



# NH Energy Efficiency Programs – Looking Ahead

**Mark Toussaint, Eversource**

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# NH Energy Efficiency Programs

## 2020 Status

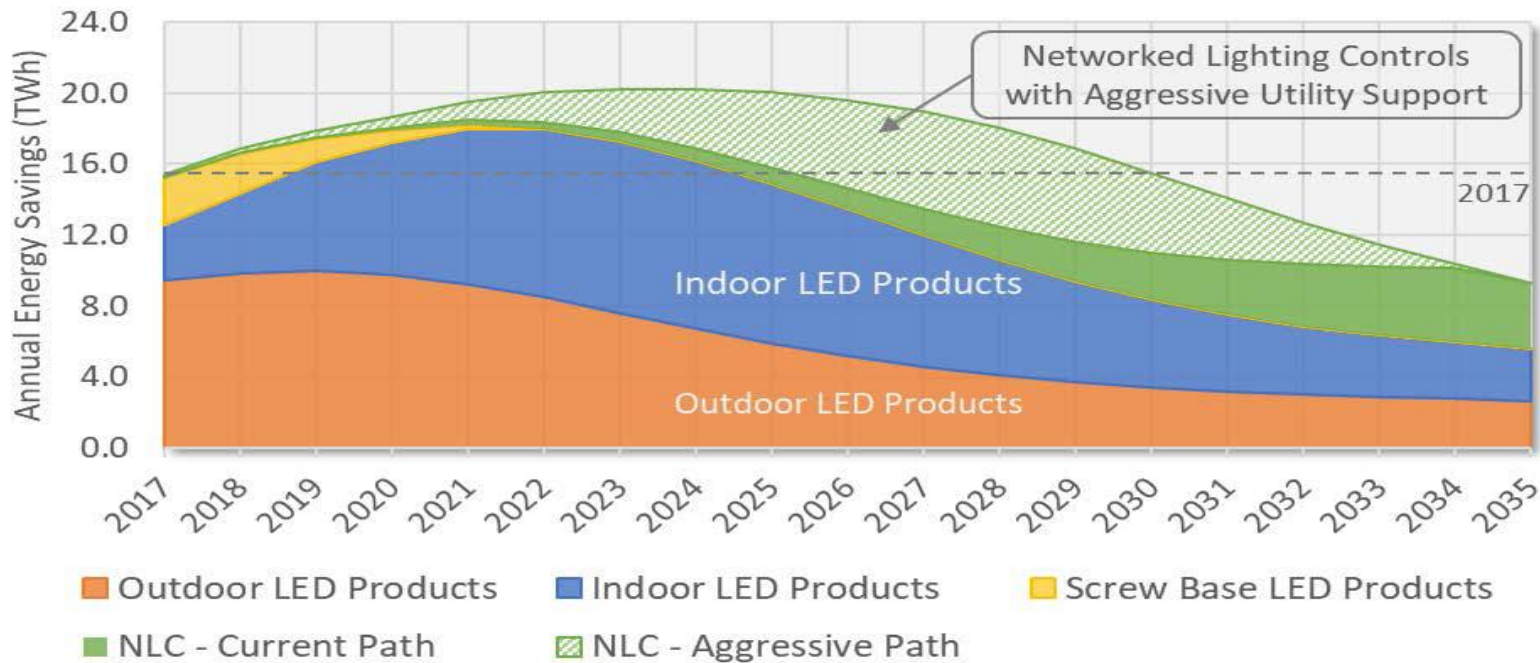
- Programs back up and running
- Had paused due to COVID, but used that time to train contractors, plan for reopening
- Programs are fully open now
- Most utilities currently offering enhanced incentives and actively looking for projects.

