

# Natural Gas:

# Lifeblood of the Southeast

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### KINDERMORGAN

# Kinder Morgan's Infrastructure Portfolio

### NATURAL GAS



26%

#### Largest U.S. Natural Gas Transmission Network

- ~66,000 miles of natural gas pipelines moving ~40% of U.S. natural gas production
- Interest in over 700 bcf of working storage capacity, ~15% of U.S. capacity

#### **REFINED PRODUCTS**

Largest U.S. Independent Refined Products Transporter & Terminal Operator

- Transport ~1.7 mmbbld of refined product volumes
- ~9,500 miles of refined products & crude pipelines
- 139 liquids & bulk terminals; 16 Jones Act vessels
- 135 mmbbl of total liquids storage capacity

#### $CO_2$ -

9%

**BUSINESS MIX** 

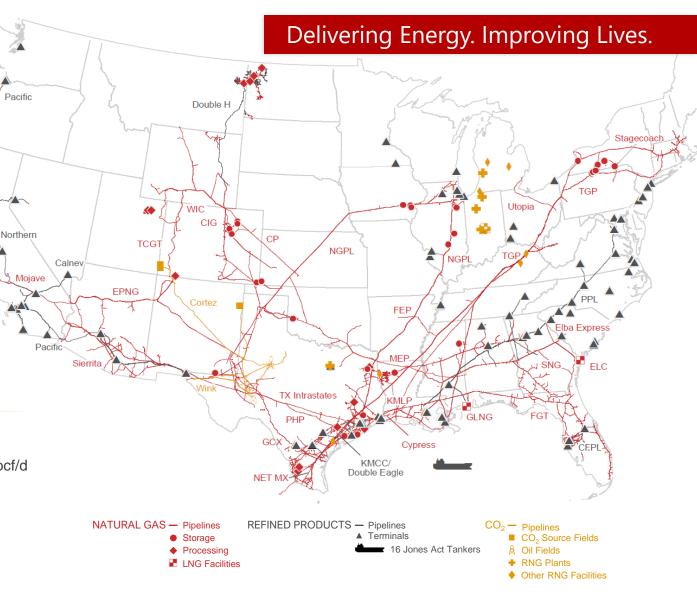
#### One of the Largest CO<sub>2</sub> Transporters in the U.S.

- ~1,500 miles of CO<sub>2</sub> pipelines with transport capacity of ~1.5 bcf/d
- Produce and transport CO<sub>2</sub> for enhanced oil recovery

#### Growing Energy Transition Portfolio

RNG production capacity of 6.4 bcf<sup>(b)</sup>

Note: Volumes per 2025 budget. Business mix based on 2025 budgeted Total Adjusted Segment EBDA.
a) Refined Products includes 13% from our Products Segment and 13% from our Terminals Segment.
b) Annual capacity at KMI share expected Q1 2025. Autumn Hills RNG facility in late stages of commissioning.



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# Energy Demand Drivers – Technology, Industry, Regional Growth, and Regulations

# Power demand for Artificial Intelligence more power?

Manufacturin Projected US data center energy consumption (medium scenario), terawatt-hours

Projected US data center share of total US power demand, %



### Elba Island LNG Import Facility analysis Hyperscale Data Center All lique faction facility facility in the lique faction of the lique factor of th

