April 2025 ECA Analysis

James Ging, Chief Operating Officer

May 15th, 2025

KPP ENERGY

Overview

- Total cost under budget ($1,127,423.91)

	Actual	Budget Forecast
Total Transmission Costs	$1,461,521.61	$1,561,184.99
Total Energy Costs	$685,229.29	$1,090,173.82
Total Capacity Costs	$831,381.55	$1,452,756.12
Total Administrative Costs	$362,814.75	$362,814.75
Margin ($0.40/MWh)	$20,562.90	$22,004.33
Total Costs	$3,361,510.09	$4,488,934.00

KPP ENERGY

Overview

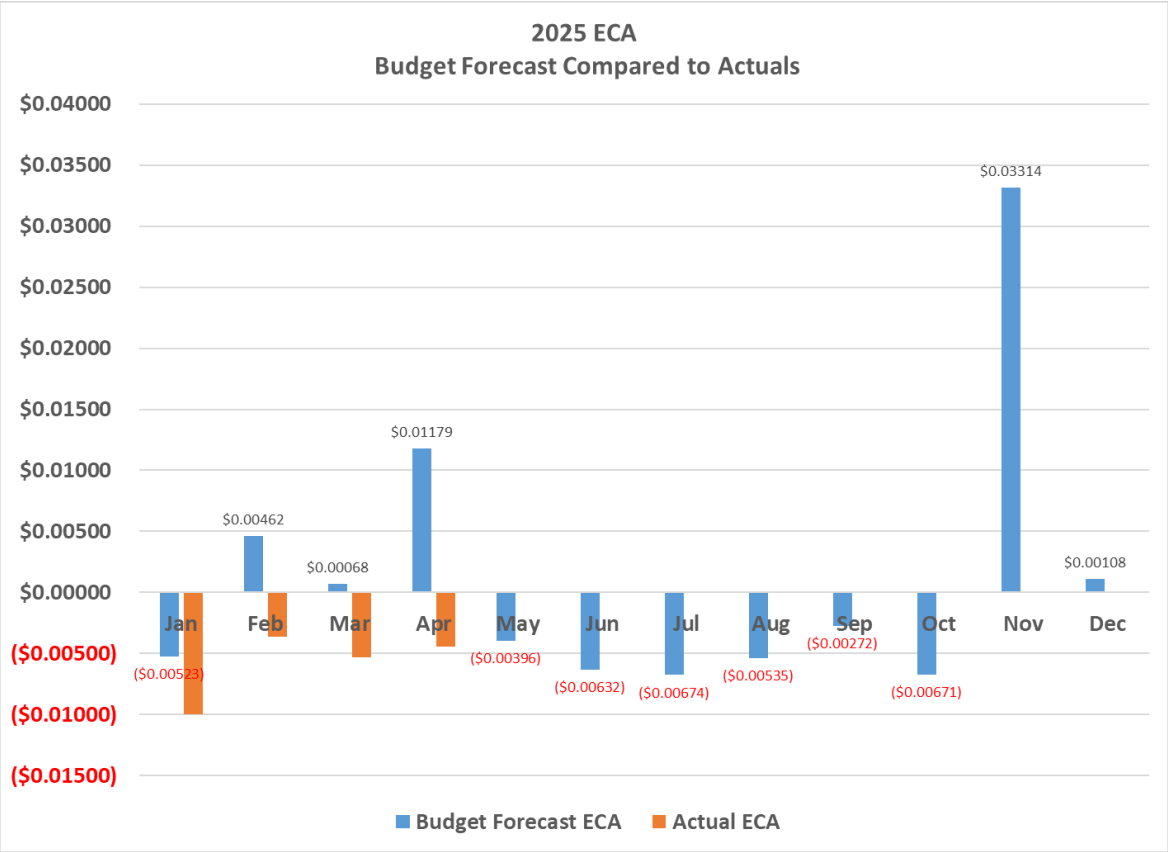
- Transmission Cost Below budget ($99,663.38)
- Energy Cost Below budget ($404,944.53)
- Capacity Cost Below budget (621,374.57)

- KPP Demand Below Budget 1%
- KPP Energy Below Budget 7%
- KPP LF 62.1% (Budget LF was 65.3%)

