

# Quonset Energy Storage Project

Energy Facility Siting Board- Preliminary Hearing  
April 28, 2026

GDQ ESS, LLC

The logo for Quonset Development Corporation features a stylized, white, wave-like graphic on the left that forms the letter 'Q'. To the right of this graphic, the word 'QUONSET' is written in a large, white, serif font. Below 'QUONSET', the words 'DEVELOPMENT CORPORATION' are written in a smaller, white, sans-serif font.

QUONSET  
DEVELOPMENT CORPORATION

# Our Agenda for Today

01

Introduction to QDC

03

Project Overview

02

Introduction to GDQ ESS

04

Potential Advisory Opinions

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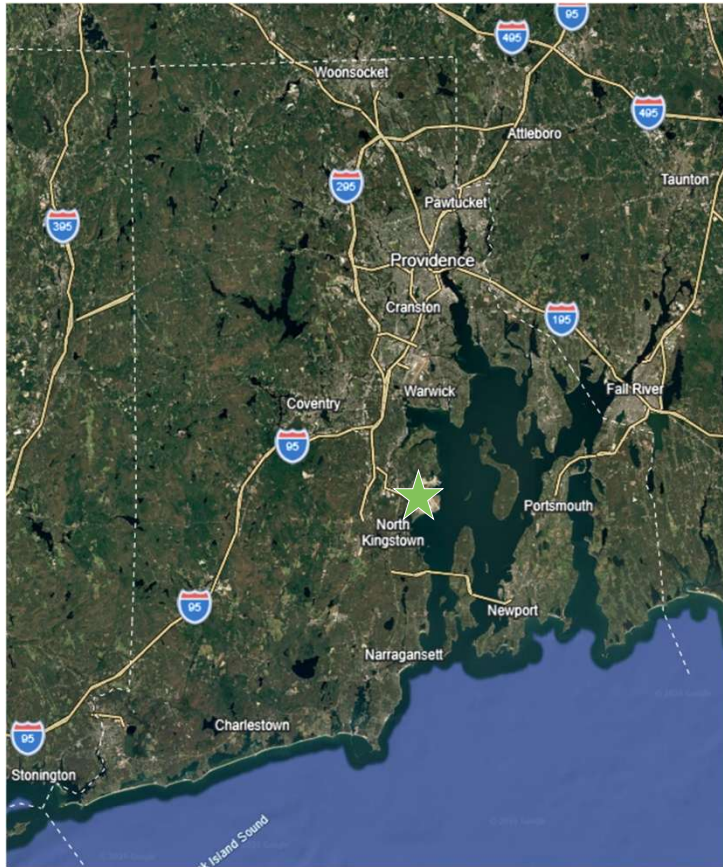
02

