BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of Evergy Metro, Inc. d/b/a Evergy Missouri Metro's 2022 Integrated Resource Plan Annual Update Filing	)))	File No. EO-2022-0201
In the Matter of Evergy Missouri West, Inc. d/b/a Evergy Missouri West's 2022 Integrated Resource Plan Annual Update Filing	)))	File No. EO-2022-0202

NOTICE OF STAKEHOLDER PRESENTATION

COMES NOW, Evergy Missouri Metro, Inc. d/b/a Evergy Missouri Metro ("Evergy Missouri Metro") and Evergy Missouri West, Inc. d/b/a Evergy Missouri West[1] ("Evergy Missouri West") (collectively, the "Company") and for their Notice, state as follows:

1. On July 7, 2022, the Company held a presentation for stakeholders related to Evergy Missouri Metro's and Evergy Missouri West's respective annual resource plans previously filed in the above-captioned dockets. A copy of the presentation is attached hereto.

WHEREFORE, the Company files this Notice for the Commission's information.

Respectfully submitted,

/s/ Roger W. Steiner

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Fax: (816) 556-2787

Attorneys for Evergy Missouri Metro and Evergy Missouri West

[1] Effective October 7, 2019 Evergy Metro Inc. d/b/a Evergy Missouri Metro adopted the service territory and tariffs of Kansas City Power & Light Company; and effective October 7, 2019 Evergy Missouri West, Inc. d/b/a Evergy Missouri West adopted the service territory and tariffs of KCP&L Greater Missouri Operations Company.

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the above and foregoing document was served upon all counsel of record on this 11th day of June 2022, via e-mail.

/s/ Roger W. Steiner

Roger W. Steiner

2022 Evergy Metro and Evergy Missouri West Annual Update Stakeholder Meeting

Evergy Metro
Case No. EO-2022-0201
Evergy Missouri West
Case No. EO-2022-0202

July 2022

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Evergy Overview

Evergy, Inc. serves over 1.63 Million retail customers in Missouri and Kansas

Evergy, Inc. is comprised of three individual utilities:

- Evergy Metro
- Evergy Missouri West
- Evergy Kansas Central

2022 Utility Information

Jurisdiction	Number of Retail Customers	Retail Sales (MWh)	Net Peak Demand (MW)
Evergy Missouri Metro	300,843	8,237,220	1,812
Evergy Kansas Metro	269,170	6,304,817	1,638
Evergy Metro	570,013	14,542,037	

Jurisdiction	Number of Retail Customers	Retail Sales (MWh)	Net Peak Demand (MW)
Evergy Missouri West	336,644	8,320,976	1,925

Jurisdiction	Number of Retail Customers	Retail Sales (MWh)	Net Peak Demand (MW)
Evergy Kansas Central	729,720	19,249,582	5,157

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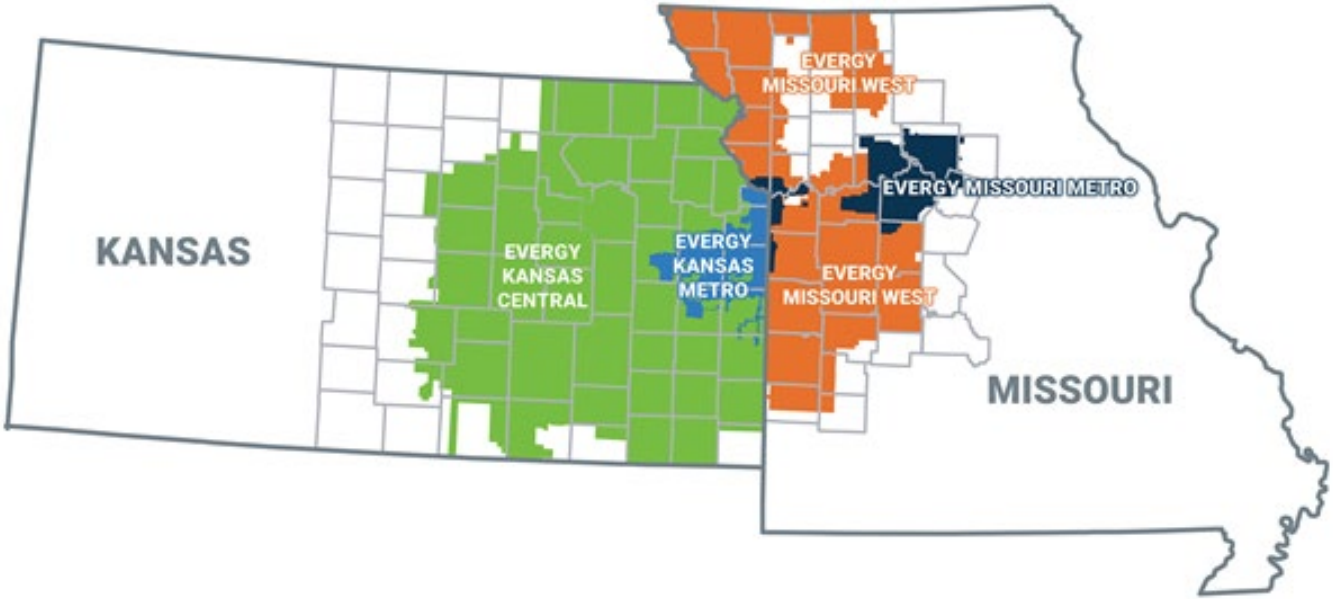
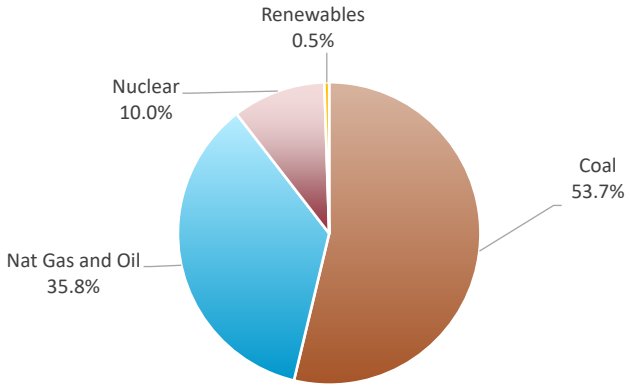
Evergy's Service Territory



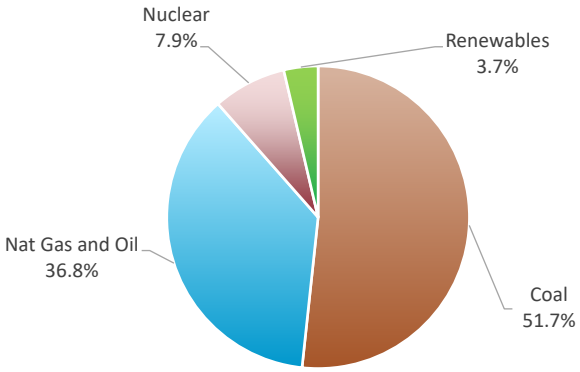
Evergy Generation Capacity Progression to Renewables – From 0.5% in 2005 to 29.6% in 2021 of Renewable Capacity

2005



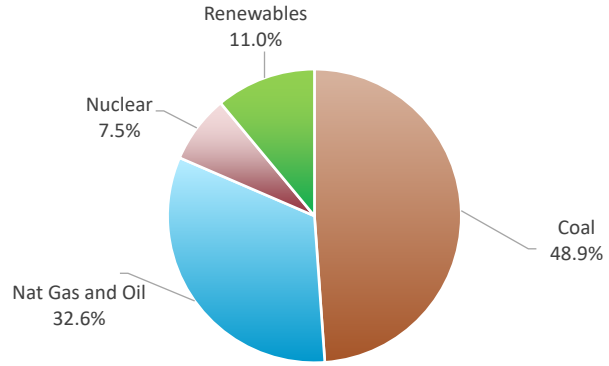
Wind at nameplate

2010



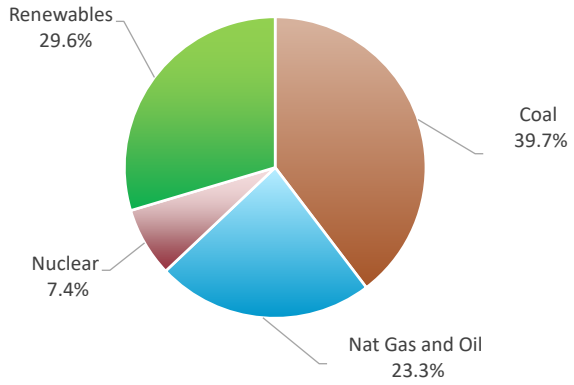
Wind at Nameplate

2015



Renewables at Nameplate

2021



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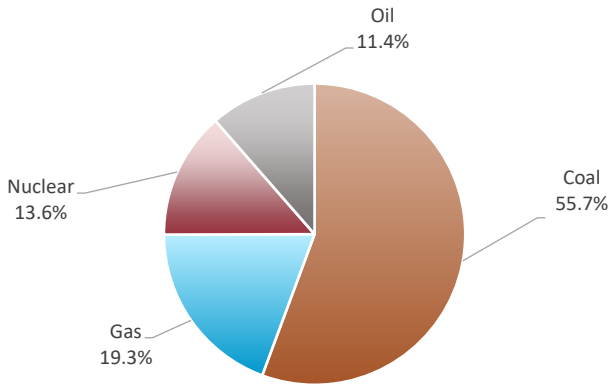
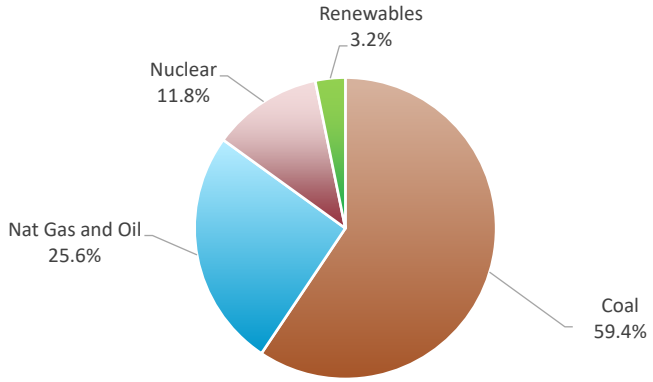
Evergy Metro Generation Capacity Progression to Renewables – From 0% in 2005 to 26.1% in 2021 of Renewable Capacity