# NH Energy Efficiency Programs

## 2021 Plan

- Increased goals and budgets
- Emphasis on control systems
- More emphasis on comprehensive projects
- New whole-building approach to new construction
- New ways of reaching customers

## U.S. Non-Residential Annual Energy Savings Potential Based on DOE Stock Estimates and Forecasted Adoption & Efficacy



Source: DesignLights Consortium (DLC); Energy Savings Potential of DLC Commercial Lighting and Networked Lighting Controls ; July 2018

# What is a Networked Lighting Control (NLC) System?

A sophisticated lighting control system

- with multiple components,
- connected by a network,
- offers multiple energy savings strategies,
- provides energy reporting, and
- may be integrated with various building systems

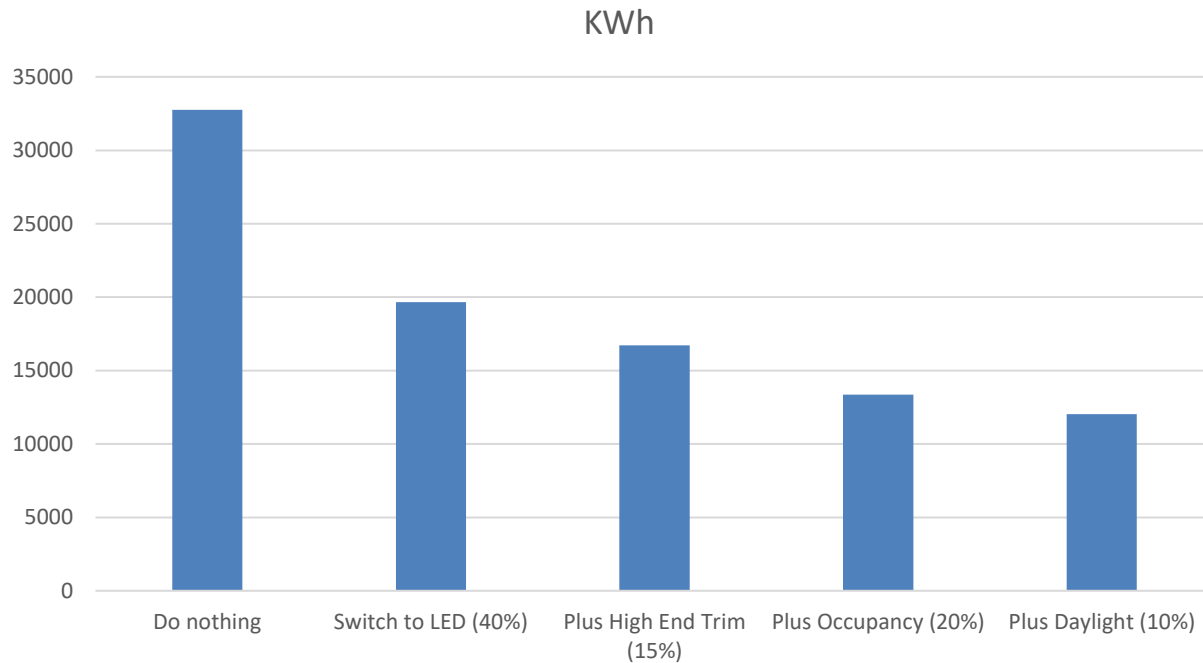


# NLC Capabilities

- Networking of Luminaires and Devices
- Occupancy Sensing
- Daylight Harvesting/Photocell Control
- High-End Trim
- Zoning
- Luminaire and Device Addressability
- Continuous Dimming

# Combined Benefits of NLC

Sample project: Warehouse with (20) 400W Metal Halides running 3600 hours



# New customer approaches

- Tiered incentives to encourage comprehensiveness
- Incentives bundled by customer type (restaurants, schools, etc.)
- Coordination between utilities
- Upstream/midstream programs



# Process Optimization

- Moves focus away from end uses and on to process
- Identify and address waste in a process
- Savings potential far exceeds that of component replacement

# Thank You!

Mark Toussaint

Energy Efficiency Consultant

Eversource

603-634-2301

Mark.Toussaint@Eversource.com