



NTE ENERGY

*Reliable, efficient power for
a cleaner America*

**Killingly
Energy Center**

an NTE Energy Project

NTE Energy

- Founded 2009
- Family Owned
- Personal Approach to Development
- Transparent and Accessible
- Long-Term Community Partner



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NTE Projects Break Ground

Kings Mountain
Energy Center
(North Carolina)



Middletown
Energy Center
(Ohio)

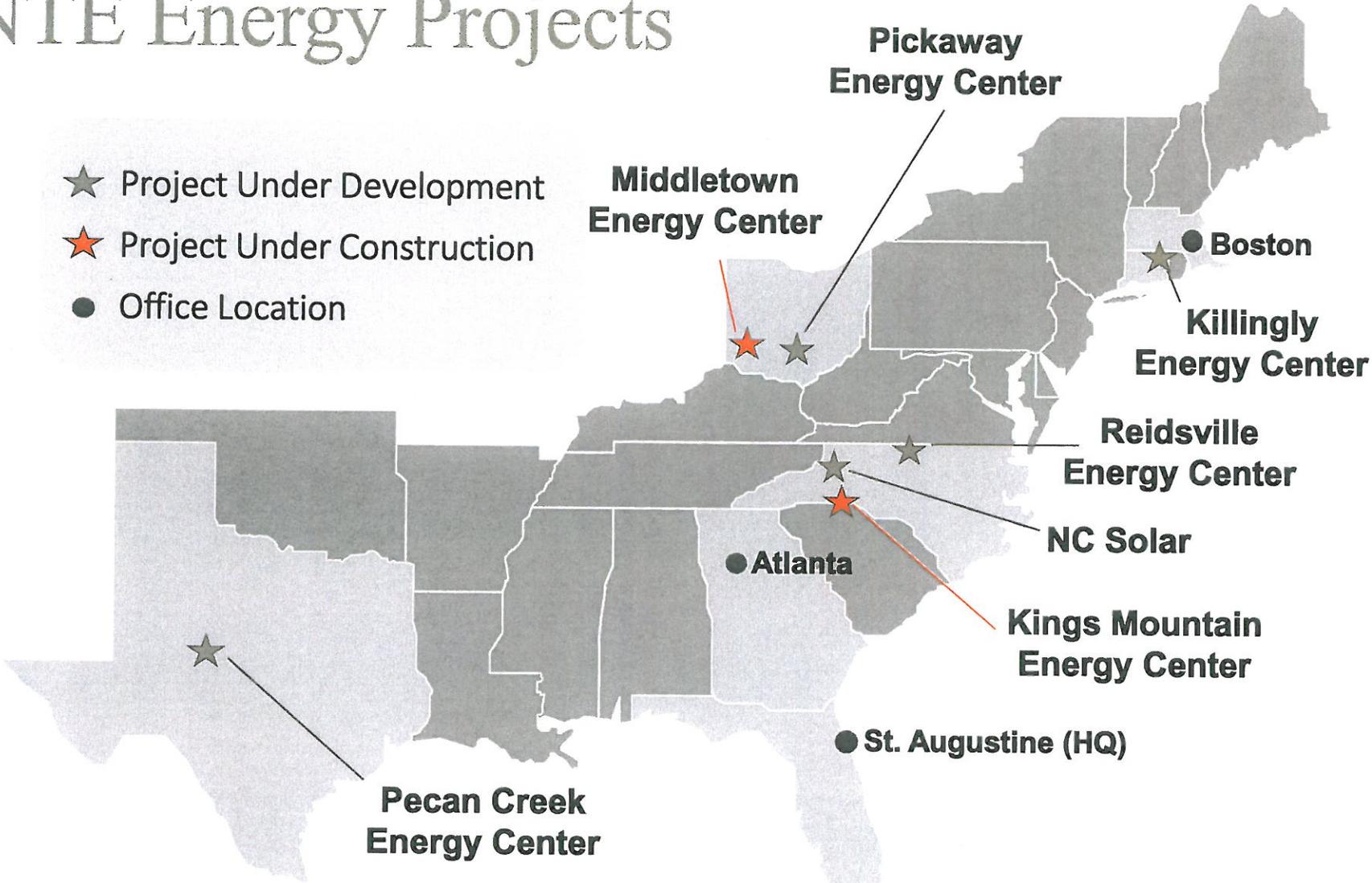


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NTE Energy Projects

- ★ Project Under Development
- ★ Project Under Construction
- Office Location



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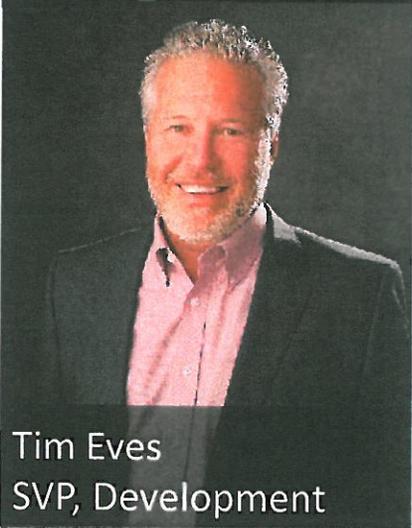


Killingly | Development Team



Mark Mirabito
COO

- 10+ years in power generation project development
- Development experience at Merck, Tamarack Energy, Watertown Renewable Power, Revolve Power
- M.Eng.



Tim Eves
SVP, Development

- 30+ years in power generation project development
- Previous leadership experience at Vercipia, Calpine, and Westinghouse
- MBA, JD, BME



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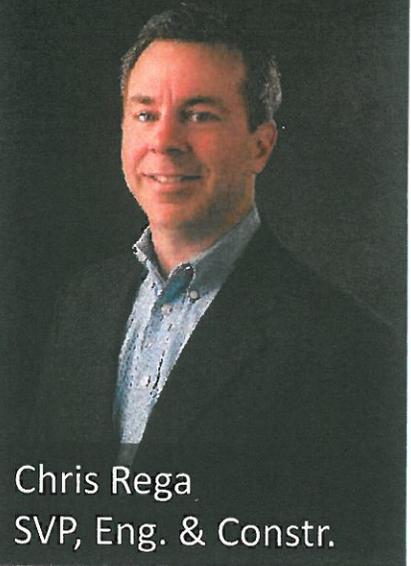