Introduction to GDQ ESS

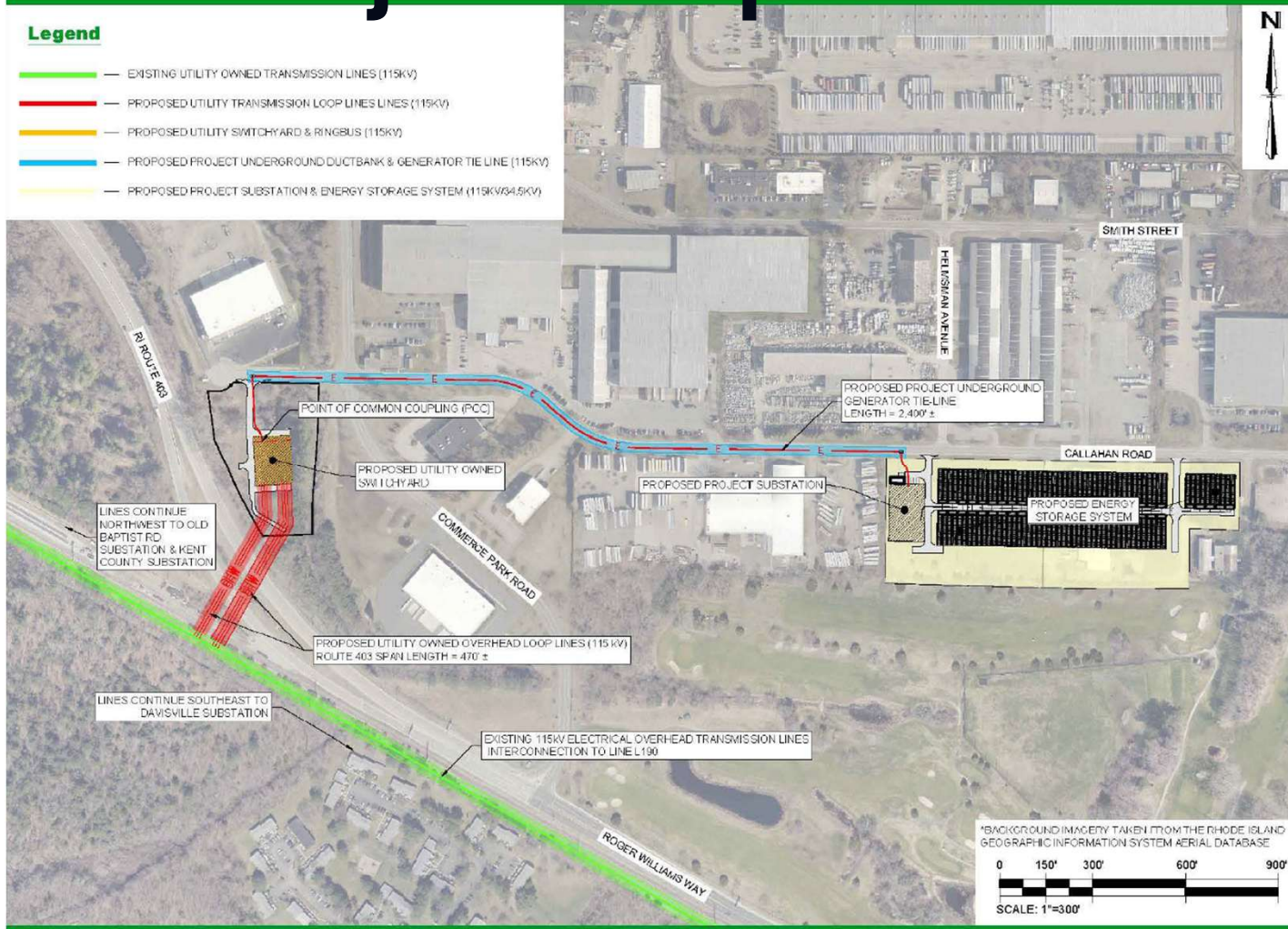
04

Potential Advisory Opinions

