

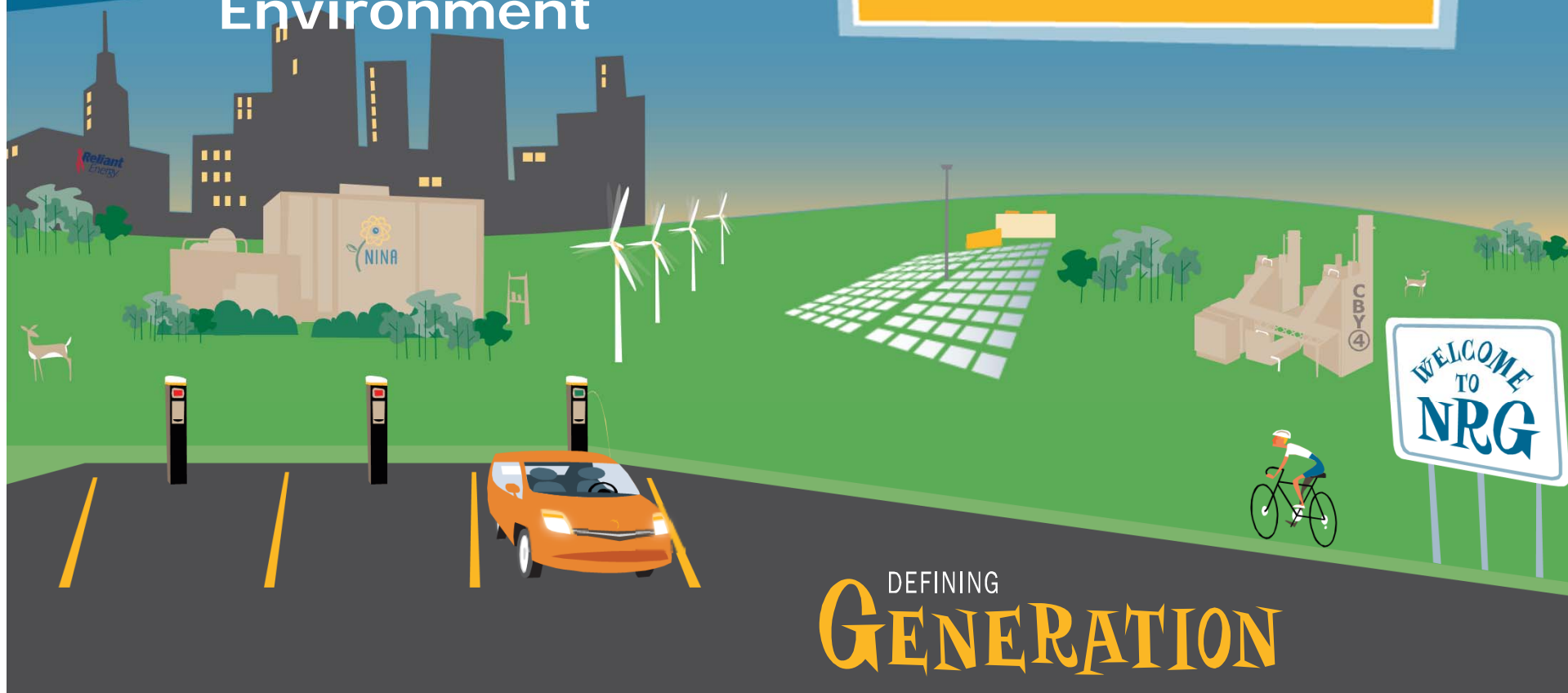
*Connecticut Energy, Environment
and Economic Development
Conference:*

Powering New England in the New Environment

Powering Our Energy Future

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DEFINING
GENERATION

NRG's Vision

NRG TODAY AND TOMORROW



- Execute clean-power generation projects
 - Solar
 - Wind
 - Biomass
- Maximize existing generation by repowering with natural gas and renewable fuels
- Replicate NRG's pioneering electric vehicle business model in other markets
- Expand retail energy platform into NE markets



