

# Financing the Energy and Electrification Transition

11:00 AM – 12:00 PM

## MODERATOR



**Cathy Nelmes**

Financial Program Manager  
Federal Aviation Administration

## SPEAKERS



**Mike Nakornkhet**

Chief Financial Officer  
Denver International Airport



**Angela Shafer-Payne**

Chief Development Officer  
San Diego International  
Airport



**Juan Macias**

Chief Executive Officer  
AlphaStruxure LLC

# Financing the Energy and Electrification Transition

CATHY NELMES



Financial Program  
Manager  
Airports / FAA

- Financial Program Manager for Airport Development in FAA's Southern Region
- Programs include Airport Improvement Program and Bipartisan Infrastructure Law
- Previously worked in FAA/Headquarters and Atlanta Airport District Office

# Financing the Energy and Electrification Transition

MIKE NAKOR NKHET



Chief Financial Officer  
Denver International Airport

- **Current Projects:**
  - **Bus fleet electrification**
  - **Energy Performance Contract**
  - Green buildings
  - Waste diversion
  - EV charging master plan
- **Projects unique to DEN's attributes:**
  - **Aircraft De-icing System modernization**
  - **95 acres of solar arrays**
- **Future Projects:**
  - **Potential electrified consolidated rental car center**
  - **PFAS Voluntary Cleanup Program (VCUP)**
  - **Environmental, Social & Governance (ESG) reporting**

# Financing the Energy and Electrification Transition

ANGELA SHAFER-PAYNE



Vice President, Chief  
Development Officer  
San Diego County  
Regional Airport Authority

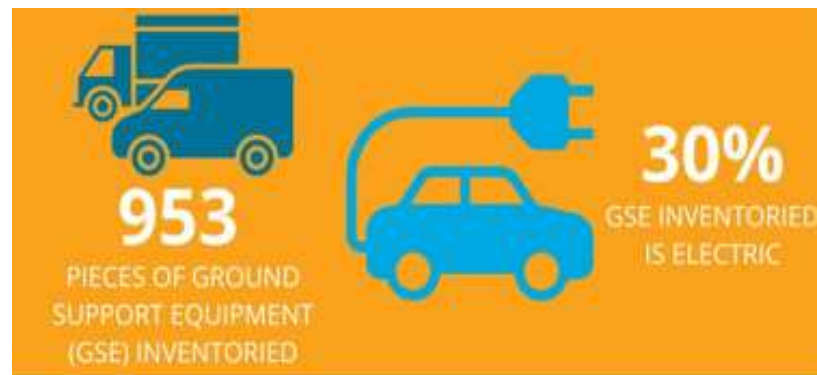
**SAN's electrical load will more than triple in the next 5 years:**

- Electrification of Rental Car Center
- New 31 Gate Terminal
- Electric Vehicle Charging

**SAN is surrounded by Development – not just a SAN challenge**

**Future/Options:**

- Electrical Hierarchy
- 100M Electrical Upgrade Investments



# Financing the Energy and Electrification Transition



A Carlyle and Schneider Electric Company

AlphaStruxure helps organizations achieve ambitious, tailored energy transformations — without the CapEx or complexity. As owners of our clients' Energy as a Service infrastructure, we're fully accountable for your long-term goals around resilience, reliability, greenhouse gas reduction, and cost stability.



Design



Finance



Build



Own



Operate



Maintain

JUAN MACIAS



Chief Executive Officer  
AlphaStruxure

## Increased Energy Demand for Airports of the Future