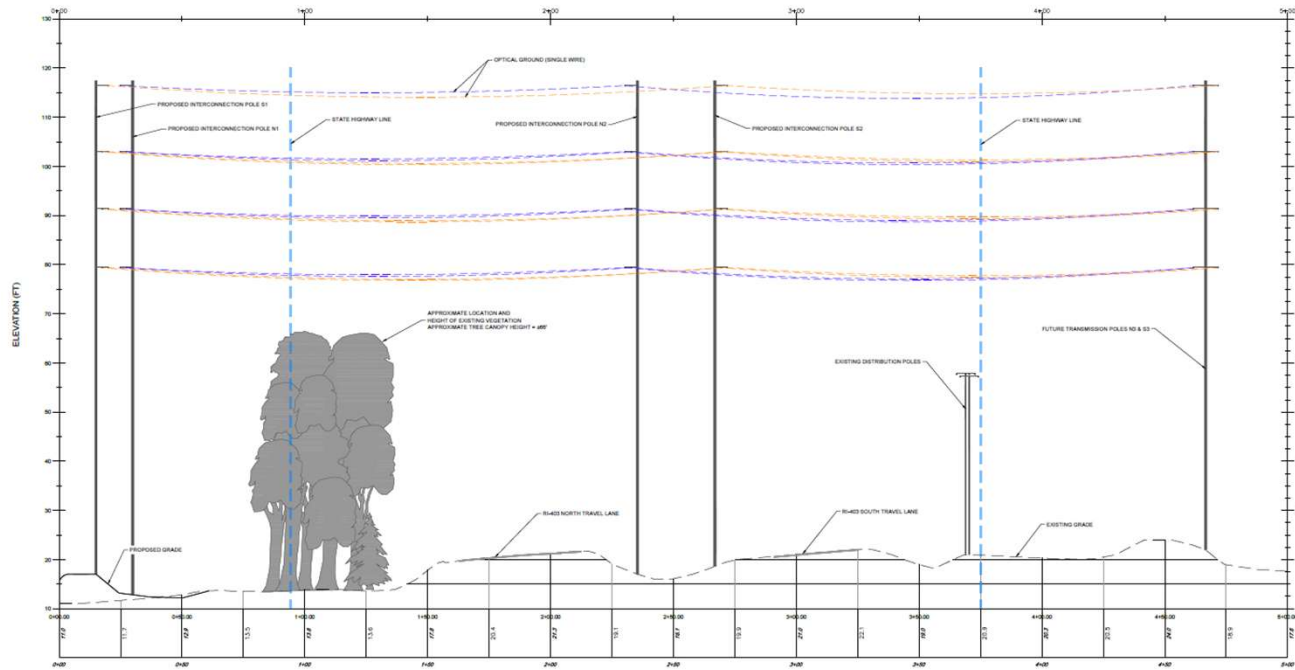
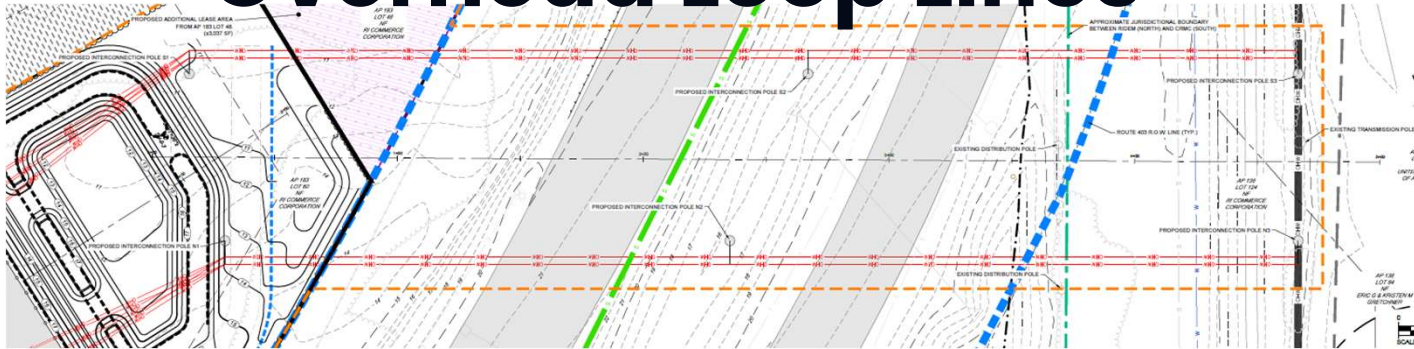
# Project Location