Killingly | Development Team



David Groleau
Project Developer

- 5+ years in power generation
- Previous experience in wind power development
- Marketing/development at Community Energy, Iberdrola Renewables
- MBA



Chris Rega
SVP, Eng. & Constr.

- 30+ years in power generation engineering and construction
- Previous leadership experience at Intergeren, Siemens Westinghouse, Parsons Engineers and Constructors
- ME



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Our Approach

- Rigorous project due diligence
- Local focus on community and economic development
 - Jobs, educational partnerships, community participation
- Transparent and personal communications
 - Open houses/Info sessions
 - Community site visits
 - One-on-one conversations
- Emphasis on safety and environmental stewardship



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ISONE Generation Retirements

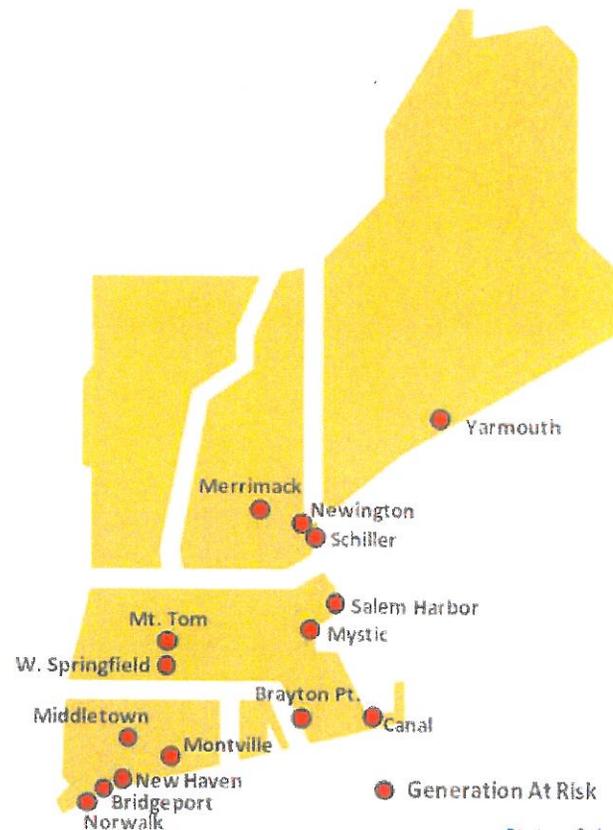
- Since 2010, nearly 2,500 MW of capacity has been retired in New England
- Additional 2,500 MW scheduled to retire by 2020
- Nearly 10,000 MW of additional capacity at risk of retirement

