

2019



April 1 - 3 • St. Louis, MO

STAKEHOLDER MEETING



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STAKEHOLDER MEETING

Welcome to St. Louis!



How are you doing?

- Energized! Ready to participate
- Interested, Listening ears ON
- Stressed out, multi tasking already
- Tired, let me tell you about my travel woes
- It's 8am, ask me later...



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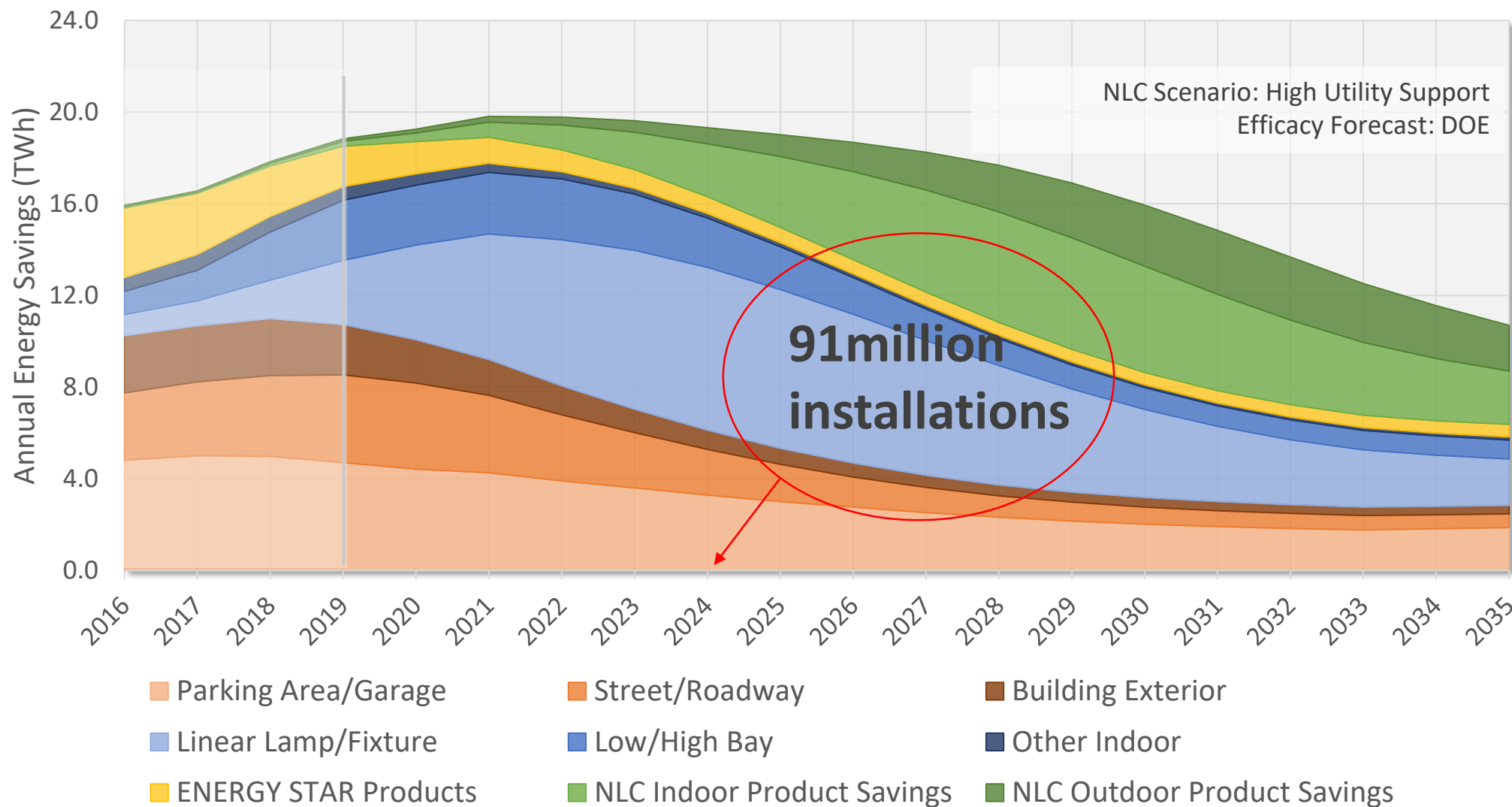
Manufacturers

SSL Technical Requirements

Year	SSL Version	Average Efficacy Increase
2011	1.6	25%
2013	2.0	17%
2015	3.0	Add premium classification
2016	4.0	27%
2019	5.0	9.6% (proposed)