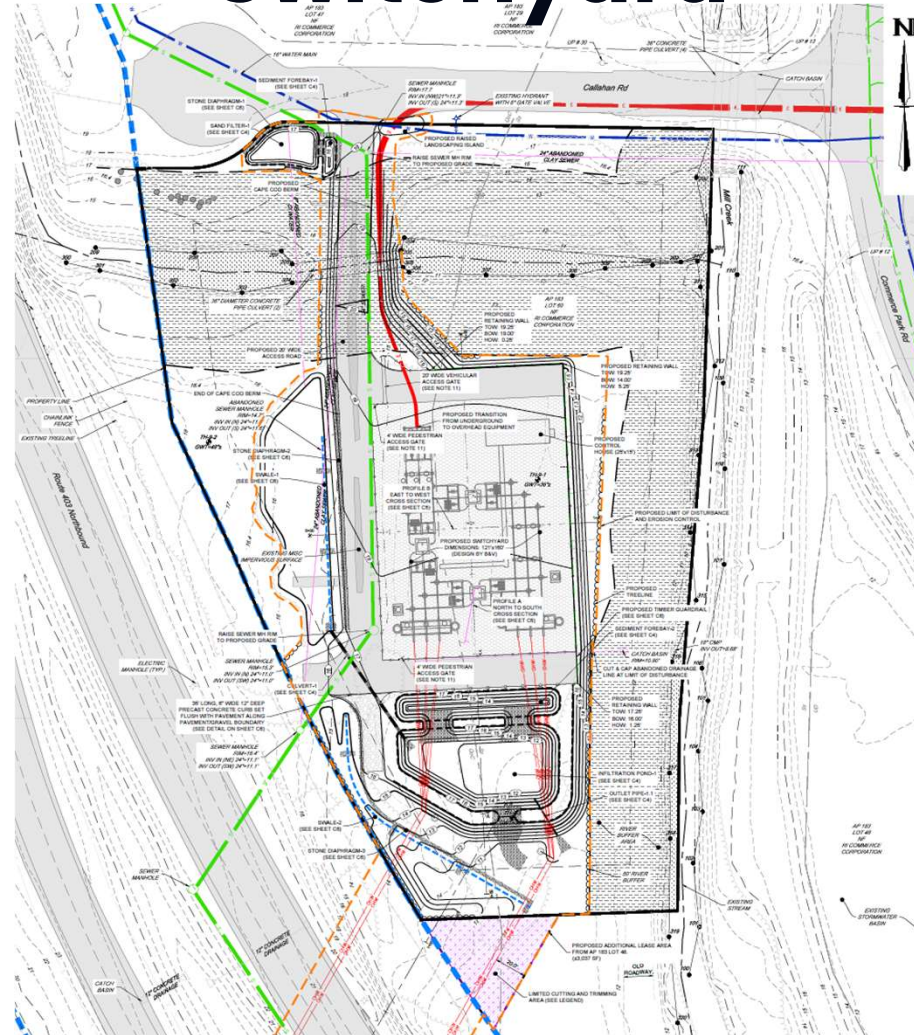
# Project Components



# Overhead Loop Lines



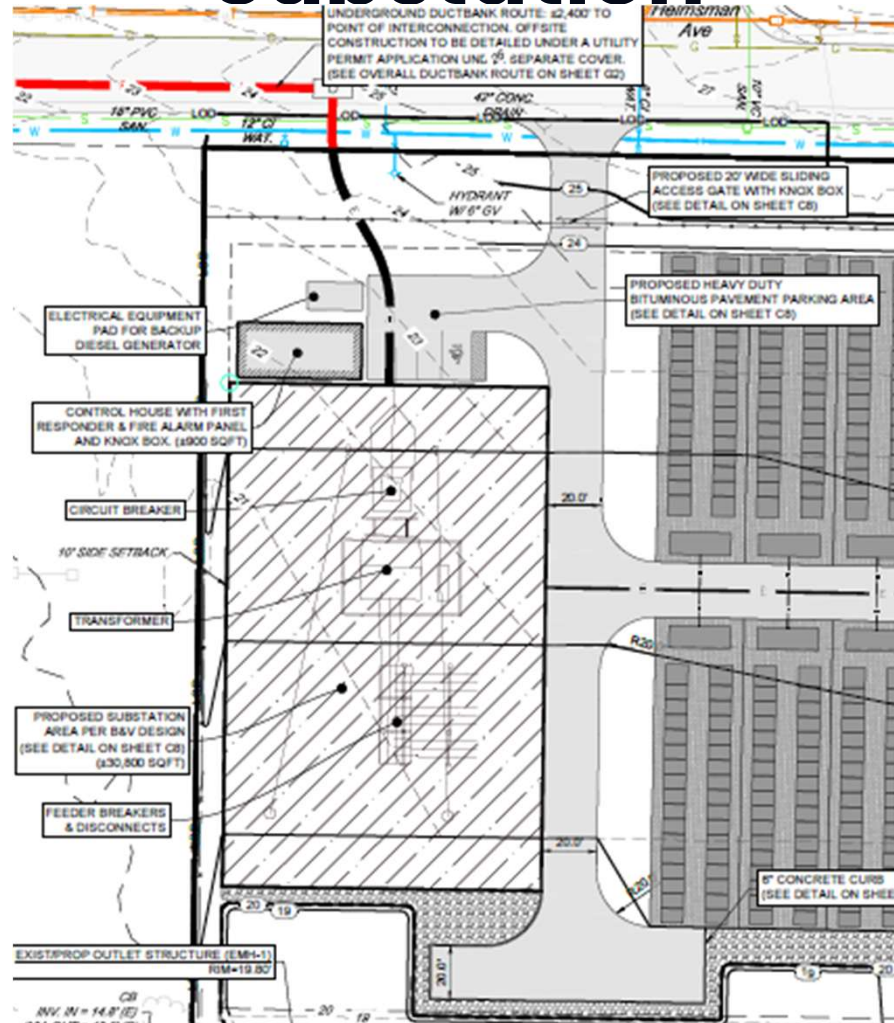
# Switchyard



# Underground Gen-Tie Line



# Substation





# Public Need

## State of Rhode Island Energy 2035 Plan

This long-term roadmap focuses on energy security, cost-effectiveness, and sustainability. Batteries help through peak shaving and help to integrate renewables into the grid.

**2014 Resilient Rhode Island Act**  
**2014 Affordable Clean Energy Security Act**  
**2024 Energy Storage Systems Act**

# Cost Justification

- ★ All construction costs fully funded by GDQ-ESS –  
No upfront costs to customers
- ★ Revenue from operation will be market-based or  
based on programs subject to regulatory review

# Socioeconomic Benefits

## Jobs :

- ★ 60 direct, indirect, and induced (Construction)
- ★ 10 direct, indirect, induced (Operation)

## Investment :

- ★ Project developer financed

## Land Use :

- ★ Redevelopment within Quonset Business Park
- ★ Industrial Zoned properties
- ★ Utilizes recently upgraded transmission

