

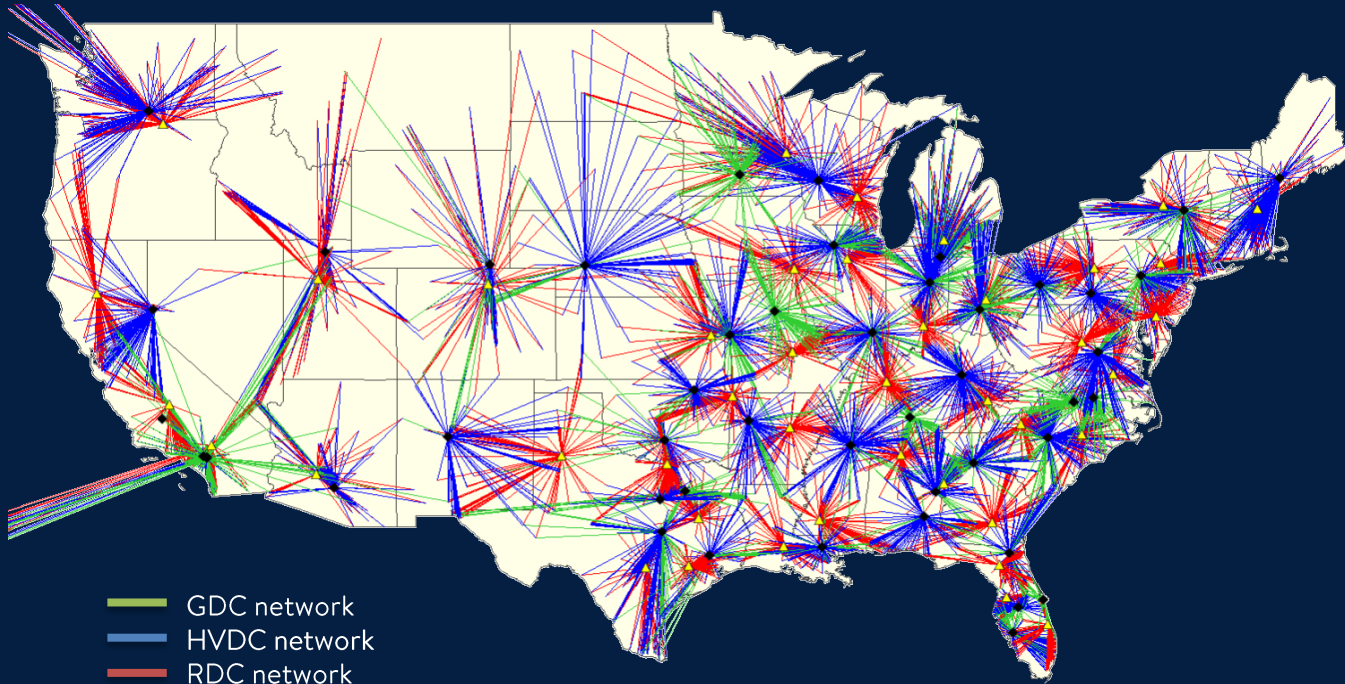


# The Road to Fleet Electrification

Jennifer Wheeler, Walmart Supply Chain Sustainability

February 2020

# Walmart Network



## Stores

- 5,300 stores/clubs
- 5 formats
- 38,000-185,000 f<sup>2</sup>
- 2.2M associates
- Walmart.com

## Distribution Centers

- 176 facilities
- 18 formats
- 75-100 stores / DC
- 250 mile radius
- # Yard Trucks

## Transportation

- 8,700 drivers
- 7,000 tractors
- 60,000 trailers
- 750M miles / year
- WAD of 131 miles

# Heavy Duty Electrification

## A Paradigm Shift



### Training

- Drivers
- Shop Techs
- Support Teams
- Emergency Services



### Infrastructure

- Resiliency & Storage
- National / Regional
- Charging standards
- Term Requirements



### Operations

- Systems Integration
- New Ways of Working
- Charging Impact to HOS
- The Unknown



### Service & Support

- Proximity to Providers
- Maximizing Uptime
- Parts Availability
- Replacement Vehicles



# Current State vs Future State

## Current State

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- Captured Asset
- Duty Cycle
- Available



## Future State

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- Infrastructure
- Range
- Equipment