Region is Losing Non-Gas Resources

3,500 MW of generation has retired or will in the coming years

Major Retirements Underway:

- Salem Harbor Station (749 MW)
 - 4 units (coal & oil)
- Vermont Yankee Station (604 MW)
 - 1 unit (nuclear)
- Norwalk Harbor Station (342 MW)
 - 3 units (oil)
- Brayton Point Station (1,535 MW)
 - 4 units (coal & oil)
- Mount Tom Station (143 MW)
 - 1 unit (coal)
- *Additional retirements are looming*



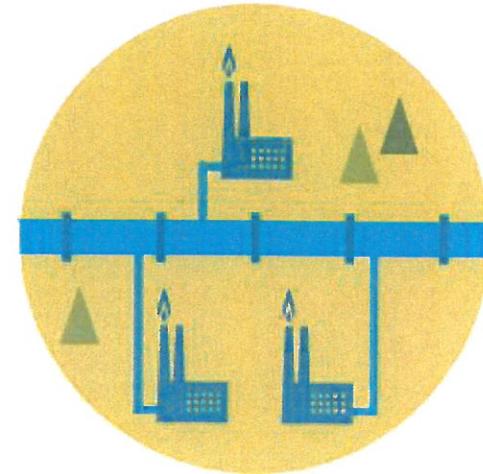
Source: ISO New England - State of Grid 2015

ISONE Reliability Challenges

- Killingly Energy Center's location south of natural gas and transmission constraints provides reliability benefits to ISO New England, as much of generation is north of constraints and 80% of load is south of constraints

Resource Shift Creates Reliability Challenges

- New England's generation fleet is changing rapidly – older, fossil-fired units are retiring and reliance on natural gas for power generation is rising
- ISO-NE must rely increasingly on resources with uncertain performance and availability
 - Intermittent resources (wind, solar) may not produce power at the times it is needed most
 - Natural gas resources lack fuel storage and rely on “just-in-time” fuel
 - Coal, oil-steam fleet is aging, prone to mechanical problems, subject to increasingly stringent environmental regulations
- Reliable operation of the New England power system is challenged by these developments, particularly in winter



Source: ISO New England - State of Grid 2015

Killingly Energy Center | Project Summary

- 550 MW Net Output
- One of the cleanest, most efficient natural gas power generation facilities in North America
- Employing advanced technology to reduce the need for water by 95%
- Baseload power source (60% - 75% capacity factor)
- Displaces more expensive, higher emitting and less efficient coal & oil plants
- Supports renewables development by balancing wind and solar



Killingly Energy Center | Economic Development

Anticipated Economic Benefits:

