



# Committee on Electricity

## For the Long Haul: Planning for Decarbonization of Medium and Heavy-Duty Vehicles

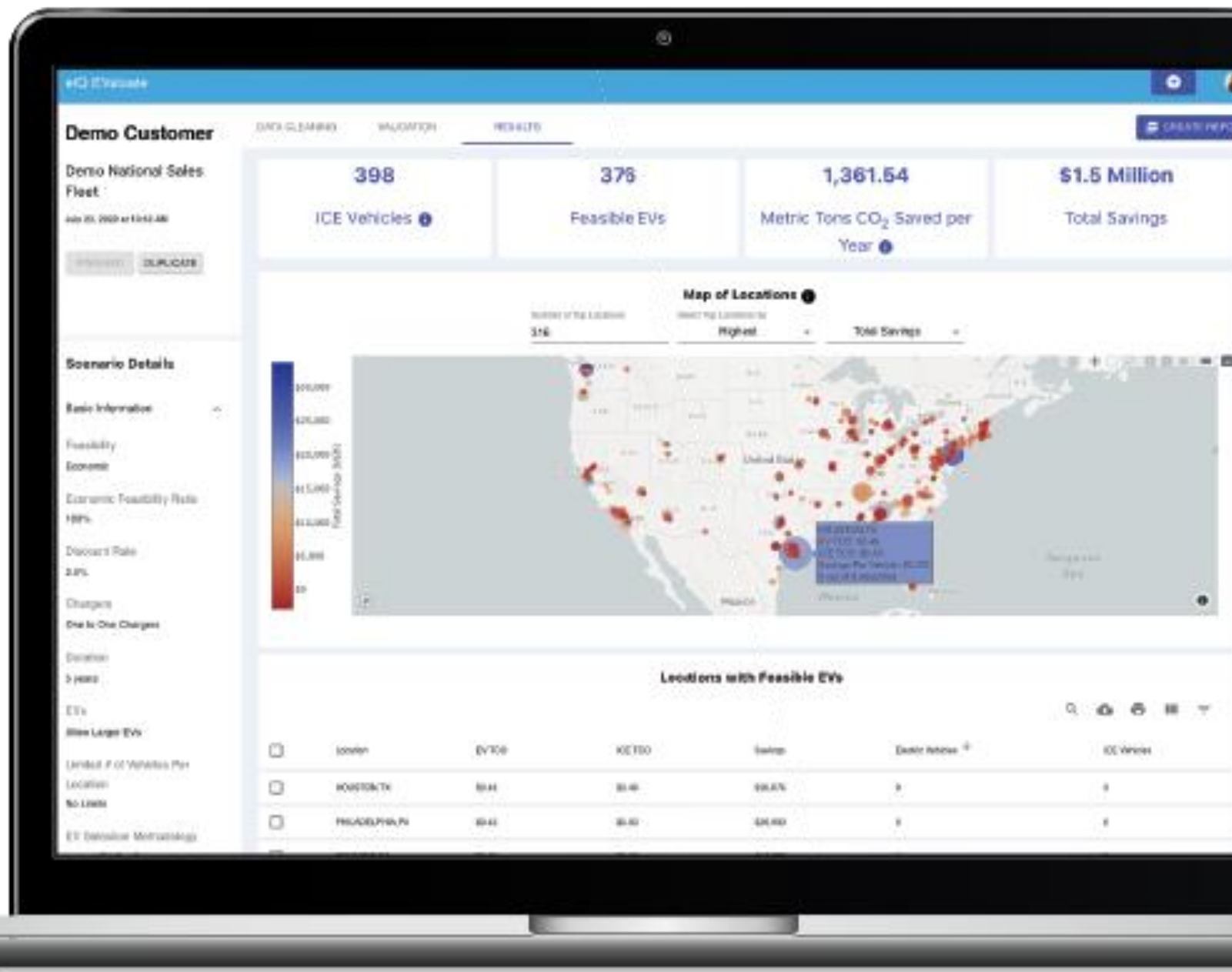
1:45-2:45pm

**Moderator:** Hon. Kent Chandler, Kentucky

**Panelists:**

- Yann Kulp, Director of Business Development Fleet Electrification Advisory, NextEra Mobility
- Raghusimha Sudhakara, Vice President, Distributed Energy Resources, ConEd
- Sarah Moskowitz, Executive Director, Illinois Citizens Utility Board
- Andrea Pratt, Zero Emission Technology Program Director, Volvo Group North America
- Patrick Charette, Director, Hydrogen Fueling and Distribution Solutions for Nikola Motors