2005

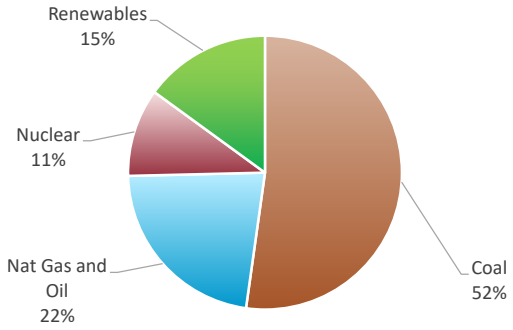


Wind at nameplate

2010



2015



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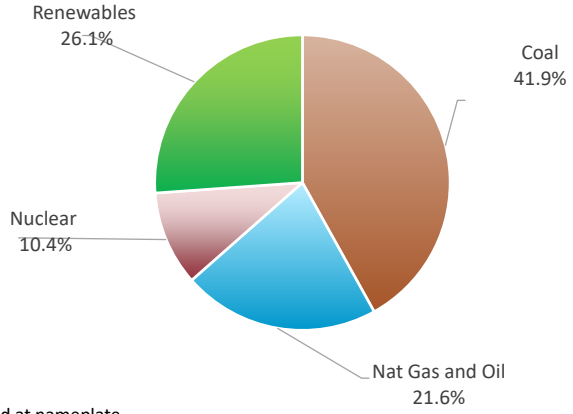
2021



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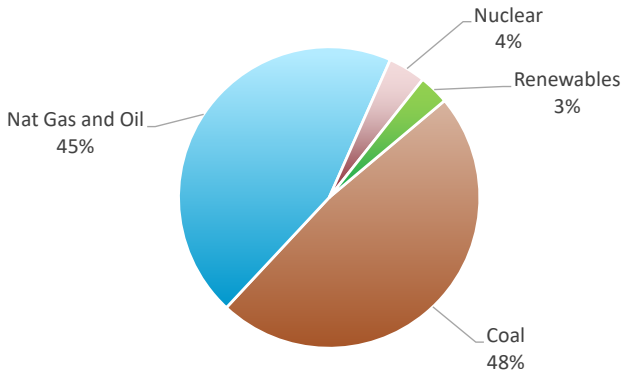
Evergy Missouri West Generation Capacity Progression to Renewables – From 3.0% in 2005 to 32.6% in 2021 of Renewable Capacity

2005



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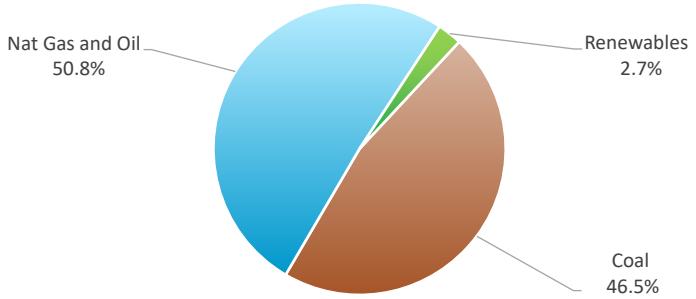
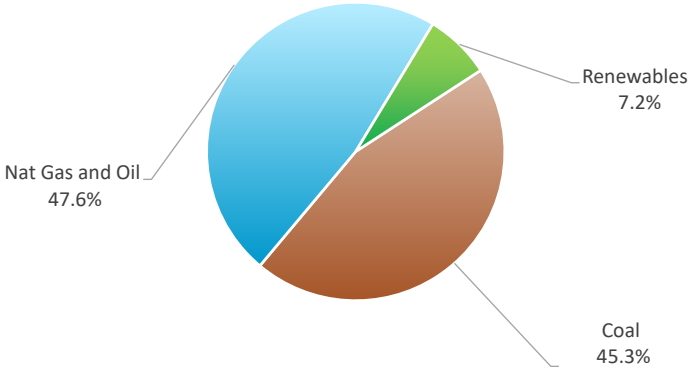
2010



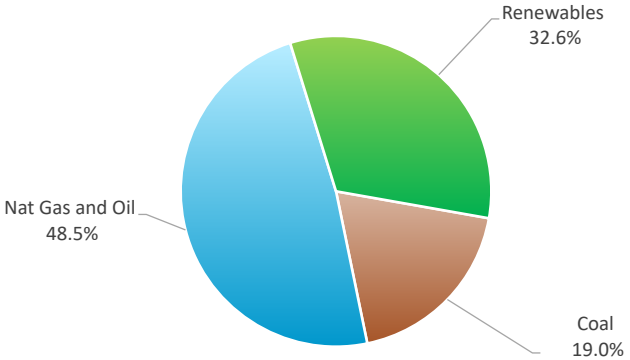
Wind at Nameplate

2015



Wind at Nameplate

2021



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Changes Since the 2021 Triennial IRP

- 2021 Triennial Evergy Metro and Evergy Missouri West IRPs submitted on April 30, 2021
- The information and forecasts that have been updated for the 2022 Annual Update included
  - Supply-side costs
  - Load forecasts
  - Fuel forecasts
  - Proposed and potential environmental regulations
  - Modeling software change to Plexos

IRP Process

- **Develop model inputs**
  - Retail load forecasts
  - Fuel price forecasts
  - DSM program costs/retail load impacts
  - Supply-side costs
  - Environmental retrofit costs

- **Develop Scenarios** – Combinations of Critical Uncertain Factors (e.g., High Load with High Gas and No CO_2 Restrictions)
  - Gas and CO_2 prices utilized to generate SPP market prices

- **Create Alternative Resource Plans** – Combinations of plant retirements, DSM, new generation and retrofits
  - Capacity Expansion (model-generated)
  - Specific Resource Plans

- Simulate hourly generating fleet operation for each Alternative Resource Plan under each Scenario
- Calculate 20-year Net Present Value of Revenue Requirements (NPVRR)

2022 Annual Update

- 2022 is an Annual Update year (not the Triennial IRP)
  - Separate filings for Evergy Metro and Evergy Missouri West, each including a joint Evergy Metro / Evergy Missouri West / Evergy Kansas Central IRP analysis

- Changes from the 2021 Triennial IRPs
  - Gas price forecasts (Mid-case lower)
  - CO_2 emission allowance price forecasts (generally identical)
  - Supply-side costs (higher for all technologies modeled)
  - Retail energy and peak forecasts (generally lower)
  - New modeling software

Load Forecast Analysis

Changes in Inputs to Load Forecasting Models

- Historical data for customers, kWh and $/kWh: ending June 2021 vs ending June 2020
- DOE forecasts of appliance and equipment saturations and kWh/unit: Annual Energy Outlook (“AEO”) 2021 vs AEO 2020
- Updated Economic forecasts from Moody’s Analytics. Historical data ending June 2021.
- The Company also re-evaluated the output elasticity used in the commercial and industrial models and the elasticity used in the residential model. Adjustments made were to improve the model fit.
- Company utilized EPRI electric vehicle study within its modeling for 2022 Update filing.
- The Company utilized Google Mobility Reports data to account for load changes resulting from geolocation behaviors induced by the COVID19 pandemic.

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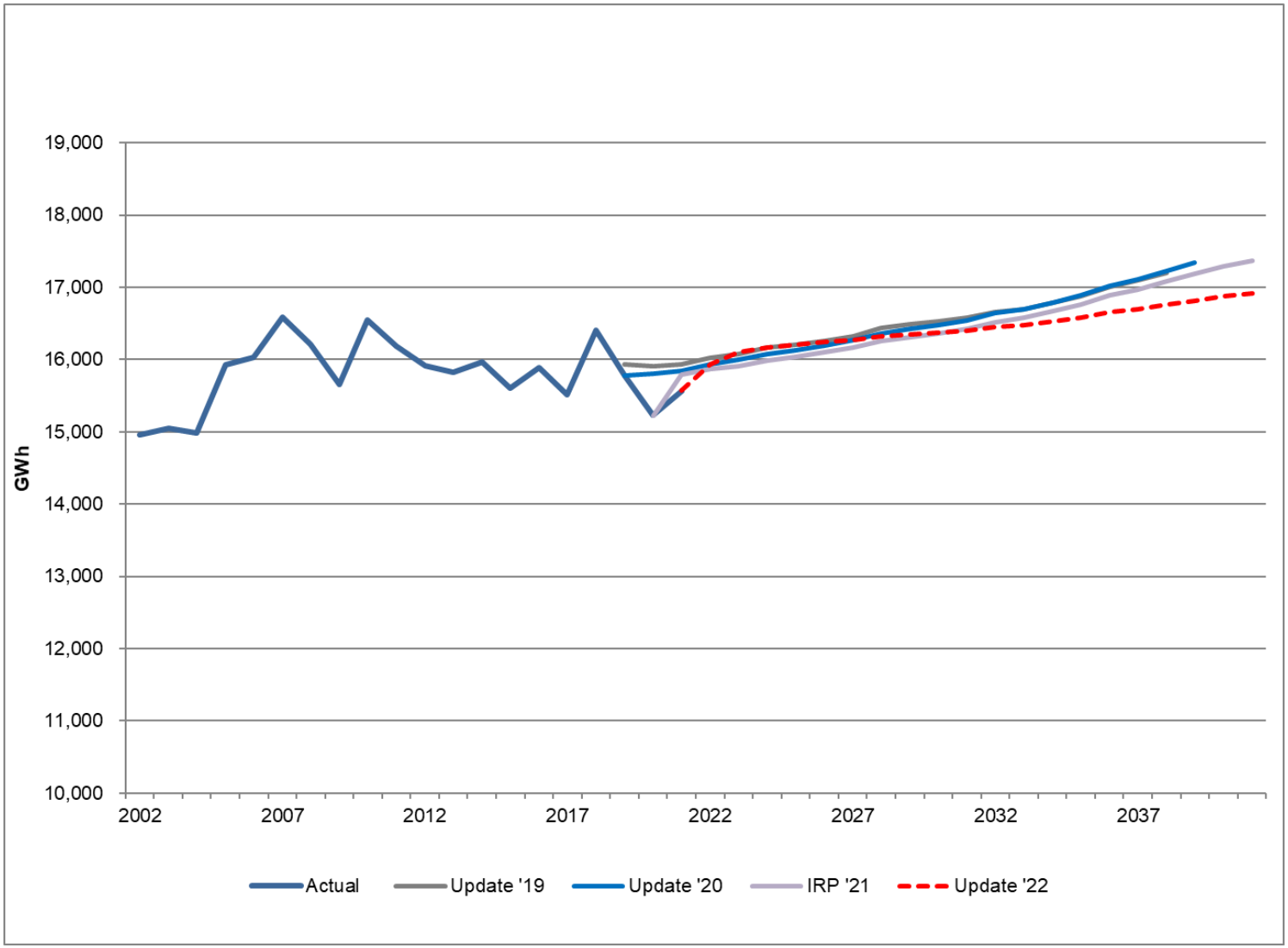
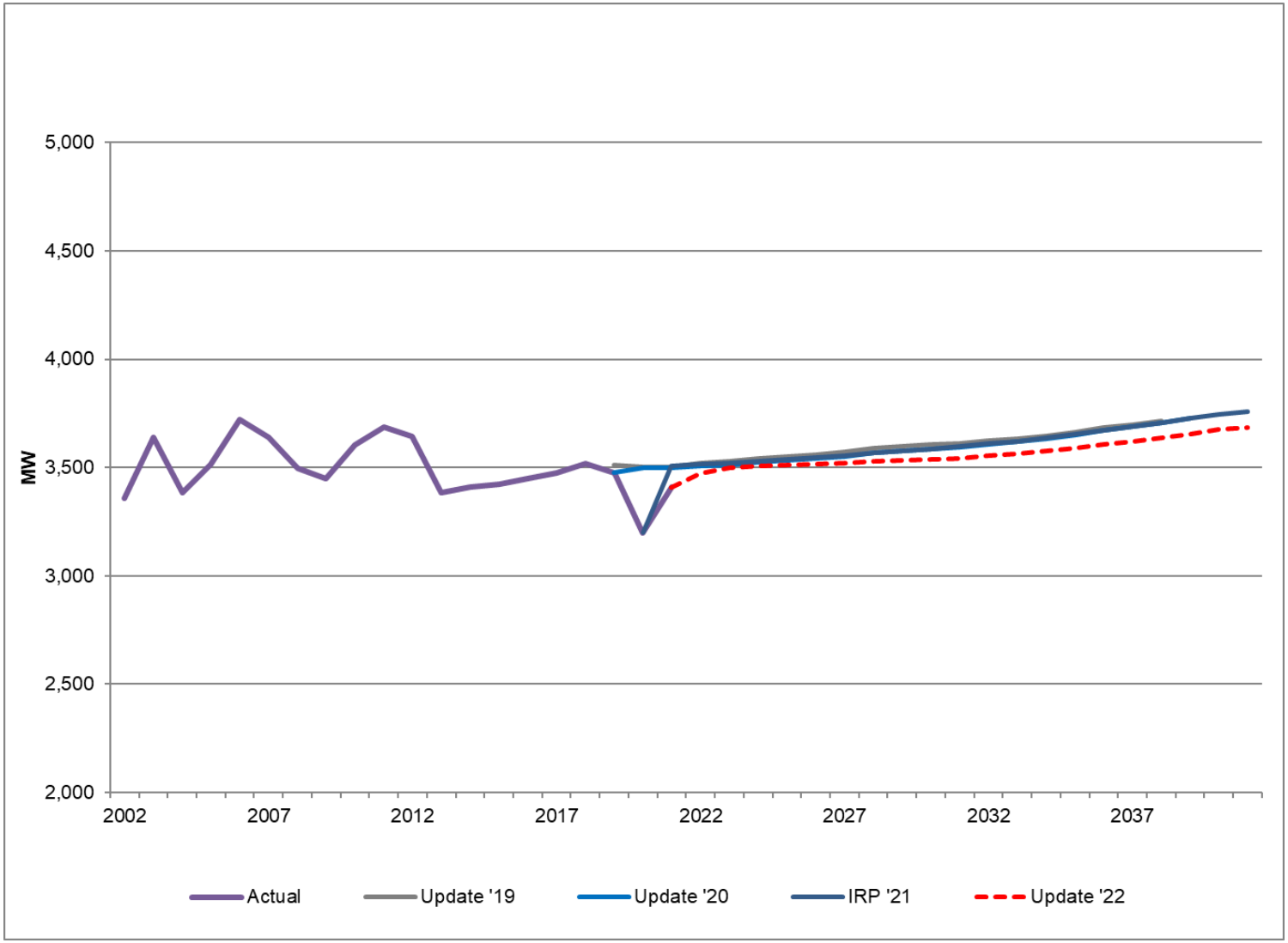
Evergy Metro Historical and Comparison of Mid-Case Forecasts of Net System Input, Excluding future DSM Impacts



