

January 2025 ECA Analysis

James Ging, Chief Operating Officer

February 20th, 2025



Overview

- Total cost under budget (\$458,424.25)

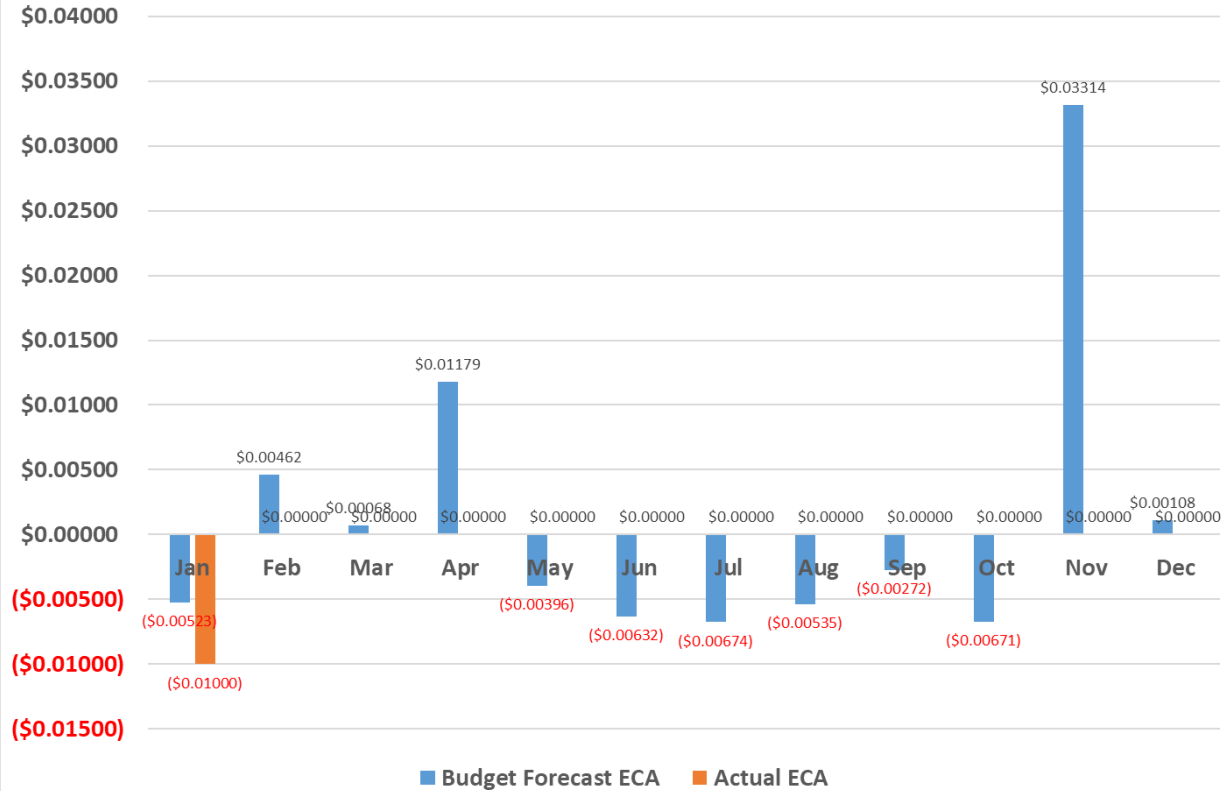
	Actual	Budget Forecast
Total Transmission Costs	\$1,402,632.57	\$1,395,815.12
Total Energy Costs	\$1,211,492.66	\$1,634,162.41
Total Capacity Costs	\$932,175.48	\$973,853.43
Total Administrative Costs	\$362,814.75	\$362,814.75
Margin (\$0.40/MWh)	\$26,320.94	\$27,214.94
Total Costs	\$3,935,436.39	\$4,393,860.64

Overview

- Transmission Cost Above budget \$6,817.45
- Energy Cost Below budget (\$422,669.75)
- Capacity Cost Below budget (\$41,677.95)
- KPP Demand Below budget 1%
- KPP Energy Below 3%
- KPP LF 72.72% (Budget LF was 74.03%)