	Actual Costs	Budget Costs	Difference
Total Transmission Costs	$12.40	$13.07	($0.67)
Total Energy Costs	$13.33	$19.82	($6.49)
Total Capacity Costs	$7.23	$12.41	($5.18)
Total Administrative Costs	$7.06	$6.60	$0.46
Margin ($0.40/MWh)	$0.40	$0.40	$0.00
Total Costs	$40.41	$52.29	($11.87)

April 2025 ECA

Billing Unit	Actual	Budget Forecast
Capacity Demand (kW-Mo)	114,971	117,061
Admin Trans Demand (kW-Mo)	117,904	119,484
Energy (MWh)	51,407	55,011
Average Monthly Cost ($/MWh)	**$65.39**	**$81.60**
Average Annual Cost ($/MWh)	**$69.81**	**$69.81**
ECA ($/kWh)	**($0.00442)**	**$0.01179**


2025 ECA
Budget Forecast Compared to Actuals
$0.04000
$0.03500
$0.03000
$0.02500
$0.02000
$0.01500
$0.01000
$0.00500
$0.00000
($0.00500)
($0.01000)
($0.01500)
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
($0.00523)
$0.00462
$0.00068
$0.01179
($0.00396)
($0.00632)
($0.00674)
($0.00535)
($0.00272)
($0.00671)
$0.03314
$0.00108
Budget Forecast ECA
Actual ECA

ECA Analysis Details - Transmission

- MKEC reflects Greensburg Wind Farm generating 0 MW during peak hour (04/17/25 @ 16:00)

Cost Item	Actual	Budget Forecast
SPP Transmission Charges	$1,319,957.00	$1,435,457.61
MKEC Local Charges	$16,906.42	$16,354.57
SCADA	$34,027.98	$11,995.33
Metering Equipment	$1,498.53	$3,297.50
NERC Costs	$14,855.47	$15,558.18
Facilitator Costs	$45,108.89	$45,236.39
Kingman Project	$29,167.32	$33,285.42
Other	$0.00	$0.00
Total Transmission Costs	**$1,461,521.61**	**$1,561,184.99**

KPP ENERGY

ECA Analysis Details - Energy

- Load LMPs were estimated at $10.00/MWH in budget – actual settlement for WR, MW and MKEC loads was $11.01/MWH (Budget reflected sub-zero off and on-peak hours)
- Gas costs estimated at $2.71/MMBtu based on NYMEX futures, gas prices average was $3.42
- Other –Tenaska Annual and Monthly TCR Cost.

Cost Item	Actual	Budget Forecast
GRDA Energy Costs	$274,461.00	$334,825.92
SPA Energy Costs	$11,856.74	$21,754.90
Greensburg Energy Costs	$106,279.97	$152,580.49
Dogwood Energy Costs	$109,519.87	$197,354.96
Marshall Energy Costs	$405,913.21	$271,330.74
Municipal Generation Costs	$362,997.19	$27,459.07
SPP IM Charges	($764,632.56)	$84,867.74
Other	$178,833.87	$0.00
Total Energy Costs	**$685,229.29**	**$1,090,173.82**