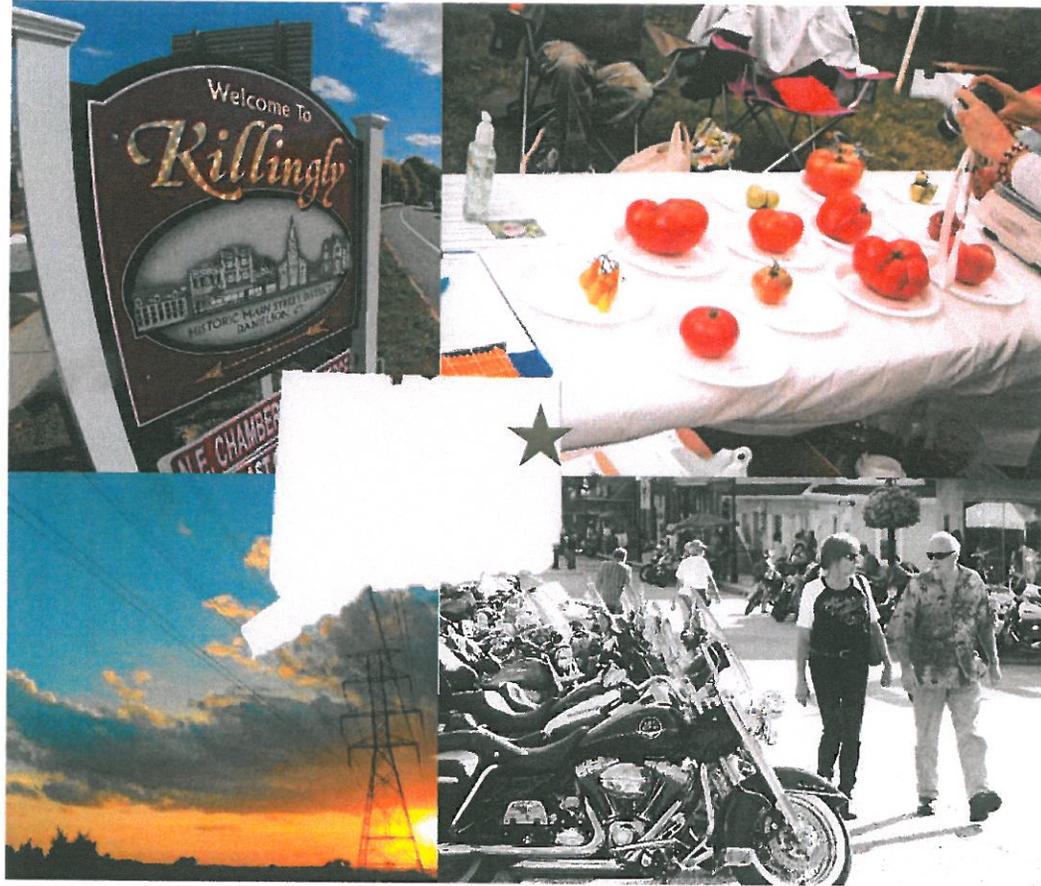
- Investment – Over \$500 million
- Jobs: Use of local labor, local service providers and local subcontractors when possible
 - 250-350 during construction
 - 25-30 during operation
- Strong direct and indirect local economic benefits result from construction and operation
- One of the largest tax payers in the community (with limited need for taxpayer-funded services)



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Why Killingly?



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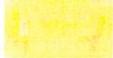