	Actual Costs	Budget Costs	Difference
Total Transmission Costs	\$11.30	\$11.08	\$0.22
Total Energy Costs	\$18.41	\$24.02	(\$5.61)
Total Capacity Costs	\$7.66	\$7.88	(\$0.22)
Total Administrative Costs	\$5.51	\$5.33	\$0.18
Margin (\$0.40/MWh)	\$0.40	\$0.40	\$0.00
Total Costs	\$43.29	\$48.72	(\$5.43)
January 2025 ECA			
Billing Unit	Actual	Budget Forecast	
Capacity Demand (kW-Mo)	121,631	123,535	
Admin Trans Demand (kW-Mo)	124,085	125,922	
Energy (MWh)	65,802	68,037	
Average Monthly Cost (\$/MWh)	\$59.81	\$64.58	
Average Annual Cost (\$/MWh)	\$69.81	\$69.81	
ECA (\$/kWh)	(\$0.01000)	(\$0.00523)	

2025 ECA Budget Forecast Compared to Actuals



ECA Analysis Details - Transmission

- MKEC reflects Greensburg Wind Farm generating 4.435 MW during peak hour (01/21/25 @ 09:00)

January 2025 ECA		
Cost Item	Actual	Budget Forecast
SPP Transmission Charges	\$1,256,640.59	\$1,260,896.83
MKEC Local Charges	\$44,062.05	\$25,545.48
SCADA	\$11,128.70	\$11,995.33
Metering Equipment	\$1,497.67	\$3,297.50
NERC Costs	\$14,855.47	\$15,558.18
Facilitator Costs	\$45,280.77	\$45,236.39
Kingman Project	\$29,167.32	\$33,285.42
Other	\$0.00	\$0.00
Total Transmission Costs	\$1,402,632.57	\$1,395,815.12

ECA Analysis Details - Energy

- Load LMPs were estimated at \$18.47/MWH in budget – actual settlement for WR, MW and MKEC loads was \$25.16/MWH
- Gas costs estimated at \$3.04/MMBtu based on NYMEX futures, gas prices average was \$4.13
- Other –Tenaska Annual and Monthly TCR Cost.

Cost Item	Actual	Budget Forecast
GRDA Energy Costs	\$351,653.00	\$461,214.90
SPA Energy Costs	\$6,414.44	\$10,160.55
Greensburg Energy Costs	\$62,152.75	\$126,163.40
Dogwood Energy Costs	\$950,431.12	\$470,266.73
Marshall Energy Costs	\$326,942.76	\$264,117.15
Municipal Generation Costs	\$502,270.19	\$26,411.72
SPP IM Charges	(\$1,174,646.62)	\$275,827.96
Other	\$186,275.02	\$0.00
Total Energy Costs	\$1,211,492.66	\$1,634,162.41

ECA Analysis Details

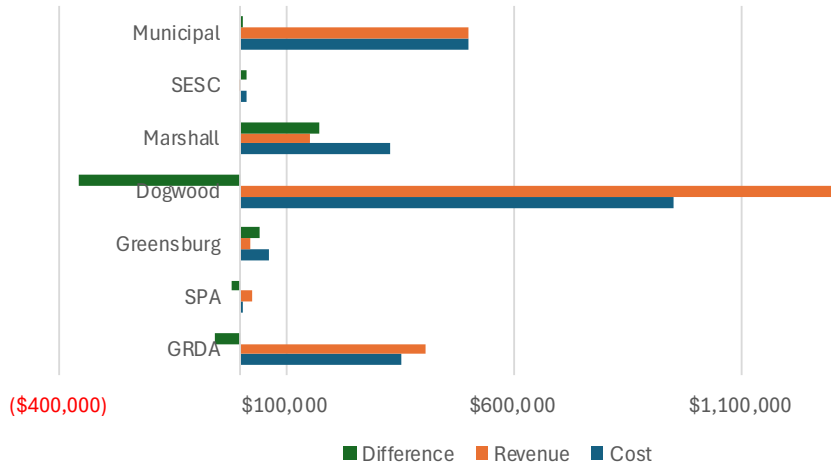
Monthly Resource Performance

Energy Market Only

Note: This does not reflect all monthly cost, only variable cost.