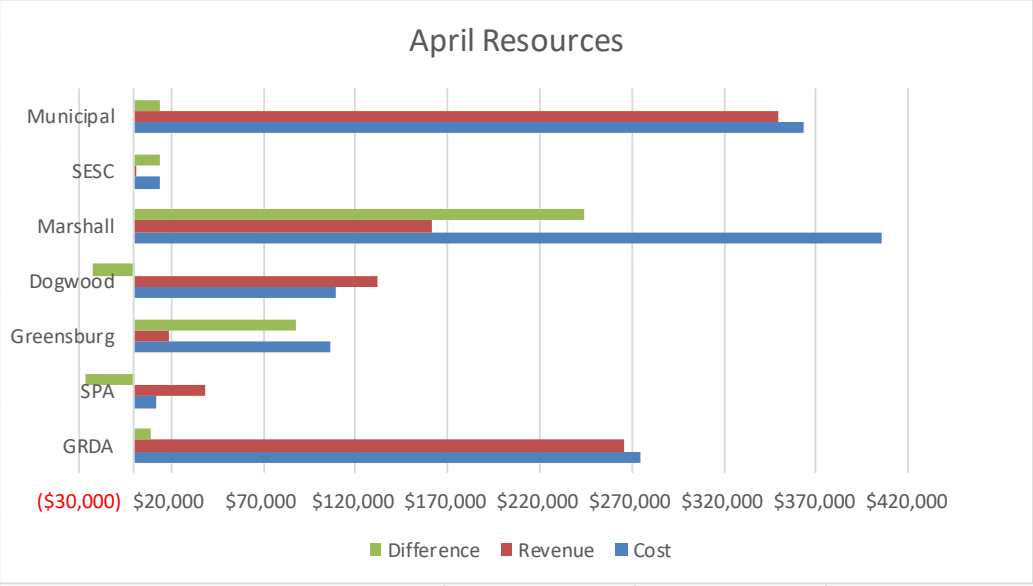
ECA Analysis Details

Monthly Resource Performance

Energy Market Only

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

	Cost	Revenue	Difference
GRDA	$274,461.00	$ 265,930.45	8,530.55
SPA	$11,856.74	$ 38,856.61	(26,999.87)
Greensburg	$106,279.97	$ 18,505.56	87,774.41
Dogwood	$109,519.87	$ 131,719.19	(22,199.32)
Marshall	$405,913.21	$ 161,936.49	243,976.72
SESC	$ 13,849.00	$76.68	13,772.32
Municipal	$362,997.19	$349,122.83	13,874.36
			318,729.17
		Note	() is credit to KPP



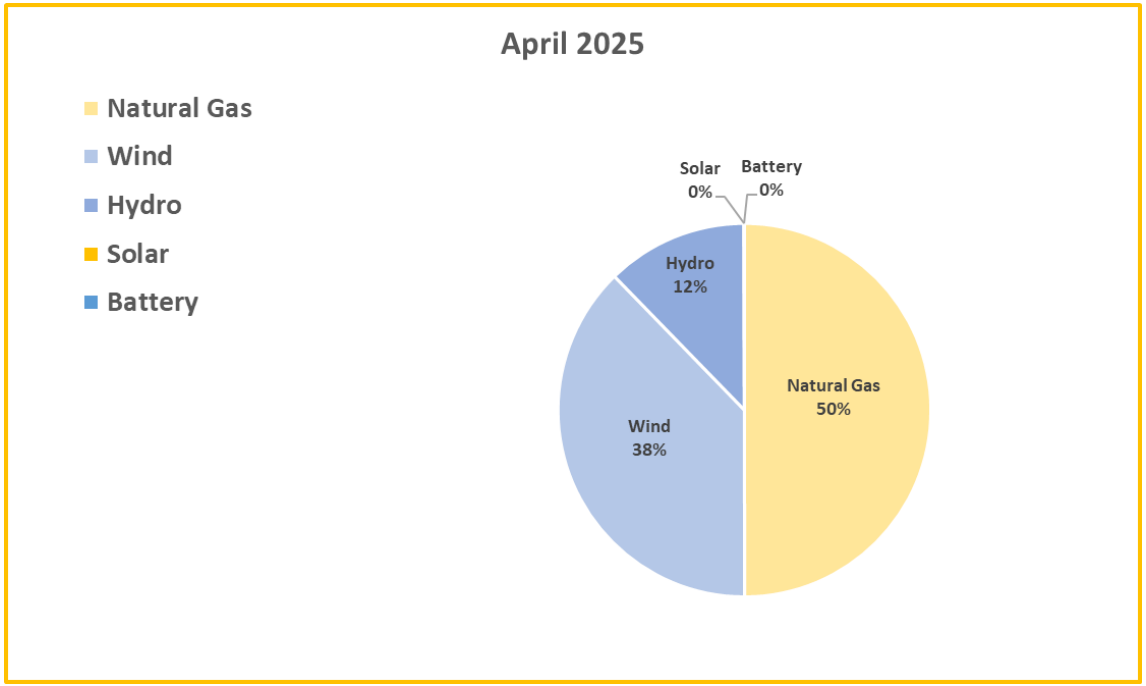
ECA Analysis Details - Capacity

- Dogwood O&M Includes March True Up and April Actuals

Cost Item	Actual	Budget Forecast
GRDA Fixed Costs	$120,099.00	$120,120.00
SPA Fixed Costs	$18,900.00	$19,026.00
Dogwood O&M Costs	$91,733.06	$711,557.10
Capacity Sale	$0.00	$0.00
Dogwood Debt Service	$294,789.61	$296,369.00
Capacity Payment to Cities	$116,841.88	$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	**$831,381.55**	**$1,452,756.12**

KPP ENERGY

KPP Generation Mix



Questions?