Evergy Metro Historical and Comparison of Mid-Case Forecasts of Demand, Excluding future DSM Impacts



Net System Input and Peak Forecast – Evergy Metro

Net System Input (NSI) and Peak Forecast										
Date	Gross NSI (MWh)		DSM	Net NSI (MWh)		Gross Peak (MW)		DSM	DVC	Net Peak (MW)		Gross LF
2002	14,810,168			14,810,168		3,229				3,229		0.5236
2003	15,100,010	2.0%		15,100,010	2.0%	3,307	2.4%			3,307	2.4%	0.5212
2004	15,434,710	2.2%		15,434,710	2.2%	3,600	8.9%			3,600	8.9%	0.4894
2005	15,735,417	1.9%		15,735,417	1.9%	3,496	-2.9%			3,496	-2.9%	0.5138
2006	15,960,834	1.4%		15,960,834	1.4%	3,416	-2.3%			3,416	-2.3%	0.5334
2007	16,286,867	2.0%		16,286,867	2.0%	3,718	8.8%			3,718	8.8%	0.5001
2008	16,306,299	0.1%		16,306,299	0.1%	3,703	-0.4%			3,703	-0.4%	0.5027
2009	16,024,573	-1.7%		16,024,573	-1.7%	3,642	-1.6%			3,642	-1.6%	0.5023
2010	16,057,247	0.2%		16,057,247	0.2%	3,605	-1.0%			3,605	-1.0%	0.5084
2011	15,918,871	-0.9%		15,918,871	-0.9%	3,573	-0.9%			3,573	-0.9%	0.5086
2012	15,642,354	-1.7%		15,642,354	-1.7%	3,401	-4.8%			3,401	-4.8%	0.5250
2013	15,733,616	0.6%		15,733,616	0.6%	3,444	1.3%			3,444	1.3%	0.5215
2014	15,908,170	1.1%		15,908,170	1.1%	3,540	2.8%			3,540	2.8%	0.5130
2015	15,882,360	-0.2%		15,882,360	-0.2%	3,591	1.4%			3,591	1.4%	0.5193
2016	15,827,972	-0.3%		15,827,972	-0.3%	3,524	-1.9%			3,524	-1.9%	0.5127
2017	15,951,842	0.8%		15,951,842	0.8%	3,485	-1.1%			3,485	-1.1%	0.5225
2018	15,849,039	-0.6%		15,849,039	-0.6%	3,518	1.0%			3,518	1.0%	0.5143
2019	15,742,056	-0.7%	(12,242)	15,729,815	-0.8%	3,498	-0.6%			3,498	-0.6%	0.5137
2020	15,475,646	-1.7%	(72,099)	15,403,547	-2.1%	3,317	-5.2%			3,317	-5.2%	0.5326
2021	15,568,229	0.6%	(12,242)	15,555,988	1.0%	3,410	2.8%	(60)		3,350	1.0%	0.5212
2022	15,937,109	2.4%	(72,099)	15,865,009	2.0%	3,474	1.9%	(77)		3,397	1.4%	0.5237
2023	16,098,692	1.0%	(82,280)	16,016,412	1.0%	3,499	0.7%	(64)		3,435	1.1%	0.5252
2024	16,172,134	0.5%	(94,700)	16,077,434	0.4%	3,509	0.3%	(61)		3,448	0.4%	0.5261
2025	16,203,316	0.2%	(90,120)	16,113,196	0.2%	3,512	0.1%	(57)		3,455	0.2%	0.5267
2026	16,239,895	0.2%	(88,823)	16,153,072	0.2%	3,518	0.2%	(53)		3,465	0.3%	0.5270
2027	16,273,678	0.2%	(85,142)	16,188,537	0.2%	3,522	0.1%	(48)		3,474	0.3%	0.5275
2028	16,326,351	0.3%	(82,798)	16,243,553	0.3%	3,531	0.3%	(43)		3,488	0.4%	0.5278
2029	16,346,129	0.1%	(83,273)	16,262,856	0.1%	3,535	0.1%	(40)		3,495	0.2%	0.5279
2030	16,370,562	0.1%	(83,149)	16,287,413	0.2%	3,539	0.1%	(36)		3,503	0.2%	0.5281
2031	16,399,744	0.2%	(76,756)	16,322,988	0.2%	3,544	0.1%	(28)		3,516	0.4%	0.5282
2032	16,452,606	0.3%	(60,006)	16,392,600	0.4%	3,555	0.3%	(17)		3,538	0.6%	0.5283
2033	16,480,660	0.2%	(44,718)	16,435,942	0.3%	3,565	0.3%	(10)		3,555	0.5%	0.5277
2034	16,529,229	0.3%	(31,125)	16,498,104	0.4%	3,578	0.4%	(8)		3,570	0.4%	0.5274
2035	16,581,095	0.3%	(22,666)	16,558,429	0.4%	3,591	0.4%	(7)		3,584	0.4%	0.5271
2036	16,651,807	0.4%	(19,915)	16,631,893	0.4%	3,607	0.4%	(6)		3,601	0.5%	0.5270
2037	16,695,959	0.3%	(13,755)	16,682,204	0.3%	3,622	0.4%	(6)		3,616	0.4%	0.5262
2038	16,756,269	0.4%	(10,116)	16,746,153	0.4%	3,639	0.5%	(5)		3,634	0.5%	0.5256
2039	16,816,331	0.4%	(8,939)	16,807,393	0.4%	3,656	0.5%	(5)		3,651	0.5%	0.5251
2040	16,881,490	0.4%	(5,447)	16,876,043	0.4%	3,674	0.5%	(3)		3,671	1.5%	0.5245
2041	16,909,930	0.2%	(2,542)	16,907,388	0.2%	3,685	0.3%	(1)		3,684	0.4%	0.5238

Historical NSI is Weather Normal, first 6 months of 2021 are weather normal
Historical Peak is Weather Normal, first 6 months of 2021 are weather normal

Gross NSI (MWh) - Forecast		
Forecast Year	2022 IRP Update	2021 IRP
5 Yrs	0.85%	1.07%
10 Yrs	0.52%	0.74%
15 Yrs	0.45%	0.65%
20 Yrs	0.41%	0.65%

Gross Peak (MW) - Forecast		
Forecast Year	2022 IRP Update	2021 IRP
5 Yrs	0.63%	1.10%
10 Yrs	0.39%	0.69%
15 Yrs	0.38%	0.58%
20 Yrs	0.39%	0.56%

