

Goshen/Elberta Expansion Technical Conference

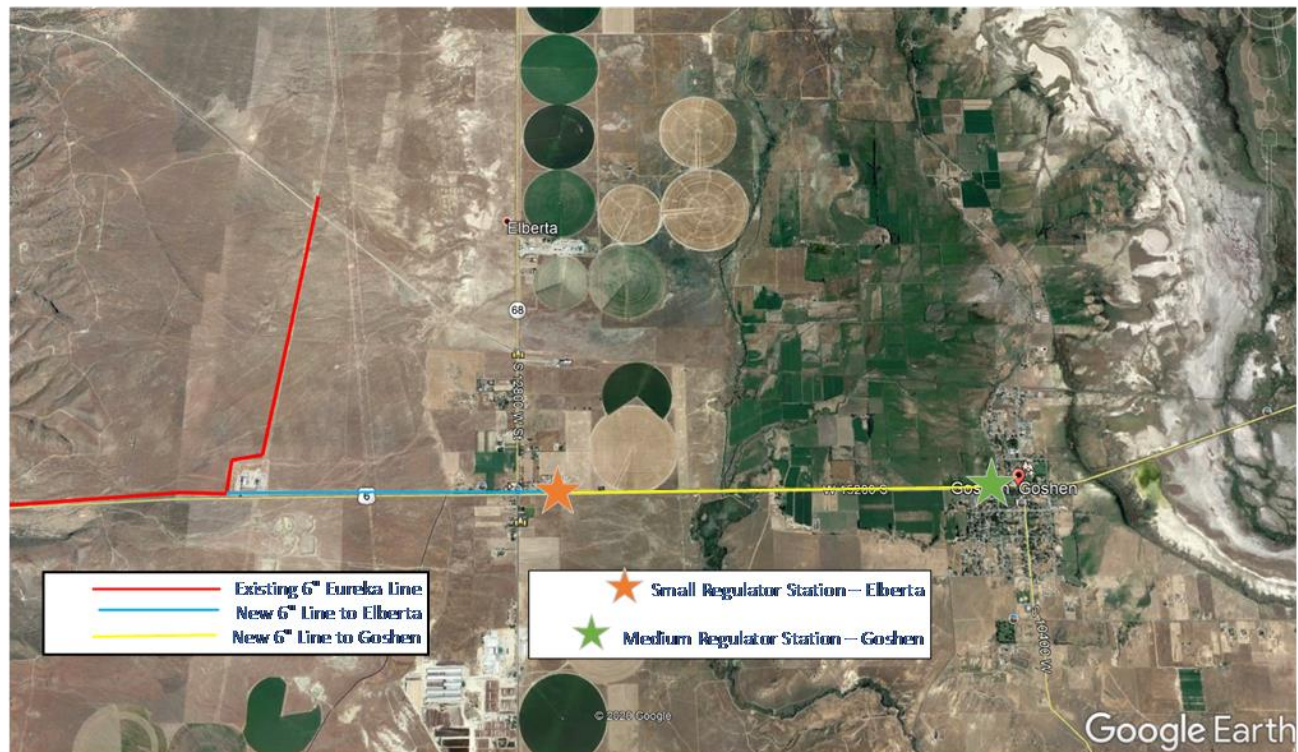
Docket No. 21-057-06



Scope

- 379 Potential customers
 - Counted in person and verified with satellite imagery
- 4.5 miles of high-pressure pipe
- 2 regulator stations
- Elberta - 12,450 feet of IHP main and 3,785 feet of service line
- Goshen – 42,750 feet of IHP main and 19,605 feet of service line

