



Item 8: Flexible Demand Appliance Standards for Pool Controls (23-FDAS-01)

October 18, 2023, Business Meeting

Nich Struven, Senior Engineer, Appliances Branch
Efficiency Division



Overview

Pool Controls



Equipment in Separate Enclosures



Equipment in Single Enclosure



Benefits to Californians

- Avoid GHG emissions



17 million mature trees

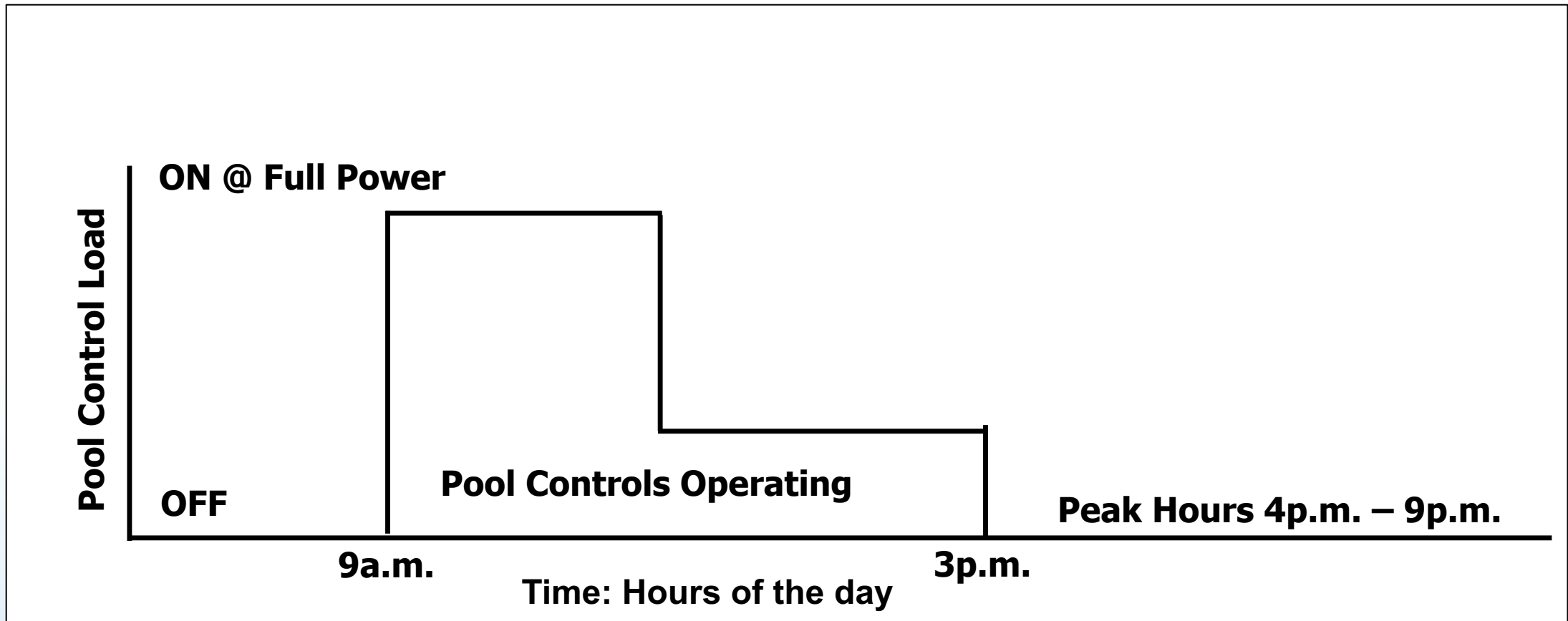


85,000 internal combustion engines



Benefits to Californians

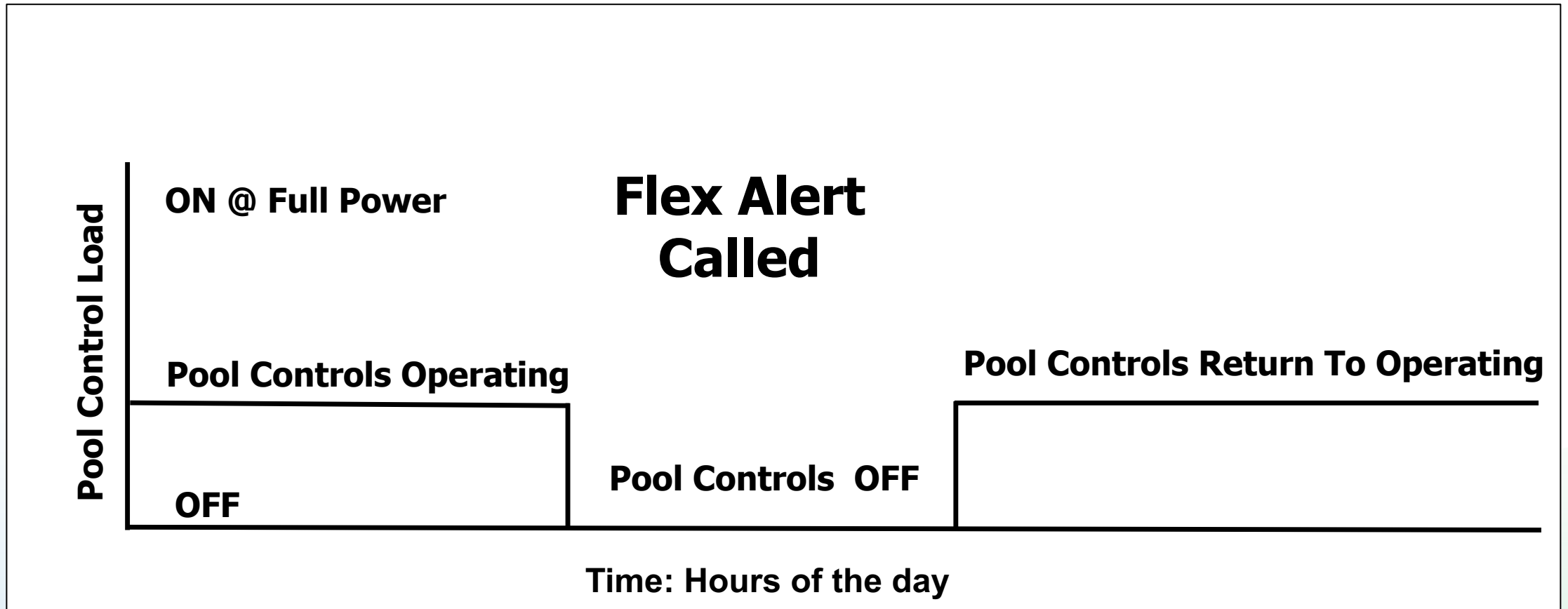
- Daily load shift potential





Benefits to Californians

- Grid reliability & resilience





Benefits to Californians

- Electricity bill savings





Performance Requirements

Pool controls must include:

- Optimized default schedule
- Wireless connectivity
- Consumer consent protections
- Cybersecurity protections



Thank you

Staff requests:

- Adoption of CEQA exemption determination
- Adoption of the proposed regulations for flexible demand appliances, generally, and for flexible demand pool control standards, specifically, with an effective date of **September 29, 2025.**