## Previously, at the LDC Gas Forum Southeast.....





23<sup>rd</sup> Annual

April 12 – 14, 2023

Westin Savannah Harbor Golf Resort & Spa Savannah, GA

### WANT TO MAKE A BIGGER IMPACT?

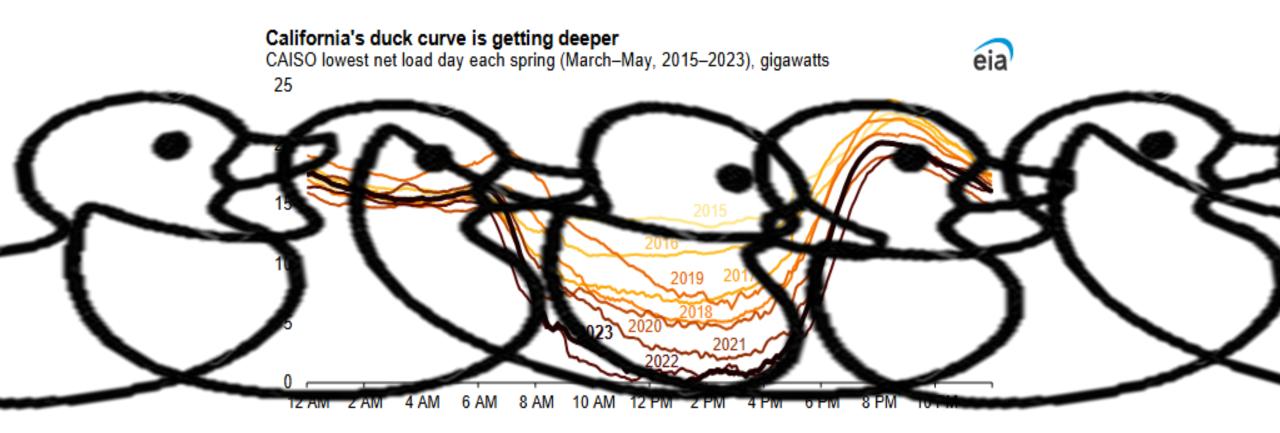
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### If it walks like a duck.....





# Ensuring Reliability When the Sun Hides

# Demand side management

- Electric vehicles replace gasoline vehicles
- Heat pumps replace gas furnaces
- Electric appliances replace gas appliances

# Utility scale batteries

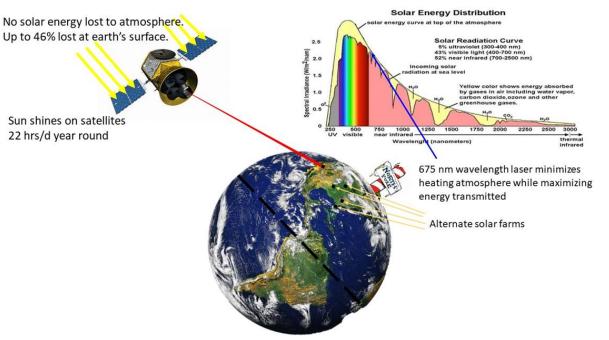
- Limited duration with long charge times
- Materials used to produce batteries is limited an not easily mined

# Green Hydrogen

- Efficiency problem
- Energy density problem

# Nuclear power

- Great for baseload, not peaking
- New construction?



**Hope Strategy** 

# Major Advancement in the Hope Strategy

- Caltech enginee wirelessly transi (about one foot)
  - One at a time,
- The engineers v and "detect" it a
- Weighing in at 5 feet) module wa estimated cost or
- One potential constitution
   estimated to reconstruct space

—

- That's about \$4.2 billion for material delivery to space
- Excludes cost of terrestrial manufacturing, space assembly and commissioning, and land based receiving stations
- Potential for extraterrestrial tariff wars

Note: Various sources used to estimate costs. Potential for inconsistencies across sources.



Imagine the cost to replace it!



Detecting energy transmitted from space

"Caltech Super Bowl"



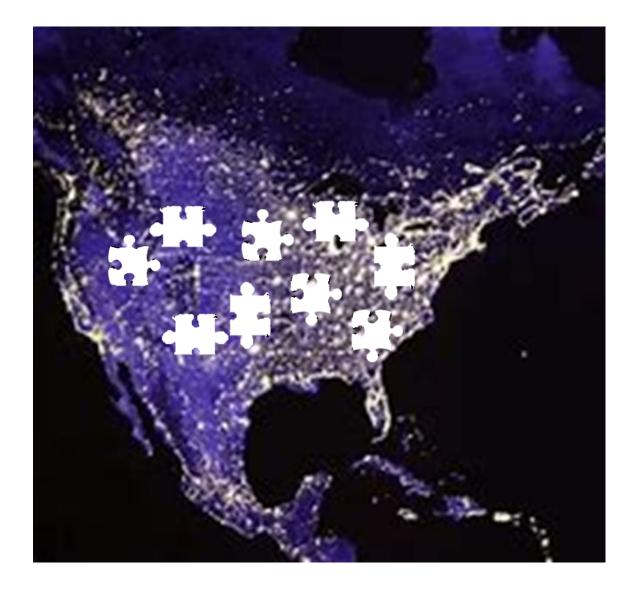




Meanwhile, back on earth.....