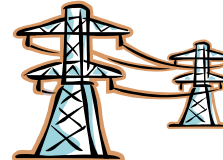
Everyone wants:

- Reliable power
 - Problem: Aging infrastructure
Solution: Appropriately-sited new generation with T&D upgrades as needed
- Stably-priced, low-cost electricity
 - Problem: High ratepayer costs
Solution: Capacity market reforms, new generation, Marcellus shale gas opportunities
- Cleaner environment
 - Problem: Older generation, higher emissions
Solution: LT contracts & markets that support repowering and new generation with renewables and cleaner fuels



Imminent retirement of a substantial share of the aging fossil fleet in the near term:

9000MW region wide, nearly 1/3 of Connecticut generating capacity is reaching the end of its economic life - facing significant capital upgrade costs to remain in compliance with environmental requirements



Transitioning today's fleet into the new reality:

- How to ensure that the infrastructure we build best serves the region's consumers?
- How to plan locally/regionally in context of current markets - what structures and incentives are required?
- What mechanisms are needed for financing new generation?
- How to create a level playing field for reliability solutions? (current policy supports new transmission but not generation)

Transforming Power Generation

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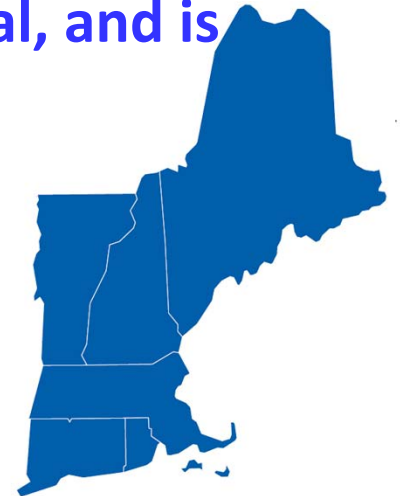


The retirement of older fossil generating capacity is real, and is likely to happen all at once

- Environmental pressures are mounting
 - FCM floor price goes away
- ...Retirement becomes the only realistic option.*

The capacity surplus is not as robust as it may appear

- Made up of older capacity, imports and demand resources
- Will not continue with low FCM prices once the floor price goes away



In NE, the energy mix of the future will continue to revolve around natural gas

- Gas provides unmatched availability, dispatchability, efficiency with low capital costs
- Natural gas will be the anchor fuel for New England, augmented with renewables and the continued operation of the nuclear plants.

The Benefits of Repowering

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Repowering is simply replacing aging electric generation infrastructure with new, efficient, low-cost generation that is good for the environment and the economy.

- New generation on existing sites:
 - Creates valuable construction and operations jobs
 - Keeps the economic benefits of these manufacturing enterprises local
- Existing sites are fully integrated into transmission grid
- Existing sites are well-accepted as a part of the community
- Natural Gas is among the lowest cost fuel sources in the Northeast
- Competitive RFP for LT contract ensures lowest cost projects are selected
- Contract for differences: state control; cost certainty, market revenues returned to ratepayers, regulated profits
- Proven track record in CT based on results of 2005 & 2007 Energy Acts

Over the next ten years, repowering in Connecticut could save ratepayers \$5.9 billion using Combined Cycle Natural Gas vs. importing power from Canada. Using the same 10 year timeframe, cost savings for a Biomass Conversion would be almost \$2 billion compared to the same amount of Canadian imported power.

Opportunities in Connecticut Today

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Connecticut policy-makers have the opportunity to provide immediate benefits by facilitating replacement of older generation facilities through a competitive RFP process led by the DEEP.

- Montville Biomass, a fully permitted 42MW Class 1 resource could be generating renewable power by year end
- A partially constructed 530 MW high efficiency natural gas combined cycle unit in Meriden could be completed by 2015.
- Another 1200 MW of aging CT generating infrastructure could be replaced over time.



Q & A

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