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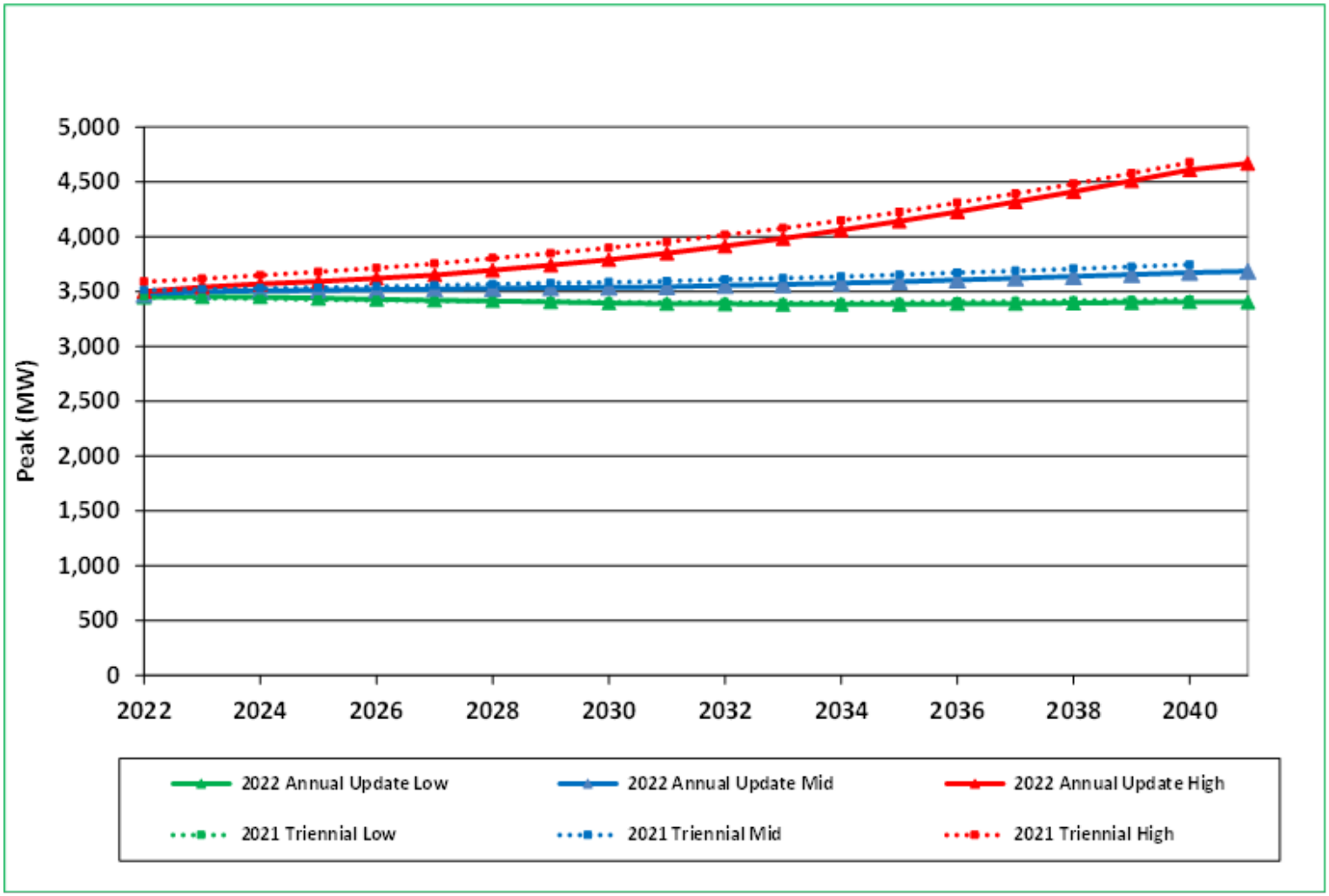
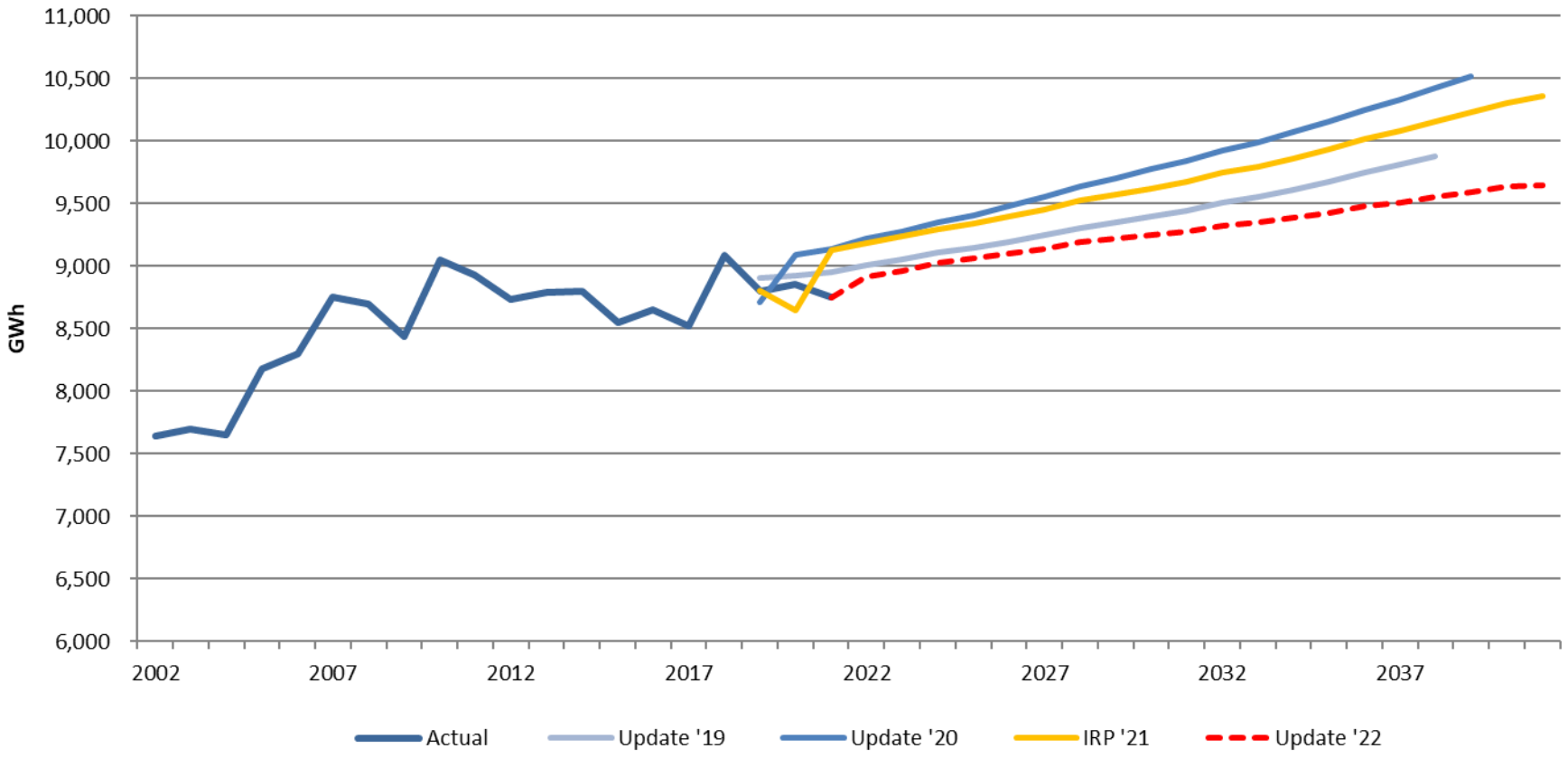
Peak Forecasts – 2022 Annual Update Vs. 2021 Triennial IRP
Evergy Metro

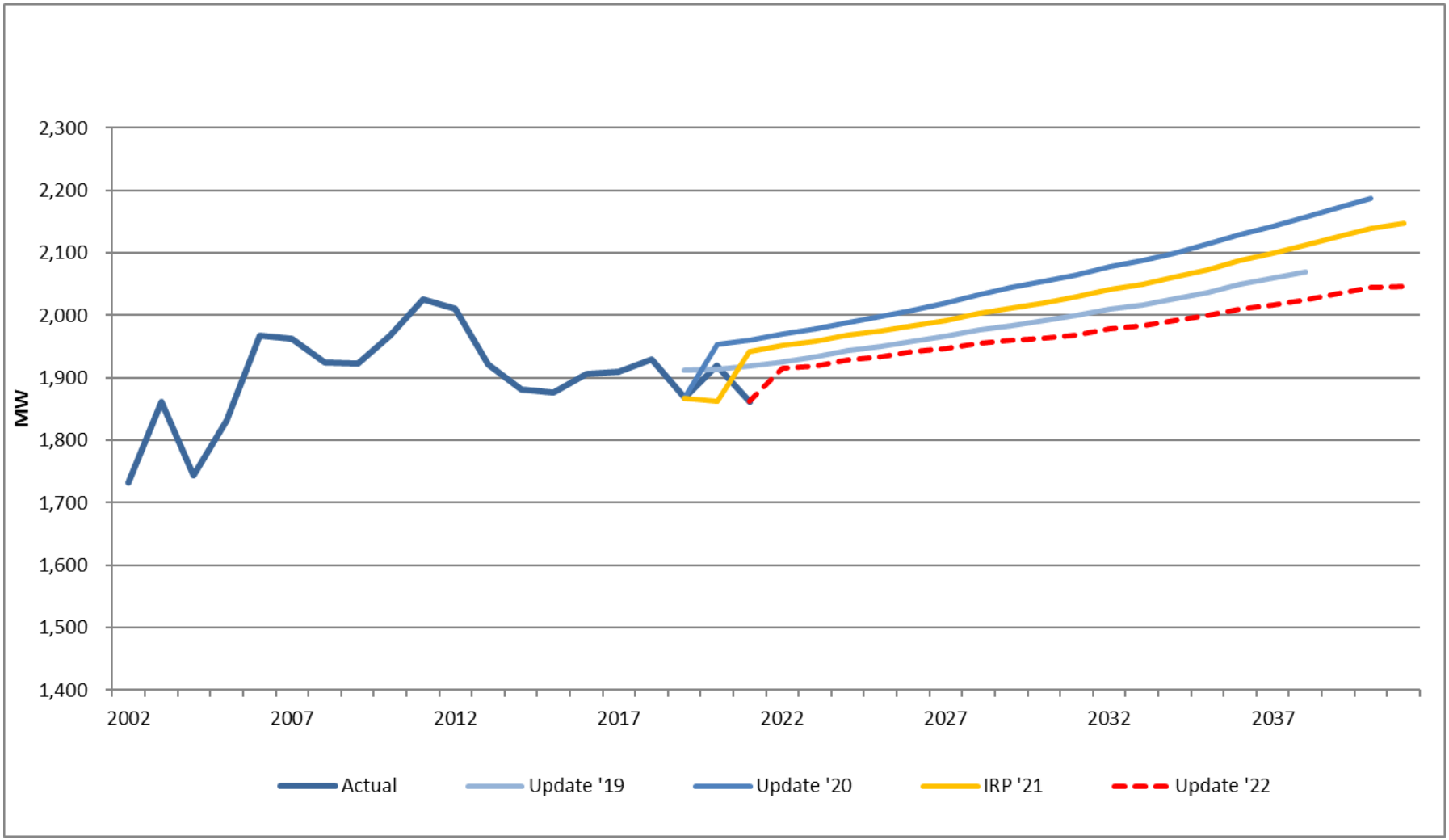


Energy Forecasts – 2022 Annual Update Vs. 2021 Triennial IRP
Evergy Metro

Evergy Missouri West Historical and Comparison of Mid-Case Forecasts of Net System Input, Excluding future DSM Impacts



Evergy Missouri West Historical and Comparison of Mid-Case Forecasts of Demand, Excluding future DSM Impacts