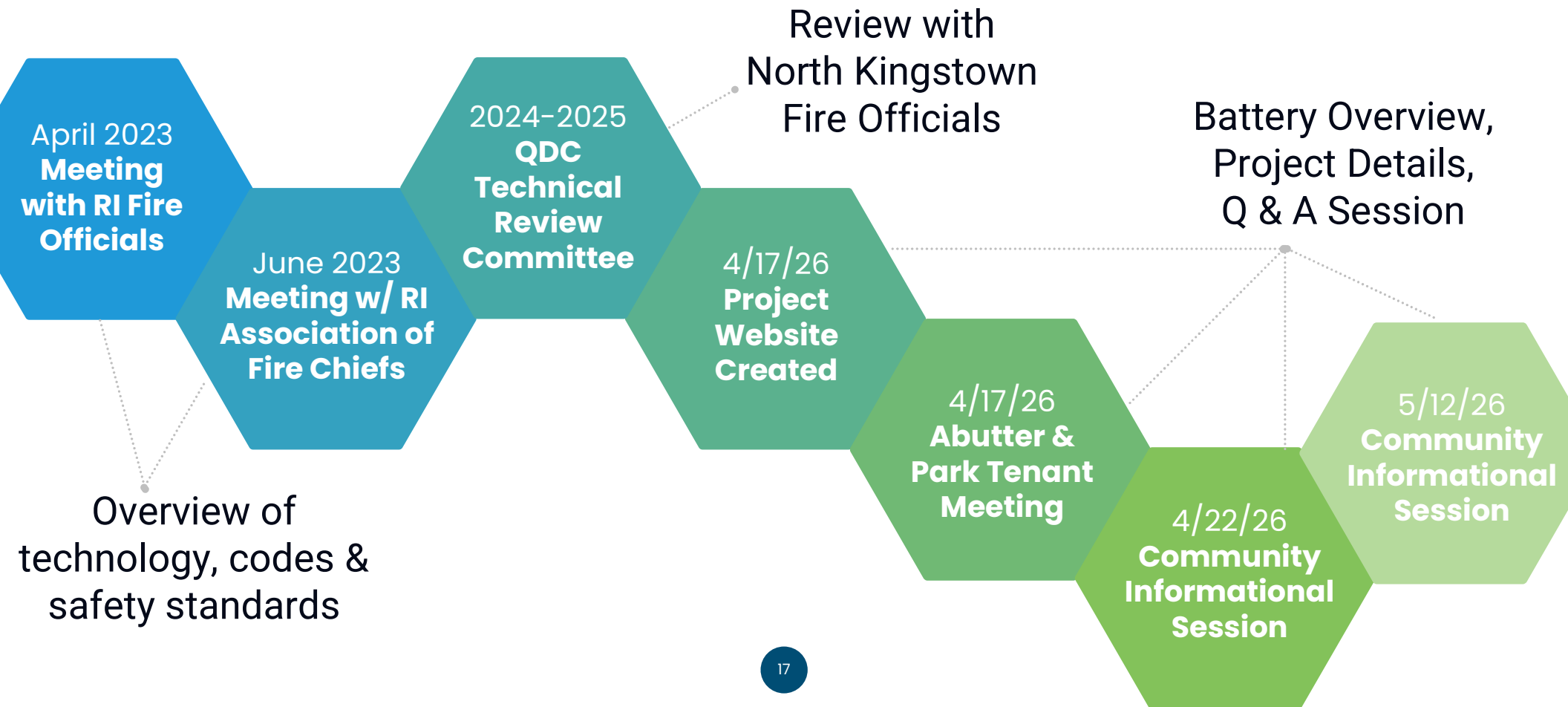
## Additional Public Benefit :

- ★ New NK Fire Station 6

# New Town of North Kingstown Fire Station



# Community Outreach



# Communication Plan

[www.quonsetenergystorage.com](http://www.quonsetenergystorage.com)



