



Coal-To-Liquids Plant Tyonek Location

A Solution for Alaska & the USAF

**Tyonek Native Corporation
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COOK INLET/SUSITNA COAL PROVINCE

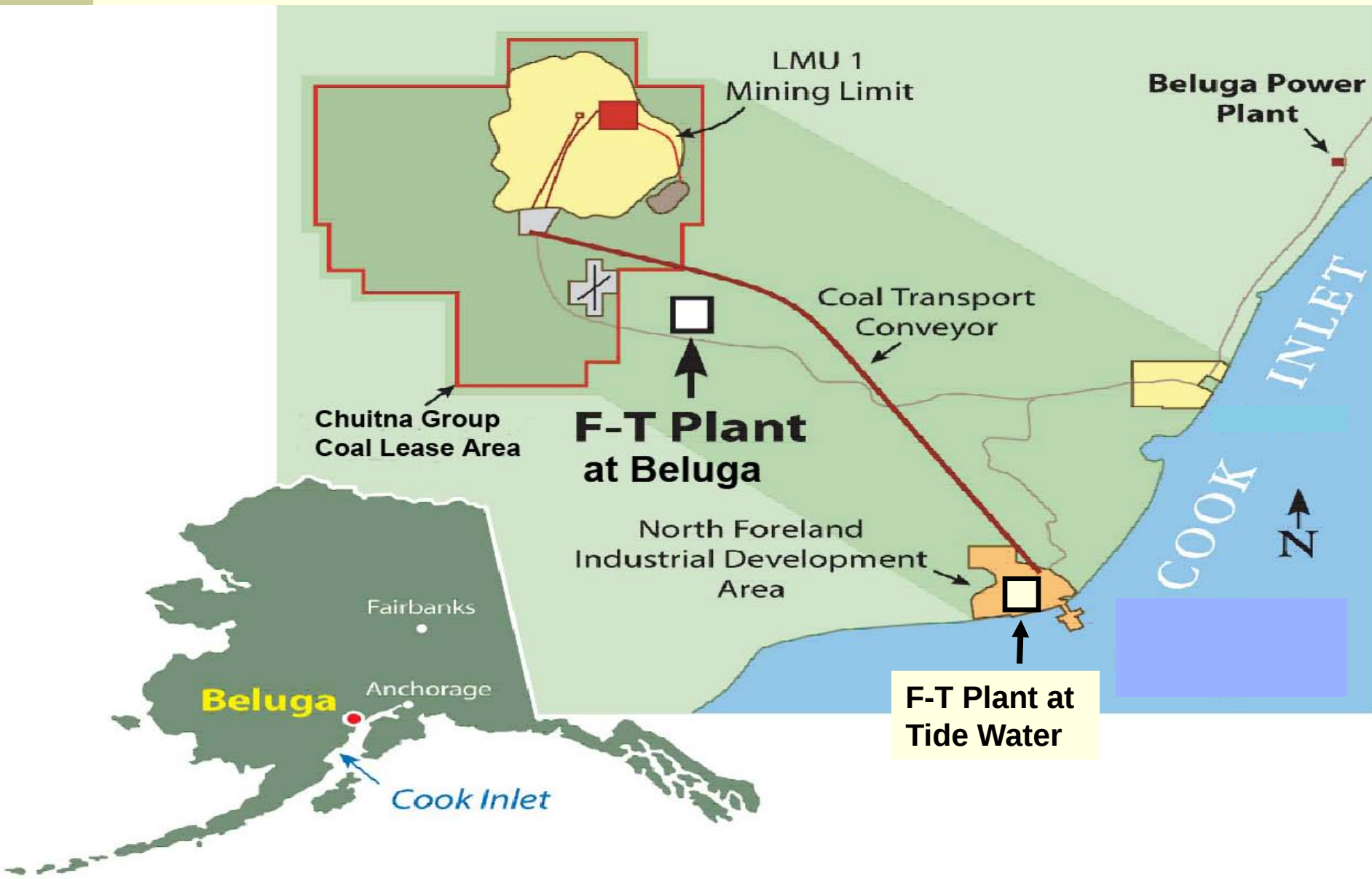
Resource & Reserve Summary

million tons of coal – billion of barrels of equivalent liquids

Coal Resource	M-tons	B-bbls
• Hypothetical Resource	64,230	96
• Identified Resource	10,550	15.6
• Measured Resource	1,300	2.0
• Chuitna Proven Reserves	700	1.1
• Barrick Reserves	600	1.0
• Skwentna Reserves	500+	0.9



80,000 bbl/d Coal To Liquids “Beluga CTL Plant” (Mine Mouth or Tide Water)





North Foreland Industrial Site & Port



2008 Tyonek CTL History

- 'Alaska Beluga CTL Project' w/SASOL.
- USAF 'by 2016, 50% jet fuel will be CTL'.
- USAF BOO CTL plant, open contest for site.
- Tyonek presents to USAF Pentagon; Tyonek "most cost-effective CTL site in N.A."
- Cong. Miller restricts CTL programs.
- USAF only seek public/private partnership.
- SASOL drops USA development plans.

2009/2010 Tyonek CTL History

- TYONEK seeks CTL partner.
- Accelergy & Tyonek introduced.
- AIEDA & AEA enthused & supportive.
- No source for \$500K matching grant to certify Tyonek coals to USAF.
- DNR main beneficiary of certification.
- Pennsylvania awards Accelergy \$10MM.
- 'Emerging Energy Technology Fund' might furnish \$125K Phase1 grant .



ASSESSMENT OF MICRO CATALYTIC COAL LIQUEFACTION TECHNOLOGY (MCL) FOR CHUITNA (BELUGA MINE) COAL RESOURCE

**A PROPOSAL FOR
TYONEK NATIVE CORPORATION**

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Questions or Comments?

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