# Advisory



# E-Port™





Charging as a  
Service





GREENLANE™



DAIMLER TRUCK  
North America



# **VOLVO GROUP TRUCKS, BUSES AND MACHINES IN NORTH AMERICA**

**NARUC Summer Policy Summit 2023 – For the Long Haul: Planning for Decarbonization of MHD Fleets**

**Andrea Pratt, Zero Emission Technology Program Director**



VOLVO

## Volvo Group Has a Broad Offering of Heavy-Duty Battery Electric Products



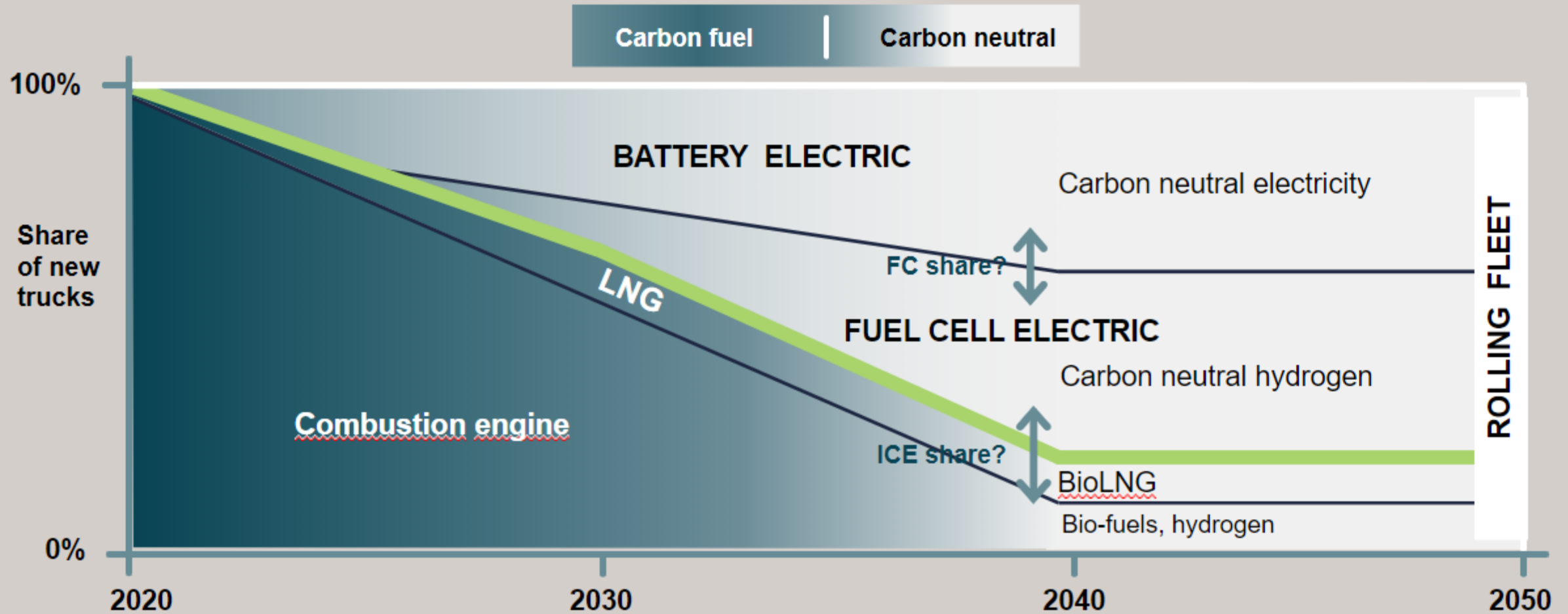


# Setting a Clean Direction

- 100% fossil free vehicles by 2040
- 35% electric vehicles by 2030
- Introduction of fuel cell vehicles in the second half of this decade



# 100% fossil free Volvo Group vehicles from 2040





# Welcome to the refuse revolution.

Mack® LR Electric



# One of Largest Nonprofit Recyclers, Eco-Cycle, Orders Mack® LR Electric as its First BEV

02-10-2022

BOULDER, CO (Feb. 10, 2022) – Mack Trucks announced today that Eco-Cycle, one of the largest nonprofit recyclers and Zero Waste organizations in the U.S., recently ordered a Mack® LR Electric battery electric vehicle (BEV) - the first BEV that Eco-Cycle will add to its fleet.



## Electromobility in Refuse

### City of Santa Cruz, California, Purchases Mack LR® Electric Vehicle to Help Meet Sustainability Goals

05-11-2022

LONG BEACH, California (May 10, 2022) – The City of Santa Cruz, California, recently purchased a Mack LR® Electric refuse vehicle, the first fully electric vehicle in the municipality's sanitation fleet, and plans to purchase another. Mack made the announcement during the Advanced Clean Transportation (ACT) Expo, May 9-12, at the Long Beach Convention Center.





# MACK MD ELECTRIC





# CHARGING AHEAD THE VOLVO VNR ELECTRIC





VOLVO

## Widest range of configurations



VNR 300  
4x2 Tractor  
66,000 GCW  
4 Battery Pack



VNR 300  
6x2 Tractor  
82,000 GCW  
4 & 6 Battery Pack



VNR 300  
6x4 Tractor  
82,000 GCW  
4 & 6 Battery Pack



VNR 300  
4x2 Straight Truck  
33,000 GVW  
4 Battery Pack



VNR 300  
6x4 Straight Truck  
54,000 GVW  
4 Battery Pack



VOLVO

We act now to deliver sustainable transport solutions to our customers







# L25 ELECTRIC

Volvo Electric Compact Wheel Loader

# ECR25 ELECTRIC

Volvo Electric Compact Excavator









**NOVABUS**  
bring life to your city





ELECTROMOBILITY AND ELECTRIC POWER  
SOLUTIONS

# VOLVO PENTA ELECTRIC POWER







**Penta Rosenbauer RTX Electric Fire Truck**





VOLVO PENTA

**V O L V O**

**Thank you!**

Andrea Pratt

Zero Emission Technology Program Director, Volvo Group North America

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