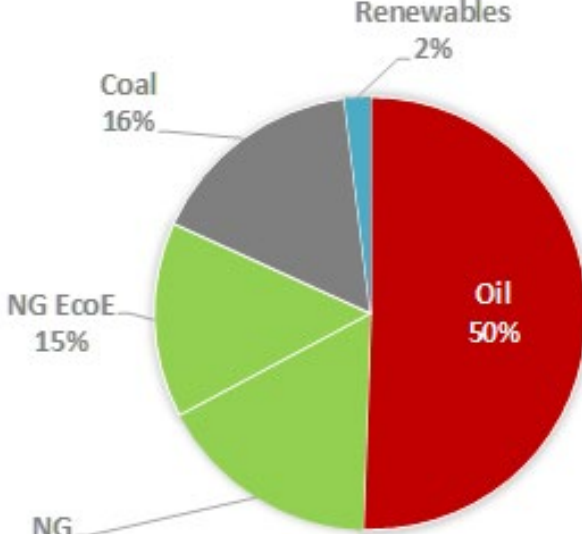
FUEL MIX - 2006



FUEL MIX - 1999



FUEL MIX - 2023

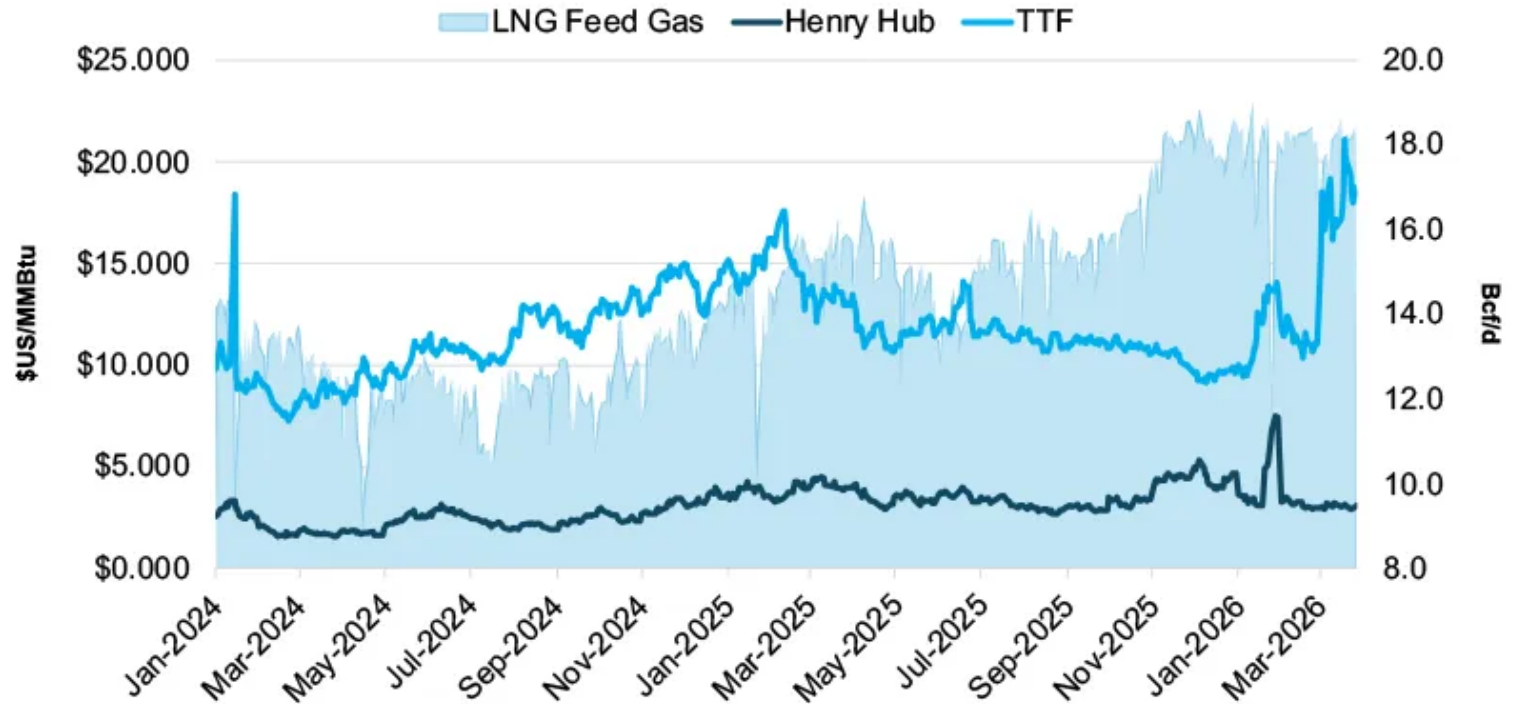


FUEL MIX - 2015

# LNG Price Tendency

## NGI's Prompt Month Henry Hub, TTF Futures Prices & LNG Feed Gas Deliveries

NGI



Source: NGI's Forward Look, Bloomberg data, NGI calculations

# EcoEléctrica LNG-to-Power Model

Integrated infrastructure enabling reliable energy systems

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## WHO WE ARE

- 25+ years of LNG-to-power operations
- Pioneer project in Puerto Rico
- Integrated energy model

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## WHY IT MATTERS

- Proven operational resilience
- Experience in extreme conditions
- Reliable and flexible operations

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## WHAT WE DO

- LNG-to-power generation (545 MW)
- LNG truck loading for distribution
- Regasification & pipeline supply to Costa Sur



# Supporting System Reliability

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Stable and reliable generation

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Dispatchable and flexible operations

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Rapid response capability

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Key contributor to grid stability

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Strong contribution to ancillary services supporting grid stability

# Community & Institutional Commitment

## EcoEléctrica

- Sustained long-term commitment in neighboring communities (Peñuelas & Guayanilla)
- Educational, sports, and community initiatives supporting youth development
- Active participation in institutional and regulatory dialogue
- Commitment to safe, reliable, and environmentally responsible operations
- Collaboration with universities to support environmental monitoring programs aligned with EPA requirements, consistently exceeding compliance standards

## Fundación EcoEléctrica

- High School Scholarship Program – 1,000+ students impacted
- Engineering Scholarships – UPR Mayagüez (15 students supported)
- STEM outreach initiatives at intermediate level
- Privately funded foundation strengthening local technical talent, including vocational scholarships

**25 Years Investing in Puerto Rico's Energy & Communities**



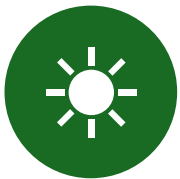
# LNG Supply & System Resilience

- **Supply Structure**
- **Price & Financial Risk**
- **Supply Security**
- **Mitigation & Flexibility**





## Looking Ahead



- LNG as a complement to renewable energy



- Reliable and flexible generation remains essential



Existing infrastructure as a strategic advantage to enable a reliable and cost-efficient energy transition

# Closing

- Reliable energy transition requires not only generation, but integrated infrastructure and operational experience.