Killingly Energy Center

Location



Killingly Future Land Use Map

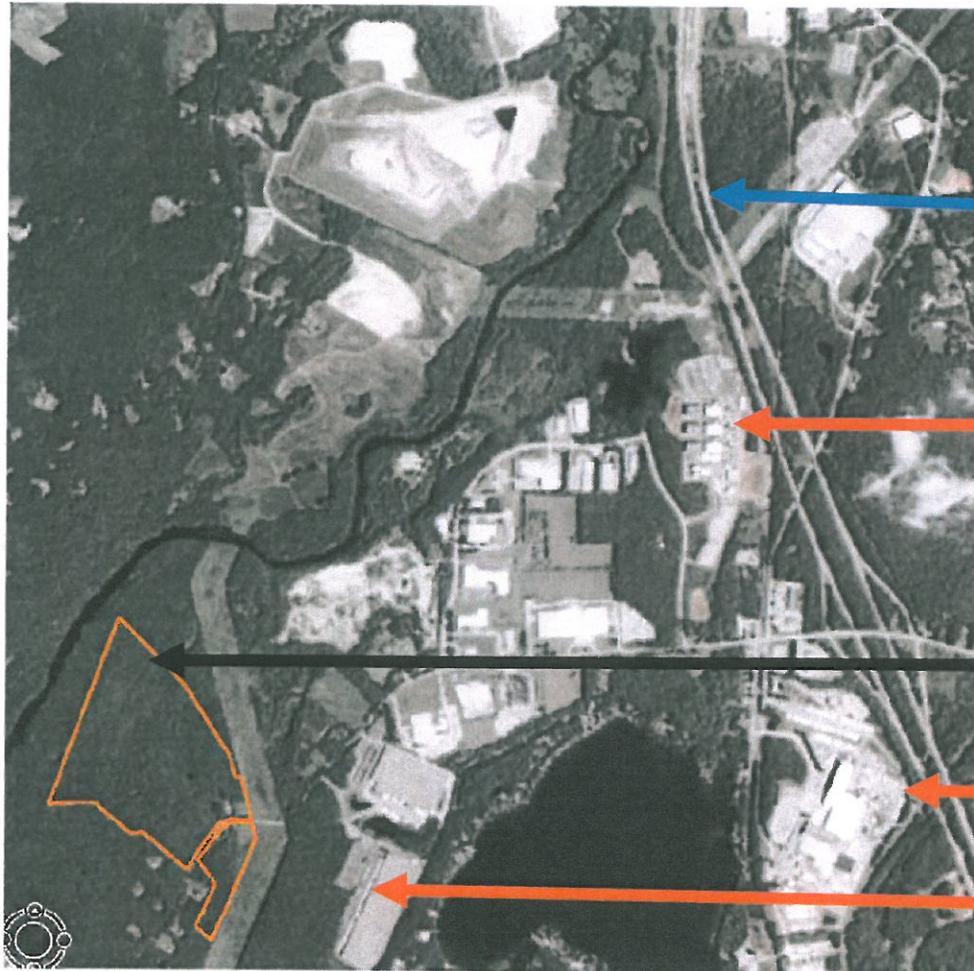
 Industrial



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Killingly Energy Center Location