Evergy MO West Historical and Mid-Case Forecasts

Net System Input (NSI) and Peak Forecast										
Date	Gross NSI (MWh)		DSM	Net NSI (MWh)		Gross Peak (MW)	DSM	DVC	Net Peak (MW)		Gross LF
2002	7,472,196			7,472,196		1,680			1,680		0.5077
2003	7,621,565	2.0%		7,621,565	2.0%	1,716	2.1%		1,716	2.1%	0.5070
2004	7,881,521	3.4%		7,881,521	3.4%	1,828	6.5%		1,828	6.5%	0.4922
2005	8,049,913	2.1%		8,049,913	2.1%	1,812	-0.9%		1,812	-0.9%	0.5071
2006	8,271,620	2.8%		8,271,620	2.8%	1,842	1.7%		1,842	1.7%	0.5126
2007	8,552,828	3.4%		8,552,828	3.4%	1,926	4.6%		1,926	4.6%	0.5069
2008	8,708,764	1.8%		8,708,764	1.8%	1,958	1.7%		1,958	1.7%	0.5077
2009	8,650,524	-0.7%		8,650,524	-0.7%	1,896	-3.2%		1,896	-3.2%	0.5208
2010	8,754,972	1.2%		8,754,972	1.2%	1,890	-0.3%		1,890	-0.3%	0.5288
2011	8,732,993	-0.3%		8,732,993	-0.3%	1,914	1.3%		1,914	1.3%	0.5209
2012	8,640,687	-1.1%		8,640,687	-1.1%	1,945	1.6%		1,945	1.6%	0.5072
2013	8,694,450	0.6%		8,694,450	0.6%	1,861	-4.3%		1,861	-4.3%	0.5333
2014	8,737,596	0.5%		8,737,596	0.5%	1,870	0.5%		1,870	0.5%	0.5335
2015	8,717,003	-0.2%		8,717,003	-0.2%	1,869	0.0%		1,869	0.0%	0.5193
2016	8,623,847	-1.1%		8,623,847	-1.1%	1,873	0.2%		1,873	0.2%	0.5257
2017	8,743,444	1.4%		8,743,444	1.4%	1,923	2.7%		1,923	2.7%	0.5190
2018	8,709,034	-0.4%		8,709,034	-0.4%	1,926	0.2%		1,926	0.2%	0.5162
2019	8,718,677	0.1%		8,718,677	0.1%	1,930	0.2%		1,930	0.2%	0.5157
2020	8,854,282	1.6%		8,854,282	1.6%	1,919	-0.6%		1,919	-0.6%	0.5267
2021	8,751,000	-1.2%	(13,600)	8,737,399	-1.3%	1,862	-3.0%	(99)	0	1,763	-8.1%	0.5365
2022	8,911,669	1.8%	(67,198)	8,844,471	1.2%	1,915	2.8%	(118)	0	1,797	1.9%	0.5312
2023	8,963,124	0.6%	(59,579)	8,903,545	0.7%	1,919	0.2%	(62)	0	1,857	3.3%	0.5332
2024	9,026,081	0.7%	(80,378)	8,945,704	0.5%	1,929	0.5%	(60)	0	1,869	0.6%	0.5341
2025	9,064,554	0.4%	(76,144)	8,988,411	0.5%	1,934	0.3%	(56)	0	1,878	0.5%	0.5350
2026	9,105,801	0.5%	(73,090)	9,032,711	0.5%	1,941	0.4%	(52)	0	1,889	0.6%	0.5355
2027	9,142,571	0.4%	(70,661)	9,071,910	0.4%	1,947	0.3%	(47)	0	1,900	0.6%	0.5360
2028	9,191,442	0.5%	(67,063)	9,124,379	0.6%	1,955	0.4%	(41)	0	1,914	0.7%	0.5367
2029	9,219,180	0.3%	(68,541)	9,150,639	0.3%	1,960	0.3%	(38)	0	1,922	0.4%	0.5369
2030	9,246,335	0.3%	(70,286)	9,176,049	0.3%	1,964	0.2%	(35)	0	1,929	0.4%	0.5374
2031	9,276,498	0.3%	(65,624)	9,210,874	0.4%	1,969	0.3%	(27)	0	1,942	0.7%	0.5378
2032	9,322,175	0.5%	(53,717)	9,268,457	0.6%	1,978	0.5%	(16)	0	1,962	1.0%	0.5380
2033	9,351,322	0.3%	(42,219)	9,309,103	0.4%	1,984	0.3%	(10)	0	1,974	0.6%	0.5381
2034	9,390,146	0.4%	(30,260)	9,359,887	0.5%	1,992	0.4%	(8)	0	1,984	0.5%	0.5381
2035	9,428,992	0.4%	(22,869)	9,406,123	0.5%	2,000	0.4%	(7)	0	1,993	0.5%	0.5382
2036	9,479,534	0.5%	(20,261)	9,459,274	0.6%	2,009	0.4%	(7)	0	2,002	0.5%	0.5386
2037	9,509,460	0.3%	(15,043)	9,494,416	0.4%	2,016	0.3%	(6)	0	2,010	0.4%	0.5385
2038	9,551,322	0.4%	(12,117)	9,539,205	0.5%	2,025	0.4%	(6)	0	2,019	0.4%	0.5384
2039	9,592,494	0.4%	(10,162)	9,582,331	0.5%	2,034	0.4%	(5)	0	2,029	0.5%	0.5384
2040	9,634,688	0.4%	(4,444)	9,630,244	0.5%	2,044	0.5%	(2)	0	2,042	0.6%	0.5381
2041	9,650,478	0.2%	(4,696)	9,645,782	0.2%	2,047	0.1%	0	0	2,047	0.2%	0.5382

Historical NSI is Weather Normal, first 6 months of 2021 are weather normal
Historical Peak is Weather Normal, first 6 months of 2021 are weather normal

Gross NSI (MWh) - Forecast		
Forecast Year	2022 Update	2021 IRP
5 Yrs	0.80%	1.13%
10 Yrs	0.58%	0.87%
15 Yrs	0.53%	0.80%
20 Yrs	0.49%	0.79%

Gross Peak (MW) - Forecast		
Forecast Year	2022 Update	2021 IRP
5 Yrs	0.83%	0.83%
10 Yrs	0.56%	0.66%
15 Yrs	0.51%	0.62%
20 Yrs	0.47%	0.62%

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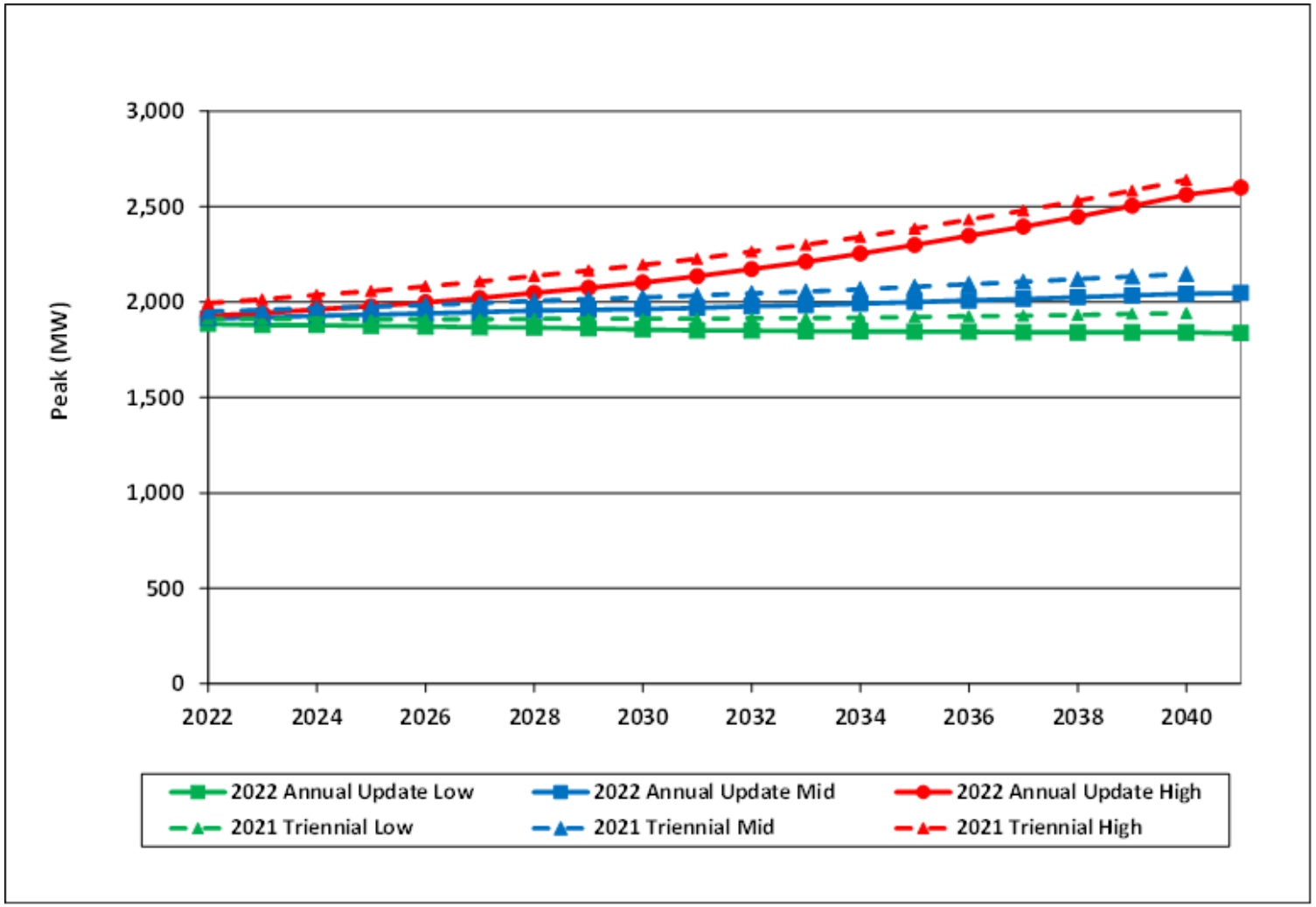
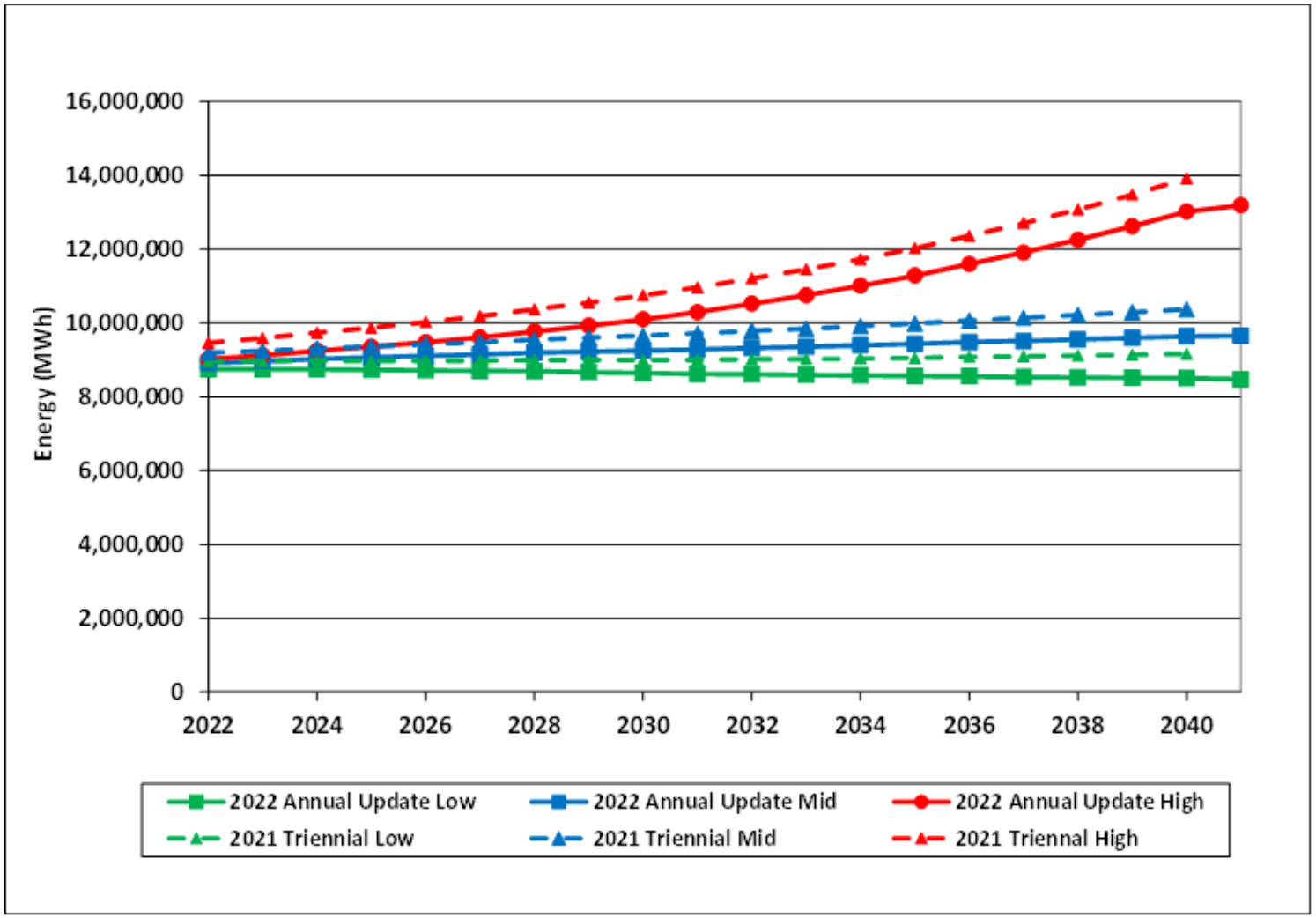
Peak Forecasts – 2022 Annual Update Vs. 2021 Triennial IRP
Evergy Missouri West