U.S. Non-Residential LED Annual Energy Savings Potential





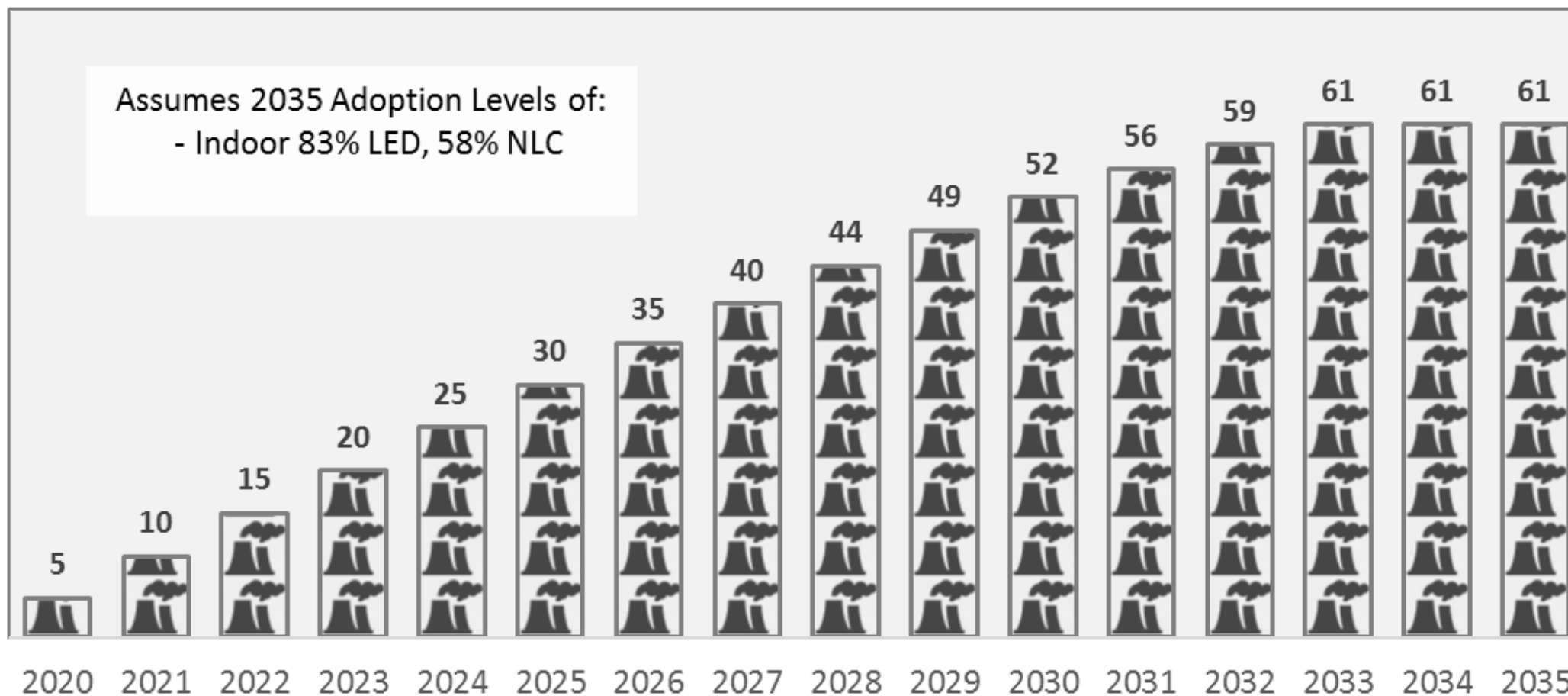
NLC Policy development

Year	Version	Technical Criteria Development
2016	1.0	<ul style="list-style-type: none"> Defined initial set of capability requirements
2017	2.0	<ul style="list-style-type: none"> Addition of Exterior System Requirements New reported system information, including API and characteristics, color tuning, start-up and configuration party, and security information
2018	3.0	<ul style="list-style-type: none"> Multiyear plans for Energy Monitoring and Cybersecurity Additional reporting on External Systems Integration and Scene Control Addition of DC/PoE systems
2019	4.0 (Proposed)	<ul style="list-style-type: none"> In V4, Energy Monitoring a required capability. In V4, defined criteria for acceptable cybersecurity standards. Propose to develop a multiyear plan for Interoperability New reported Interoperability capability by reorganizing data already in QPL under various headings



Cumulative Number of 500 Megawatt Power Plants Equivalent to C&I LED + NLC Lifetime Savings Potential

Assumes 2035 Adoption Levels of:
- Indoor 83% LED, 58% NLC





The Next Challenge: SSL 5.0 Quality and NLC 4.0

How
will
this
work?

Not enough
data!

Priority #1

What's the
next step?

Too much data!





Agenda

Panels

Discussion sessions

Breakout sessions

Structured Networking

Highlights and lessons