



House Energy Committee

Trish Baker, Senior Manager Government Affairs
February 4, 2025

Overview

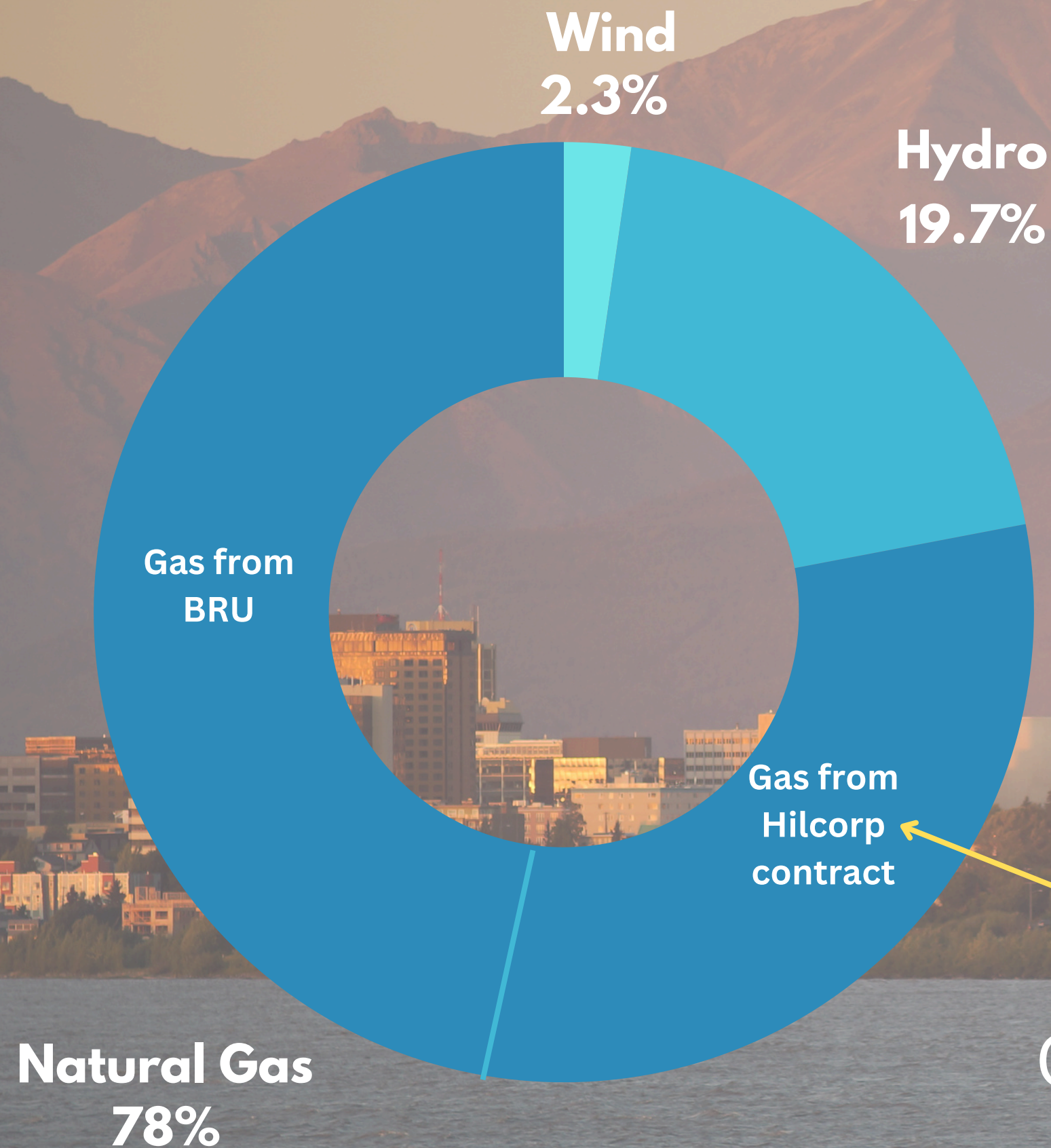
- Gas Supply
- Transmission Upgrades
- Renewable Energy



Gas Supply

Current Chugach Generation Mix

Diversification reduces risk

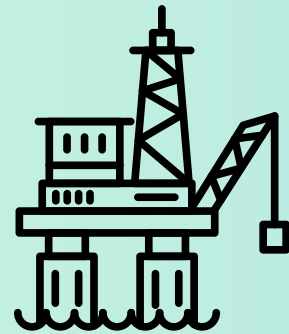


40% of natural gas from Hilcorp contract

60% of natural gas from Beluga River Unit, which Chugach has two-thirds working interest ownership

Chugach's gas contract expires
March 31, 2028

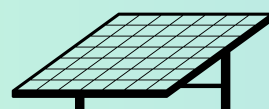
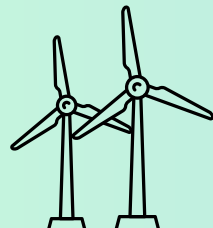
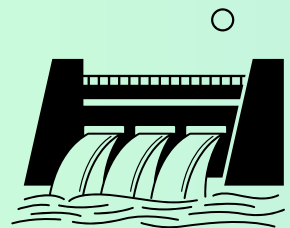
What Chugach is doing to address gas supply



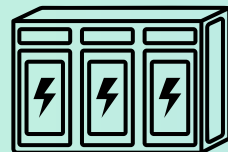
Continue investing in Beluga River Unit gas field