Energy Forecasts – 2022 Annual Update Vs. 2021 Triennial IRP
Evergy Missouri West



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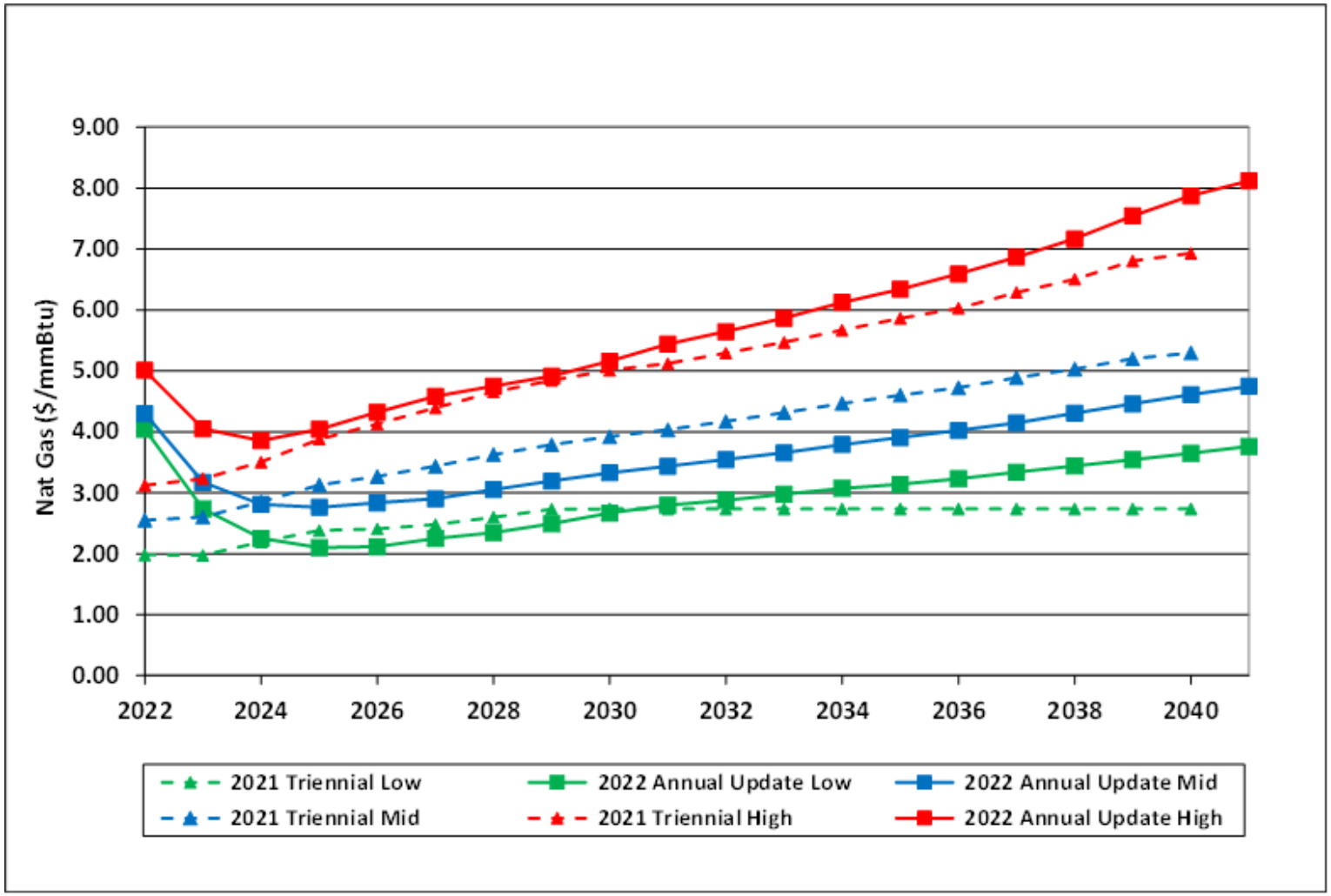
Supply-Side Analysis

Natural Gas Price Forecast - 2022 Annual Update Vs. 2021 Triennial IRP



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CO_2 Price Forecast - 2022 Annual Update
** Confidential **

Supply-Side Cost Assumptions- 2022 Annual Update Vs. 2021 Triennial IRP
** Confidential **

Generation Technology	2021 IRP (2023$/kW)	2022 IRP (2023$/kW)
Combustion Turbine	$784	$895
Combined Cycle	$1,211	$1,334
Solar	$1,100	
Wind	$1,387	

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Demand-Side Management

Demand-Side Analysis – Evergy Metro Missouri

- No updates for DSM Potentials Forecast on Energy and Demand savings for 2022
- MEEIA 3 Remaining impacts are updated to reflect the newest Load Forecast
- Evergy is currently conducting a new DSM Potential Study, the results will be applied in 2023 update

Demand-Side Analysis – Evergy Missouri West

- No updates for DSM Potentials Forecast on Energy and Demand savings for 2022
- MEEIA 3 Remaining impacts are updated to reflect the newest Load Forecast
- Evergy is currently conducting a new DSM Potential Study, the results will be applied in 2023 update

Integrated Analysis

New Modeling Process

Market Prices

- Utilized SPP economic models for years 3, 5 & 10
- Updated with Evergy commodity price and resource assumptions
- Produced nodal market price forecast (as opposed to zonal) using PROMOD
- Utilized implied heat rate, gas & CO_2 prices to interpolate and extrapolate for full 20 year forecast
- Generally produced lower market prices than MIDAS (historical tool)

Capacity Expansion

- Utilized new Plexos model to perform optimization given market prices, capacity requirements and available resource types
- Creates lowest cost resource plan given market scenario and resource options
- Performs better with relatively constrained problem set (i.e., focus on retirements *or* additions)
- Plexos also utilized for production cost modeling

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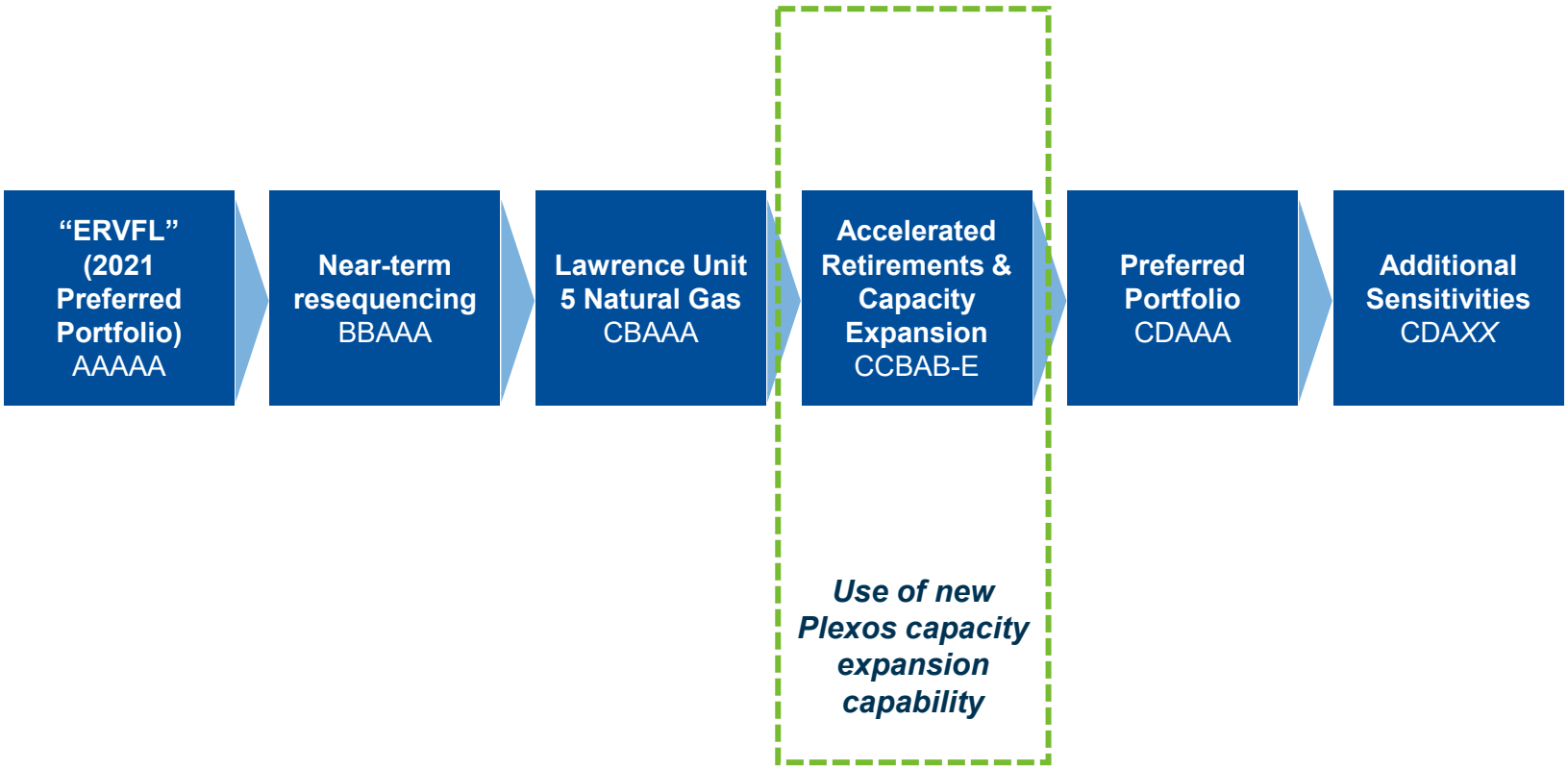
Risk Analysis – 27 Scenarios