I-395

Lake Rd. Gen Station

Killingly Energy Center

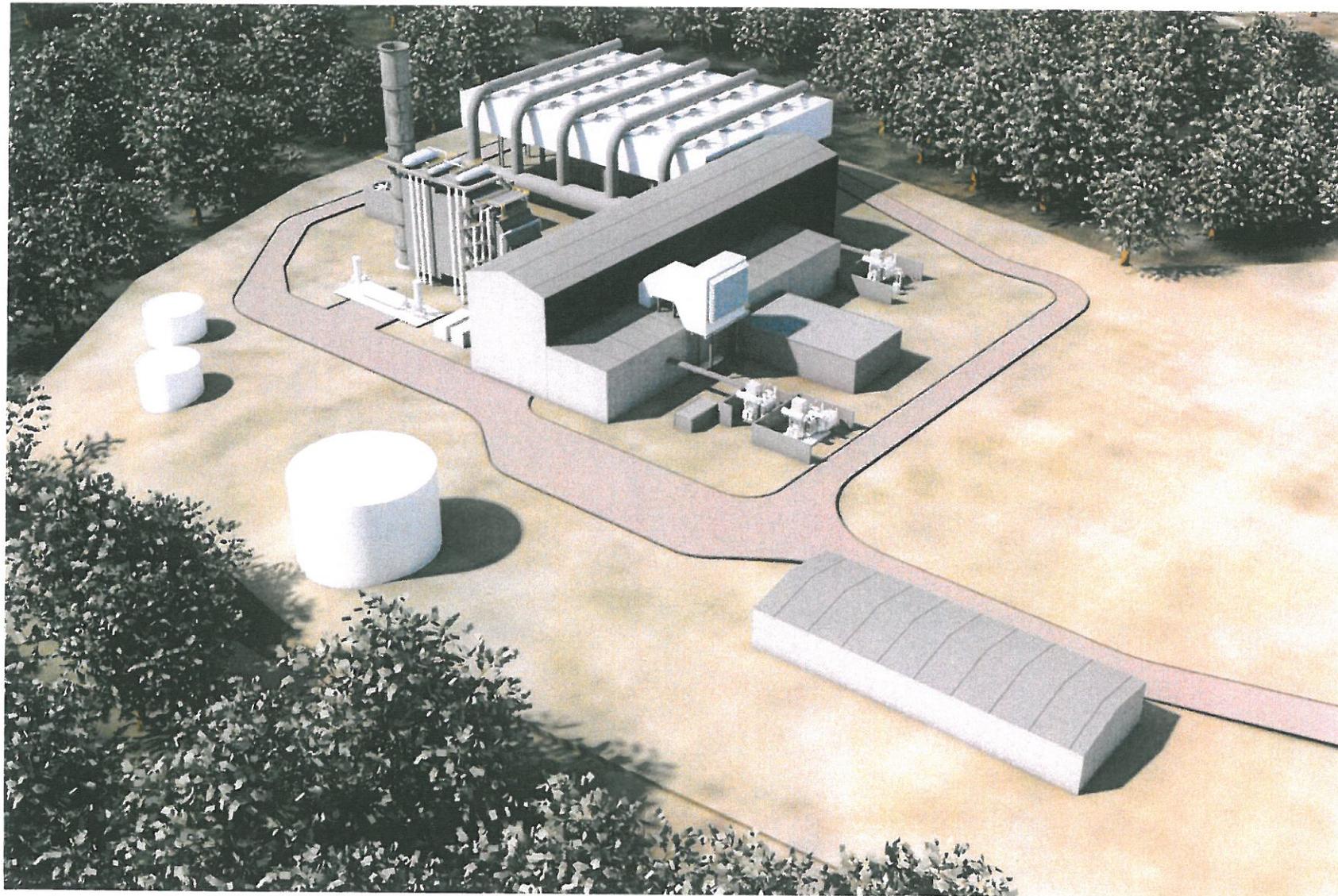
Frito-Lay

Rite-Aid Dist. Center



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Killingly Energy Center | Preliminary Rendering



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Preliminary Project Schedule

Spring/Summer 2016

- Interconnection Request
- Air Permit Application
- Siting Council Application

Winter/Spring 2017

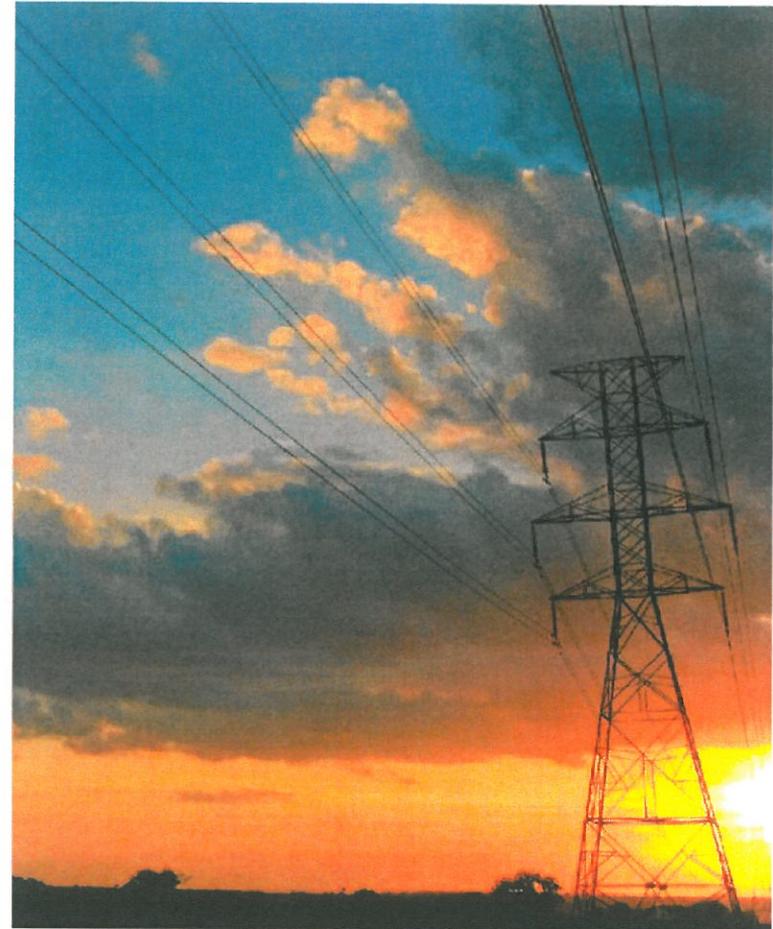
- Anticipated Siting Approval
- Anticipated Permits

Summer 2017

- Start Construction

Summer 2020

- Commercial Operation



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Learn more

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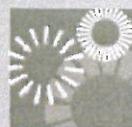
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