Progressing with imported LNG



Expanding our renewable energy portfolio



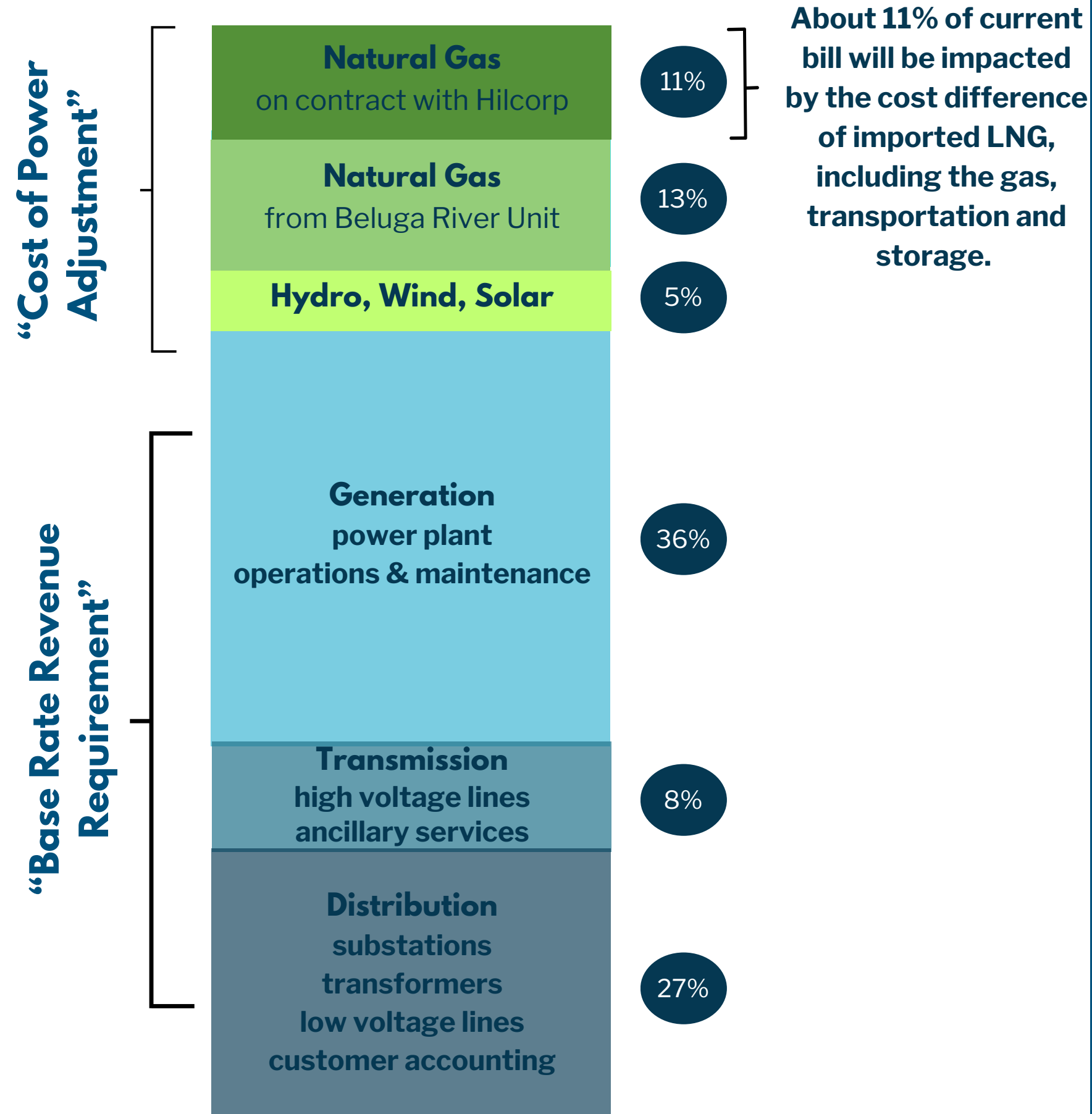
Advancing energy storage solutions



Supporting regional power sharing



Imported Liquefied Natural Gas (LNG)
is a Bridge Solution



Note: Percentages exclude state and local taxes and surcharges.

BREAKDOWN OF CHUGACH RETAIL ELECTRIC BILL

Chugach estimates importing LNG will increase electric bills by ~10%



Transmission Upgrades

90-Mile Transmission Upgrade

Mid-town Anchorage to Quartz Creek - Kenai Peninsula

- Transmission lines built in 1962
- Project: 2012 - 2032, section by section
- 115 kV lines upgrading to 230 kV (kilovolts)
- Reduce line loss; increase power transferability
- Anchoring structures also being upgraded



Seward Highway 2024

Chugach supports GRIP* upgrades

*Grid Resilience and Innovation Partnerships

- \$206.5 million grant from the Department of Energy is half the estimated project cost of \$413 million
- High Voltage Direct Current (HVDC) cable from Nikiski to Beluga
- Project will add capacity for access to low cost energy and ensure reliable electric service
- Project also includes Battery Energy Storage Systems



Renewable Energy



Decarbonization Objective

Reduce Carbon Intensity

at least 35% by 2030

at least 50% by 2040

without a material negative impact on rates or reliability



Community Solar Project

500-kilowatt installation

1,080 panels

Subscriptions for 1 to 20 panels

Energy credited to Chugach bill

Currently under
construction

Completion
estimated
Summer 2025

RCA approval
of tariff
required before
enrollments
can open

Dixon Diversion

- Meltwater from Dixon Glacier would be diverted through a tunnel to Bradley Lake
- Bradley Lake Hydroelectric Project dam would be raised to accommodate extra water
- 50% additional energy would be added to Bradley Lake Hydroelectric Project
- Project would reduce demand for natural gas by 1.5 bcf/year





Thank you.