- Three risks considered as critical uncertain factors – load growth, natural gas prices and CO_2 emission allowance prices
- Probabilities for low/mid/high load growth and natural gas: 35%/50%/15%
- Probability for low/mid/high of CO_2 restrictions: 20%/60%/20%
- The weighted scenario probability is the product of the three probabilities for each critical uncertain factor

Endpoint	Load Growth	Natural Gas	CO_2	Endpoint Probability
1	High	High	High	0.5%
2	High	High	Mid	1.4%
3	High	High	Low	0.5%
4	High	Mid	High	1.5%
5	High	Mid	Mid	4.5%
6	High	Mid	Low	1.5%
7	High	Low	High	1.1%
8	High	Low	Mid	3.2%
9	High	Low	Low	1.1%
10	Mid	High	High	1.5%
11	Mid	High	Mid	4.5%
12	Mid	High	Low	1.5%
13	Mid	Mid	High	5.0%
14	Mid	Mid	Mid	15.0%
15	Mid	Mid	Low	5.0%
16	Mid	Low	High	3.5%
17	Mid	Low	Mid	10.5%
18	Mid	Low	Low	3.5%
19	Low	High	High	1.1%
20	Low	High	Mid	3.2%
21	Low	High	Low	1.1%
22	Low	Mid	High	3.5%
23	Low	Mid	Mid	10.5%
24	Low	Mid	Low	3.5%
25	Low	Low	High	2.5%
26	Low	Low	Mid	7.4%
27	Low	Low	Low	2.5%

Alternative Resource Plans



20-Year Net Present Value Revenue Requirement – Evergy Metro
** Confidential **

Rank (L-H)	Plan	NPVRR ($mm)	Delta
1	CCBAE	$18,090	$0
2	CCBAA	$18,149	$59
3	CCBAB	$18,199	$109
3	CDAAA	$18,199	$109
5	CCBAC	$18,205	$115
6	AAAAA	$18,222	$132
7	BBAAA	$18,234	$144
7	CBAAA	$18,234	$144
9	CBBAB	$18,249	$159
10	CDABA	$18,258	$168

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20-Year Net Present Value Revenue Requirement – Evergy Missouri West

Rank (L-H)	Plan	NPVRR ($mm)	Delta
1	CDAAF	$10,013	$0
2	CCBAC	$10,022	$9
3	CCBAB	$10,024	$10
4	CCBAA	$10,027	$14
5	CCBAD	$10,031	$18
6	CDAAA	$10,033	$20
7	CCBAE	$10,036	$23
8	CBBAB	$10,039	$25
9	BBAAA	$10,040	$27
9	CBAAA	$10,040	$27
11	AAAAA	$10,044	$31
12	CDABF	$10,083	$70

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20-Year Net Present Value Revenue Requirement – Joint Planning
** Confidential **

Rank (L-H)	Plan	NPVRR ($mm)	Delta
1	CCBAB	$57,291	$0
2	CCBAE	$57,379	$88
3	CBBAB	$57,451	$161
4	CCBAA	$57,461	$170
5	CDAAA	$57,541	$250
6	CCBAC	$57,565	$274
7	CBAAA	$57,688	$397
8	BBAAA	$57,717	$426
9	AAAAA	$57,808	$517

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Summary and Evaluation

- Lowest cost plans at Evergy Metro and Joint Planning level include accelerated retirement in ~2030
- Selected Preferred Plan without specific additional retirement given uncertainty around *which* unit will ultimately be most economic to retire
- Due to exclusion of retirement and corresponding savings, Preferred Plan ranks as higher cost plan, but is lower cost than 2021 Preferred Plan across all utilities
- Preferred Plan for Missouri West includes delayed retirement of Lake Road 4/6 and is lowest cost plan on an expected value basis

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Resource Acquisition Strategy

Preferred Plan Selections

- Evergy Metro

Plan Name	DSM Level	Retire	Renewable Additions		Generation Additions (if needed)
CDAAA	RAP + DSR (MO) /RAP- + DSR (KS)	LaCygne 1: Dec 31, 2032 LaCygne 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 150 MW Wind 2025 108 MW Wind 2026	72 MW Solar 2028 108 MW Solar 2029 108 MW Solar 2030 108 MW Solar 2031 108 MW Solar 2032 108 MW Solar 2033 108 MW Solar 2034 108 MW Solar 2035	1 CC (418 MW) in 2040

- Evergy Missouri West

Plan Name	DSM Level	Retire	Renewable Additions		Generation Additions (if needed)
CDAAF	RAP + DSR	Lake Road 4/6: Dec 31, 2030 Jeffrey 3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 72 MW Wind 2026	48 MW Solar 2028 72 MW Solar 2029 72 MW Solar 2030 72 MW Solar 2031 72 MW Solar 2032 72 MW Solar 2033 72 MW Solar 2034 72 MW Solar 2035	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040

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Comparison to 2021 Preferred Plan – Evergy Metro

Plan Name	DSM Level	Retire	Renewable Additions		Generation Additions (if needed)
2022 Annual Update CDAAA	RAP + DSR (MO) /RAP- + DSR (KS)	LaCygne 1: Dec 31, 2032 LaCygne 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 150 MW Wind 2025 108 MW Wind 2026	72 MW Solar 2028 108 MW Solar 2029 108 MW Solar 2030 108 MW Solar 2031 108 MW Solar 2032 108 MW Solar 2033 108 MW Solar 2034 108 MW Solar 2035	1 CC (418 MW) in 2040
2021 Triennial IRP MCGCU	RAP + DSR (MO) /RAP- + DSR (KS)	LaCygne-1: Dec 31, 2032 LaCygne-2: Dec 31, 2039 Iatan-1: Dec 31, 2039	120 MW Wind 2025 120 MW Wind 2026	230 MW Solar 2024 120 MW Solar 2028 120 MW Solar 2029 120 MW Solar 2030 120 MW Solar 2031 120 MW Solar 2032	3 CT (699 MW) in 2040

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Comparison to 2021 Preferred Plan – Missouri West

Plan Name	DSM Level	Retire	Renewable Additions		Generation Additions (if needed)
2022 Annual Update CDAAF	RAP + DSR	Lake Road 4/6: Dec 31, 2030 Jeffrey 3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 72 MW Wind 2026	48 MW Solar 2028 72 MW Solar 2029 72 MW Solar 2030 72 MW Solar 2031 72 MW Solar 2032 72 MW Solar 2033 72 MW Solar 2034 72 MW Solar 2035	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040
2021 Triennial IRP WDDBU	RAP + DSR	Lake Road 4/6: Dec 31, 2024 Jeffrey-3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039 Iatan-1: Dec 31, 2039	80 MW Wind 2025 80 MW Wind 2026	120 MW Solar 2024 80 MW Solar 2028 80 MW Solar 2029 80 MW Solar 2030 80 MW Solar 2031 80 MW Solar 2032	1 CT (233 MW) in 2033 1 CT (233 MW) in 2039 1 CT (233 MW) in 2040

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Maintaining Flexibility

Sources of Uncertainty

- Commodity Prices
- Supply-Side Resource Costs
- SPP Interconnection Queue
- Distributed Energy Resources
- Electrification & Load Growth
- Resource Adequacy Requirements
- Environmental Regulation

Ongoing Flexibility

- Continuous monitoring of macroeconomic factors
- Ongoing evaluation of conditions and alternatives which could impact each decision: retirements (incl. gas operations or seasonal cycling as alternatives), resource additions, DSM
- Identifying discrete Points of Commitment in execution process
- Incorporation of relevant evaluations and changing conditions in annual IRP filings

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Appendix

Naming Convention Alternative Resource Plans – Evergy Metro

2023-2025 Execution	Builds 2026-2041	Capacity Expansion	DSM Program	Retirements
A. 2021 Preferred Plan B. Execution Changes C. Execution Changes and Lawrence 5 on Gas	A. 2021 Preferred Plan B. Execution Changes C. 24% of Builds from Evergy Combined Plan through 2035 D. Builds from CCBAB	A. Balance as needed B. Full Capacity Expansion 2036-2041	A. RAP (Metro and Missouri West), RAP- (Kansas Central) B. MEEIA Goals (Metro and Missouri West), RAP- (Kansas Central)	A. 2021 Preferred Plan (ERVFL) B. ERVFL C. ERVFL + Hawthorn 5 retires in 2029 D. ERVFL + LaCygne 2 retires in 2029 E. ERVFL + Iatan 1 retires in 2029

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Alternative Resource Plans Evaluated – Evergy Metro