	Cost	Revenue	Difference
GRDA	\$351,653.00	\$ 407,936.60	(56,283.60)
SPA	\$6,414.44	\$ 24,434.69	(18,020.25)
Greensburg	\$62,152.75	\$ 20,649.87	41,502.88
Dogwood	\$950,431.12	\$ 1,304,632.56	(354,201.44)
Marshall	\$326,942.76	\$ 152,868.27	174,074.49
SESC	\$ 14,079.51	(\$286.67)	14,366.18
Municipal	\$502,270.19	\$502,248.98	21.21
			(198,540.53)
		Note	() is credit to KPP

January Resources

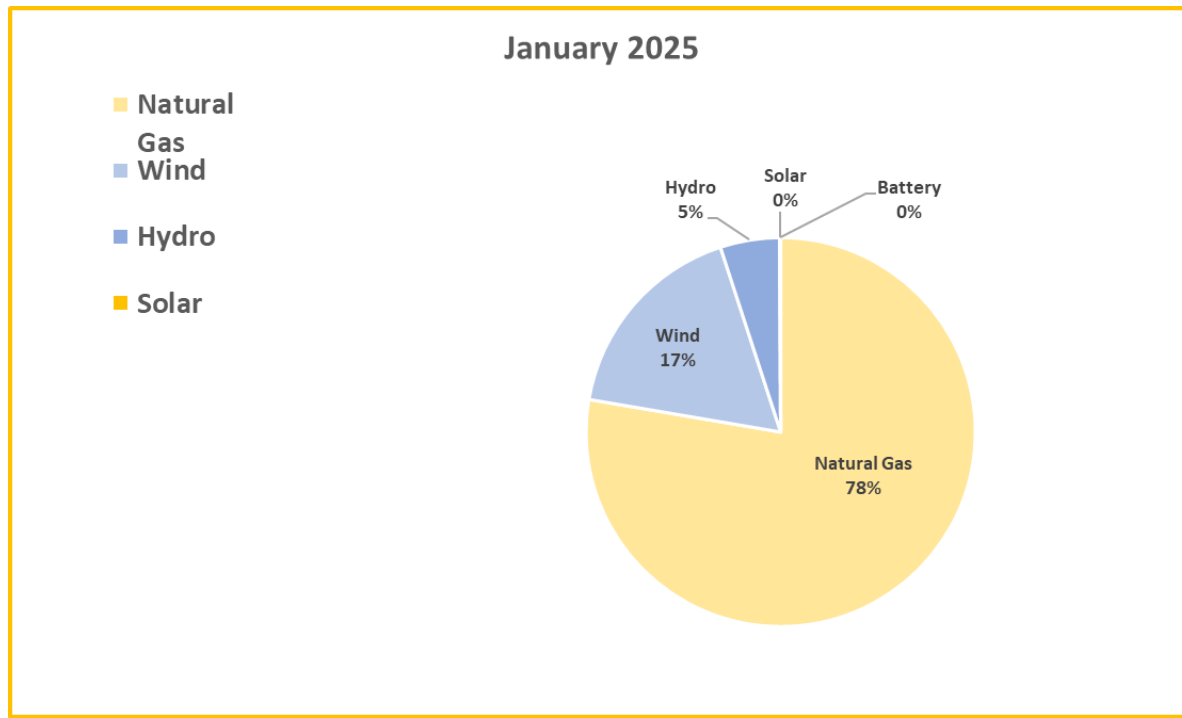


ECA Analysis Details - Capacity

- Dogwood O&M is estimated

Cost Item	Actual	Budget Forecast
GRDA Fixed Costs	\$160,125.00	\$160,125.00
SPA Fixed Costs	\$18,900.00	\$19,026.00
Dogwood O&M Costs	\$156,487.59	\$192,649.41
Capacity Sale	\$0.00	\$0.00
Dogwood Debt Service	\$290,977.89	\$296,369.00
Capacity Payment to Cities	\$116,667.00	\$116,666.67
Walnut Energy Center Debt Service	\$166,667.00	\$166,666.67
Walnut Energy Center Fixed O&M	\$0.00	\$0.00
Solomon Energy Storage Center Debt Service	\$13,849.00	\$13,848.61
SESC Fixed O&M	\$8,502.00	\$8,502.08
Pace Solar Debt Service	\$0.00	\$0.00
PACE O&M	\$0.00	\$0.00
Generation Repair Fund	\$0.00	\$0.00
Chanute PPA	\$0.00	\$0.00
Other	\$0.00	\$0.00
Total Capacity Costs	\$932,175.48	\$973,853.43

KPP Generation Mix



Questions?

