



**BASIN ELECTRIC
POWER COOPERATIVE**

A Touchstone Energy® Cooperative 

Bakken Energy Member Managers Conference

Trinity Turnbow and Kelly Bergquist

February 2022

Project Details

Technical Review

- Worley selected as engineering firm for pre-FEED (November 2022)
- ATCO (primarily Chris Beigler)
 - Exploring broad range of topics, including, but not limited to:
 - Land ownership, pipeline easements, and associated agreements with landowners
 - Pipeline integrity data (due March 4)
 - Safety and compliance data (Ken Jackson - Safety and security specialist)
 - Maintenance and operating procedures
- Continue to be impressed with quality and professionalism of contacts associated with the project

Environmental Assessment

- Being completed by Barr Engineering
- Due end of February 2022
- Barr worked with subcontractors to gather soil and ground water samples at multiple locations across the Synfuels Plant (sampling is complete)

Mechanical Assessment

- Worley mechanical assessment due end of February (they expect to meet this target)
- Worley contracted TEAM to perform several inspections - all complete and no concerns
- ATCO Construction Management Specialist Bob Montgomery onsite week of February 7 to assess site for constructability of the new process and to understand the challenges with integrating the new processes with the existing equipment

Mechanical Assessment (continued)

Due Diligence

Mechanical equipment

- Weekly meetings with Worley
- RBI analyses - identifying equipment with largest risks
- Identifying equipment nearing end of life (within the next 15 years)
- TEAM completed further inspection of 18 assets - no major findings
- Walk down of equipment identified for replacement (facility plan)
- Review of utility systems, OWS, and firewater systems
- 20% of each day comprised of Q&A, equipment walk downs, data mining from several DGC staff (2 key players)

Controls and electrical

- Weekly to biweekly meetings with Worley
- Focus on Foxboro (e.g., hardware, CP's)
- Site walk downs (rack rooms) week of February 7
- Starting electrical due diligence (e.g., transformers, motors, substations)
- Preventive maintenance and maintenance strategy discussions
- 20% of each day comprised of Q&A, data mining from several DGC staff (3 key players)

Financial Analysis Timeline

Preliminary Schedule

Using 2022-2031 Load/Forecast

February				March				April			
Assumptions				Financial Modeling & Analysis				Reporting			

Deliverables

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> • Balance sheet impacts • Cash flow impacts | <ul style="list-style-type: none"> • Financial metrics • Member rate impacts | <ul style="list-style-type: none"> • Risks |
|--|--|---|

Preliminary Schedule Using 2023-2032 Load/Forecast

June				July				August			
Bakken Energy Asset Sale				Draft Forecast				Final Forecast			
Primary Reformer (Methane)				Draft Forecast				Final Forecast			

Deliverables

- Balance sheet impacts
- Cash flow impacts
- Financial metrics
- Member rate impacts
- Risks

Questions