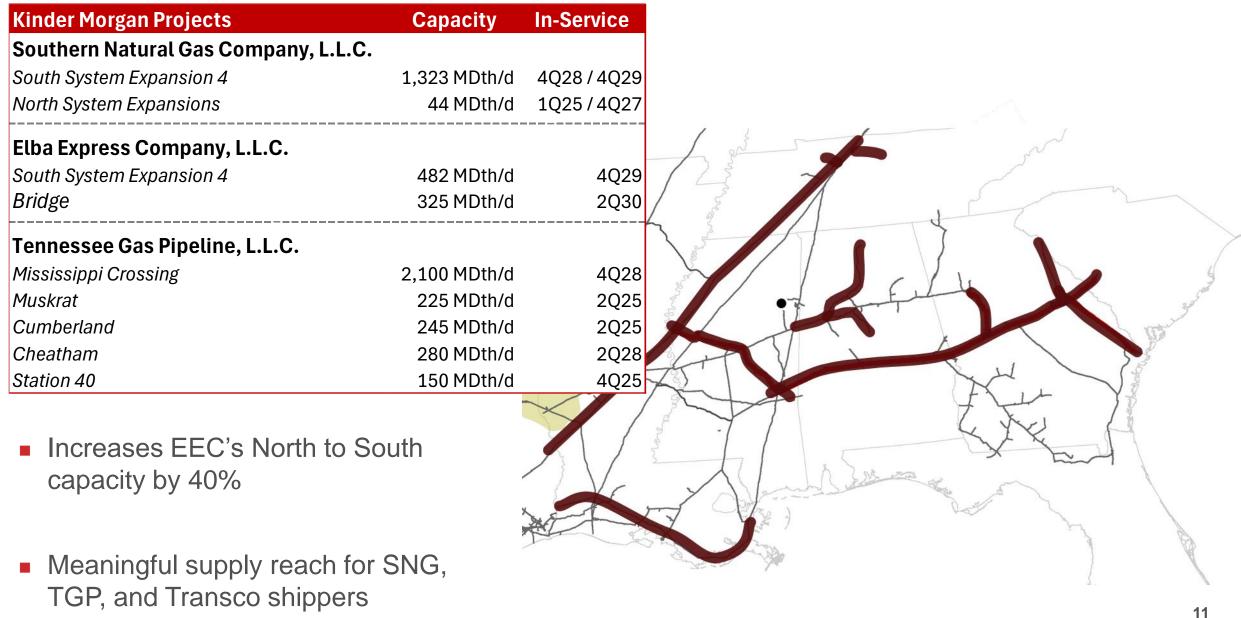
### KINDER

# How do we fill the missing pieces between renewable and reliable energy?





### KM Planning Major Infrastructure to Support Growth in Southeast



# Managing Budget and Schedule on Major Projects

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- Good community relationships
  - Open houses to seek input on proposed projects
- - Reduces data requests, thus facilitating FERC's
- Supply Chain Strategy
  - Early engagement with vendors and contractors to "reserve" capacity for timely delivery
  - Employ corporate-wide buying power to obtain competitive pricing

# Supply Chain Vendor Meeting



# Managing Budget and Schedule on Major Projects

- Good community relationship
- Complete and accurate FER(
- Supply Chain strategy
- Project Management
  - Proper staffing focused solely
- Fieldstrationationity of resource
  - Additional staff will be require maintain the new facilities
  - Hiring strategy must support s commissioning activities



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# Living Our Vision and Values



- Kinder Morgan's Vision:
  - Delivering Energy to Improve Lives and Create a Better World
- Kinder Morgan's Values:
  - Integrity
  - Accountability
  - Safety
  - Excellence
- The projects mentioned support our Vision by providing energy to a growing region
- Our Values guide our actions in dealing with customers, affected landowners, regulatory agencies, the public, employees, and other stakeholders

## Natural Gas – Lifeblood of the Southeast



Used in homes, commercial activities, industry, power generation

Clean

- Affordable
- Domestically produced
- Reliable day and night

# KINDER MORGAN Natural Gas Infrastructure - Sunshine on a cloudy day!

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# **Questions?**