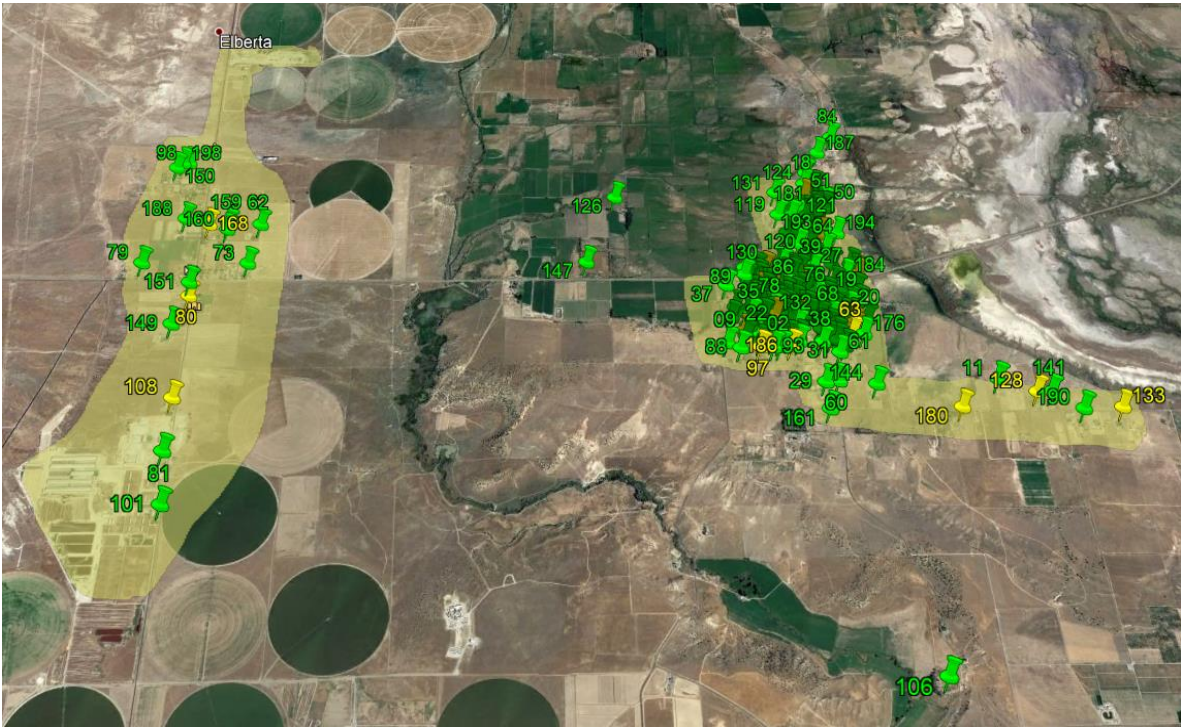
Geography



Areas Served



Survey Responses



Engineering Analysis

- Horizontal Directional Drilling (HDD) vs. Open Trench
 - Cost estimate was conservative by assuming all service lines would use HDD
 - Actual method will depend on the new customer
 - Restoration of surfaces
 - Location of fuel line
 - Environmental reasons
 - Service lines that use an open trench could save money
- Use of 6" vs 4" high pressure main
 - Cost-benefit of installing 6" instead of 4"
 - 3% cost increase, more than double capacity increase

Appliance Conversions

- Explanation of Appliance Conversions
 - Existing propane furnace has a high probability of being converted
 - Existing propane water heater – depends
 - Existing electric appliances cannot be converted
 - Experience in other expansions without affordable conversion options was that new customers would add a natural gas fireplace for heat until furnace could be installed
- Not usually a limiting factor for new customers
 - Experience in southern system expansion, Ogden valley
 - Customers had to pay for appliance conversion AND service lines.
 - Additional monthly cost for mains
 - Company was successful and saw high levels of initial interest

Rural Utah Expansion Allowed Spend Example

Year 1	Year 2	Year 3	Year 4	Year 5
\$30	\$10	\$29.5	\$30	\$10
	69.5 M spent years 1-3			
		69.5 M spent years 2-4		
			69.5 M spent years 3-5	

Total spent years 1-5 = \$109.5 million

Total allowed at current revenue requirement: \$173.8 million

Remaining that may be spent in future years \$64.3 million

Customer Interest

- Web page on Dominionenergy.com
 - <https://www.dominionenergy.com/projects-and-facilities/natural-gas-projects/utah-rural-expansion/goshen>
- Two virtual open houses
 - <https://vimeo.com/515280918/e04428c8da>
- Facebook posts
- Surveys
- Canvassing

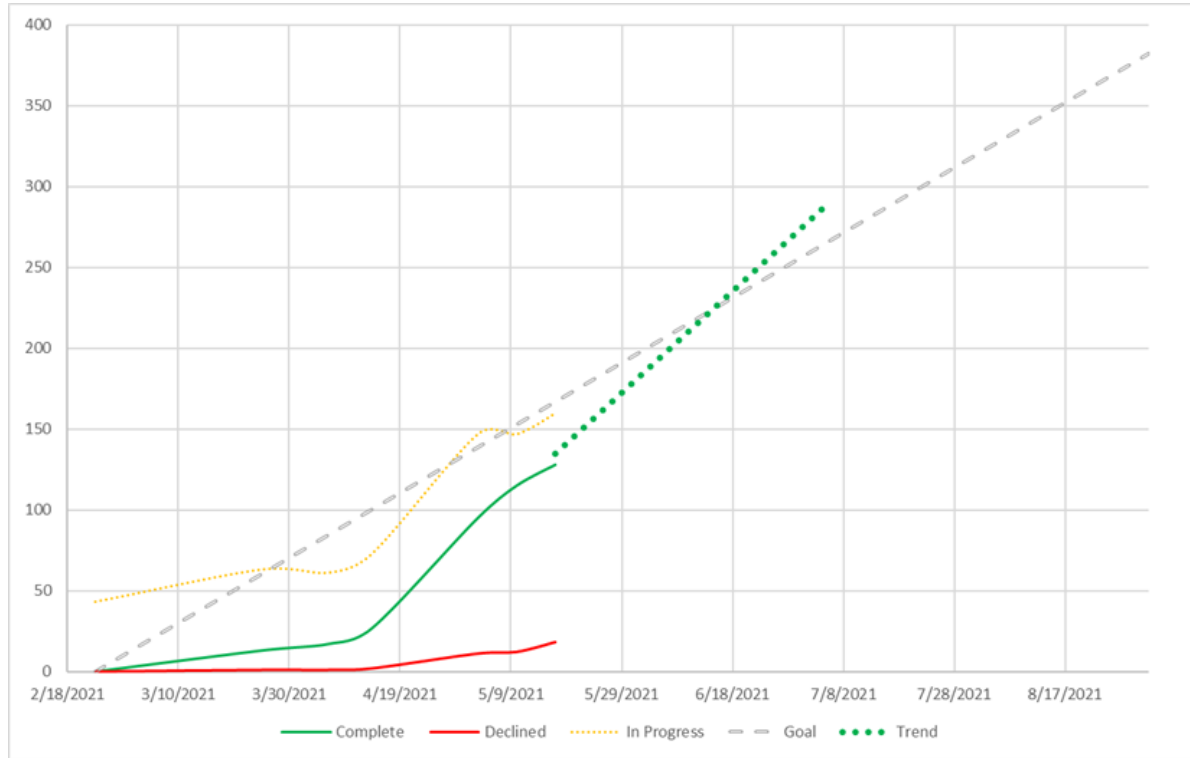


Resources for Low-Income Customers



- Home Rehab Program
 - Low-interest loans to switch to a natural gas furnace or other home repair
 - Interest rate between 0-3%
- Weatherization Program
 - Furnace help possible
 - Based on an energy audit, other work could be performed
 - Available for households at or below 200% of the poverty level

Sign-ups in Eureka



Questions