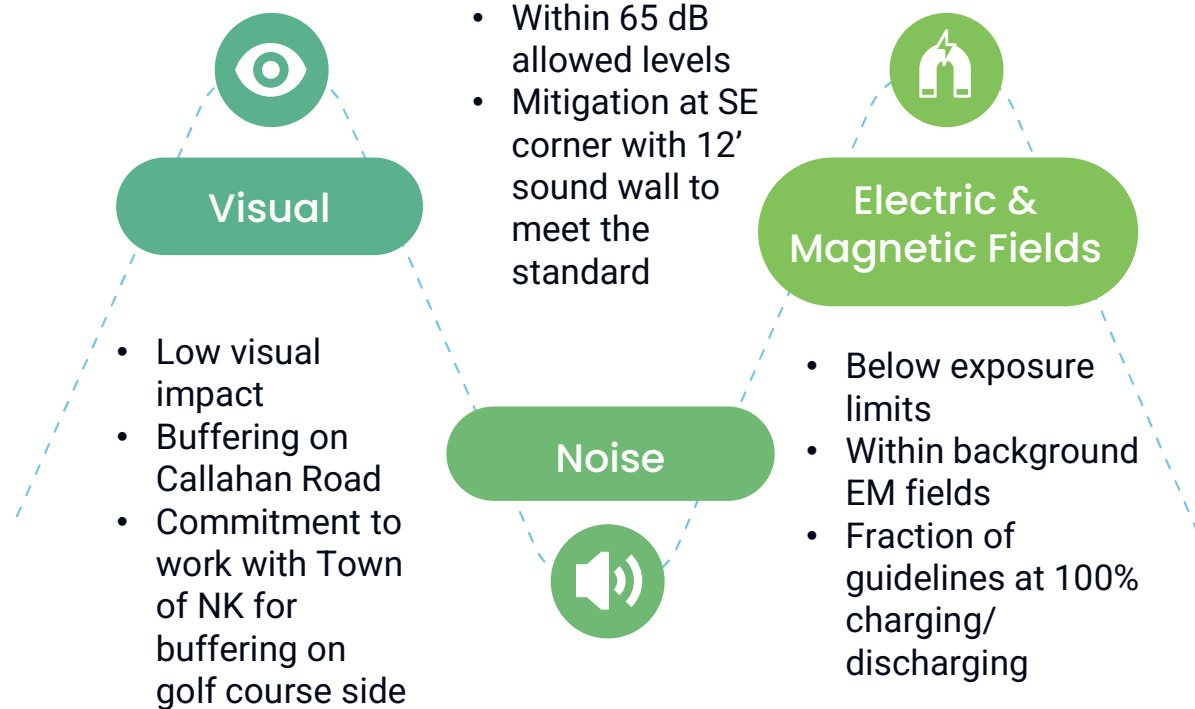
Project Website Updates  
Detour Signs & Message Boards  
Sign-Up for Notices about Construction Activities  
Staffed Field Office



# Environmental



# Environmental



# Project Review

Agencies Involved	Type of Review
QDC	Technical Review of Battery Energy Storage System & Switchyard
QDC	Utility Permit
RIDEM	Wetlands & RIPDES
RIDOT	Utility Permit
FAA	Determination of Hazard
RIHPHC	Review
ISO New England	System Impact Study & LGIA
State Building Official	Building & Electrical Permits

# Designed with Safety in Mind

## Site Layout:

- ★ Site Security: 8' fencing, access control and camera systems
- ★ Physical separation of battery units
- ★ Use of clearance and perimeter setbacks
- ★ First Responder station & control house
- ★ First Responder access throughout the site

## Controls & Monitoring:

- ★ Integrated Battery Management System (BMS)
- ★ Early detection & hazard mitigation systems
- ★ 24-hour remote monitoring for alarms & controls  
(North American Electric Reliability Corporation Compliant - NERC)

# Designed with Safety in Mind



# Project Team



## Co-Applicants

Quonset Development Corporation  
GDQ ESS, LLC



## Safety

Energy Safety Response Group, LLC



## Viewsheds

EDR



## Legal Counsel

Hinckley Allen  
Keough & Sweeney



## Landscape

Kevin M. Alverson Landscape  
Architects



## Historic/Archeological

The Public Archeology Laboratory, Inc.



## Civil/Project Lead

Green Development, LLC



## Electro Magnetic Fields

Exponent, Inc.



## Wetlands Biologist

McCue Environmental

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Town of North  
Kingstown



RI Public Utilities  
Commission



RI Dept. of  
Environmental  
Management



RI Office of  
Energy Resources



RI Division of  
Statewide  
Planning



RI Historic  
Preservation &  
Heritage  
Commission



RI Dept. of  
Transportation



RI Dept. of Health



Quonset  
Development  
Corporation



RI State Building  
Office & Fire  
Marshall