Plan Name	DSM Level	Retire	Renewable Additions		Generation Additions (if needed)
Metro AAAAA	RAP + DSR (MO) /RAP- + DSR (KS)	LaCygne 1: Dec 31, 2032 LaCygne 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	120 MW Wind 2025 120 MW Wind 2026	230 MW Solar 2024 120 MW Solar 2028 120 MW Solar 2029 120 MW Solar 2030 120 MW Solar 2031 120 MW Solar 2032	1 CC (418 MW) in 2040
Metro BBAAA	RAP + DSR (MO) /RAP- + DSR (KS)	LaCygne 1: Dec 31, 2032 LaCygne 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 150 MW Wind 2025	230 MW Solar 2026 120 MW Solar 2028 120 MW Solar 2029 120 MW Solar 2030 120 MW Solar 2031 120 MW Solar 2032	1 CC (418 MW) in 2040
Metro CBAAA	RAP + DSR (MO) /RAP- + DSR (KS)	LaCygne 1: Dec 31, 2032 LaCygne 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 150 MW Wind 2025	230 MW Solar 2026 120 MW Solar 2028 120 MW Solar 2029 120 MW Solar 2030 120 MW Solar 2031 120 MW Solar 2032	1 CC (418 MW) in 2040
Metro CBBAB	RAP + DSR (MO) /RAP- + DSR (KS)	LaCygne 1: Dec 31, 2032 LaCygne 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 150 MW Wind 2025	230 MW Solar 2026 120 MW Solar 2028 120 MW Solar 2029 120 MW Solar 2030 120 MW Solar 2031 120 MW Solar 2032 36 MW Solar 2033 108 MW Solar 2034 108 MW Solar 2035 150 MW Solar 2038	1 CC (418 MW) in 2040
Metro CCBAA	RAP + DSR (MO) /RAP- + DSR (KS)	LaCygne 1: Dec 31, 2032 LaCygne 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 150 MW Wind 2025	72 MW Solar 2032 108 MW Solar 2033 108 MW Solar 2034 72 MW Solar 2035 150 MW Solar 2040 150 MW Solar 2041	1 CC (418 MW) in 2040

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Alternative Resource Plans Evaluated – Evergy Metro (continued)

Plan Name	DSM Level	Retire	Renewable Additions		Generation Additions (if needed)
Metro CCBAB	RAP + DSR (MO) /RAP- + DSR (KS)	LaCygne 1: Dec 31, 2032 LaCygne 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 150 MW Wind 2025 108 MW Wind 2026	72 MW Solar 2028 108 MW Solar 2029 108 MW Solar 2030 108 MW Solar 2031 108 MW Solar 2032 108 MW Solar 2033 108 MW Solar 2034 108 MW Solar 2035	1 CC (418 MW) in 2040
Metro CCBAC	RAP + DSR (MO) /RAP- + DSR (KS)	Hawthorn 5: Dec 31, 2029 LaCygne 1: Dec 31, 2032 LaCygne 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 150 MW Wind 2025 36 MW Wind 2026	108 MW Solar 2030 108 MW Solar 2031 108 MW Solar 2032 108 MW Solar 2033 72 MW Solar 2034 108 MW Solar 2035 300 MW Solar 2036 300 MW Solar 2038 300 MW Solar 2039 300 MW Solar 2041	2 CC (836 MW) in 2040
Metro CCBAD	RAP + DSR (MO) /RAP- + DSR (KS)	LaCygne 2: Dec 31, 2029 LaCygne 1: Dec 31, 2032 Iatan 1: Dec 31, 2039	150 MW Wind 2024 150 MW Wind 2025 108 MW Wind 2026	36 MW Solar 2028 108 MW Solar 2029 108 MW Solar 2030 108 MW Solar 2031 108 MW Solar 2032 108 MW Solar 2033 108 MW Solar 2034 108 MW Solar 2035	1 CC (418 MW) in 2040
Metro CCBAE	RAP + DSR (MO) /RAP- + DSR (KS)	Iatan 1: Dec 31, 2029 LaCygne 1: Dec 31, 2032 LaCygne 2: Dec 31, 2039	150 MW Wind 2024 150 MW Wind 2025 108 MW Wind 2026	36 MW Solar 2029 108 MW Solar 2030 108 MW Solar 2031 108 MW Solar 2032 108 MW Solar 2033 108 MW Solar 2034 108 MW Solar 2035	1 CC (418 MW) in 2040
Metro CDAAA	RAP + DSR (MO) /RAP- + DSR (KS)	LaCygne 1: Dec 31, 2032 LaCygne 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 150 MW Wind 2025 108 MW Wind 2026	72 MW Solar 2028 108 MW Solar 2029 108 MW Solar 2030 108 MW Solar 2031 108 MW Solar 2032 108 MW Solar 2033 108 MW Solar 2034 108 MW Solar 2035	1 CC (418 MW) in 2040

Naming Convention Alternative Resource Plans – Evergy Missouri West

2023-2025 Execution	Builds 2026-2041	Capacity Expansion	DSM Program	Retirements
A. 2021 Preferred Plan B. Execution Changes C. Execution Changes and Lawrence 5 on Gas	A. 2021 Preferred Plan B. Execution Changes C. 16% of Builds from Evergy Combined Plan through 2035 D. Builds from CCBAB	A. Balance as needed B. Full Capacity Expansion 2036-2041	A. RAP (Metro and Missouri West), RAP- (Kansas Central) B. MEEIA Goals (Metro and Missouri West), RAP- (Kansas Central)	A. 2021 Preferred Plan (ERVFL) B. ERVFL + Jeffrey 2 retires in 2030 C. ERVFL D. ERVFL E. ERVFL + Iatan 1 retires in 2029 F. ERVFL adjusted for Lake Road 4/6 retires in 2030

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Alternative Resource Plans Evaluated – Evergy Missouri West

Plan Name	DSM Level	Retire	Renewable Additions		Generation Additions (if needed)
West AAAAA	RAP + DSR	Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	80 MW Wind 2025 80 MW Wind 2026	120 MW Solar 2024 80 MW Solar 2028 80 MW Solar 2029 80 MW Solar 2030 80 MW Solar 2031 80 MW Solar 2032	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040
West BBAAA	RAP + DSR	Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024	120 MW Solar 2026 80 MW Solar 2028 80 MW Solar 2029 80 MW Solar 2030 80 MW Solar 2031 80 MW Solar 2032	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040
West CBAAA	RAP + DSR	Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024	120 MW Solar 2026 80 MW Solar 2028 80 MW Solar 2029 80 MW Solar 2030 80 MW Solar 2031 80 MW Solar 2032	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040
West CBBAB	RAP + DSR	Lake Road 4/6: Dec 31, 2024 Jeffrey 2 & 3: Dec 31, 2030 Jeffrey 1: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024	120 MW Solar 2026 80 MW Solar 2028 80 MW Solar 2029 80 MW Solar 2030 80 MW Solar 2031 80 MW Solar 2032 24 MW Solar 2033 72 MW Solar 2034 72 MW Solar 2035 150 MW Solar 2038	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040
West CCBAA	RAP + DSR	Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024	48 MW Solar 2032 72 MW Solar 2033 72 MW Solar 2034 48 MW Solar 2035	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040
West CCBAB	RAP + DSR	Lake Road 4/6: Dec 31, 2024 Jeffrey 2 & 3: Dec 31, 2030 Jeffrey 1: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 72 MW Wind 2026	48 MW Solar 2028 72 MW Solar 2029 72 MW Solar 2030 72 MW Solar 2031 72 MW Solar 2032 72 MW Solar 2033 72 MW Solar 2034 72 MW Solar 2035	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040
West CCBAC	RAP + DSR	Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 24 MW Wind 2026	72 MW Solar 2030 72 MW Solar 2031 72 MW Solar 2032 72 MW Solar 2033 48 MW Solar 2034 72 MW Solar 2035	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040
West CCBAD	RAP + DSR	Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 72 MW Wind 2026	24 MW Solar 2028 72 MW Solar 2029 72 MW Solar 2030 72 MW Solar 2031 72 MW Solar 2032 72 MW Solar 2033 72 MW Solar 2034 72 MW Solar 2035	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040
West CCBAE	RAP + DSR	Lake Road 4/6: Dec 31, 2024 Iatan 1: Dec 31, 2029 Jeffrey 3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039	150 MW Wind 2024 72 MW Wind 2026	24 MW Solar 2029 72 MW Solar 2030 72 MW Solar 2031 72 MW Solar 2032 72 MW Solar 2033 72 MW Solar 2034 72 MW Solar 2035	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040
West CDAAA	RAP + DSR	Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 72 MW Wind 2026	48 MW Solar 2028 72 MW Solar 2029 72 MW Solar 2030 72 MW Solar 2031 72 MW Solar 2032 72 MW Solar 2033 72 MW Solar 2034 72 MW Solar 2035	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040
West CDAAF	RAP + DSR	Lake Road 4/6: Dec 31, 2030 Jeffrey 3: Dec 31, 2030 Jeffrey 1 & 2: Dec 31, 2039 Iatan 1: Dec 31, 2039	150 MW Wind 2024 72 MW Wind 2026	48 MW Solar 2028 72 MW Solar 2029 72 MW Solar 2030 72 MW Solar 2031 72 MW Solar 2032 72 MW Solar 2033 72 MW Solar 2034 72 MW Solar 2035	1 CT (237 MW) in 2036 1 CT (237 MW) in 2040

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Naming Convention Alternative Resource Plans – Joint Planning

2023-2025 Execution	Builds 2026-2041	Capacity Expansion	DSM Program	Retirements
A. 2021 Preferred Plan B. Execution Changes C. Execution Changes and Lawrence 5 on Gas	A. 2021 Preferred Plan B. Execution Changes C. Varies (Capacity Expansions) D. Builds from CCBAB	A. Balance as needed B. Full Capacity Expansion	A. RAP (Metro and Missouri West), RAP- (Kansas Central) B. MEEIA Goals (Metro and Missouri West), RAP- (Kansas Central)	A. 2021 Preferred Plan (ERVFL) B. ERVFL + Jeffrey 2 retires in 2030 C. ERVFL + Hawthorn 5 retires in 2029 D. ERVFL + LaCygne 2 retires in 2029 E. ERVFL + Iatan 1 retires in 2029 F. n/a G. ERVFL adjusted for Jeffrey 3 retires in 2039 H. ERVFL adjusted for Jeffrey 3 retires in 2039 and no added environmental cost for Jeffrey units

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Alternative Resource Plans Evaluated – Joint Planning

Plan Name	DSM Level	Retire	Renewable Additions		Generation Additions (if needed)
Evergy AAAAA	RAP + DSR (EM) + RAP + DSR (EMW) + RAP- (EKC)	Lawrence 5 Coal: Dec 31, 2023 Lawrence 4: Dec 31, 2024 Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 LaCygne 1: Dec 31, 2032 Iatan 1: Dec 31, 2039 Jeffrey 1 & 2: Dec 31, 2039 LaCygne 2: Dec 31, 2039	500 MW Wind 2025 500 MW Wind 2026	350 MW Solar 2023 350 MW Solar 2024 500 MW Solar 2028 500 MW Solar 2029 500 MW Solar 2030 500 MW Solar 2031 500 MW Solar 2032	1 CT (233 MW) in 2036 1 CT (233 MW) in 2037 1 CT (233 MW) in 2039 12 CT (2796 MW) in 2040
Evergy BBAAA	RAP + DSR (EM) + RAP + DSR (EMW) + RAP- (EKC)	Lawrence 5 Coal: Dec 31, 2023 Lawrence 4: Dec 31, 2024 Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 LaCygne 1: Dec 31, 2032 Iatan 1: Dec 31, 2039 Jeffrey 1 & 2: Dec 31, 2039 LaCygne 2: Dec 31, 2039	300 MW Wind 2024 500 MW Wind 2025	190 MW Solar 2024 350 MW Solar 2026 500 MW Solar 2028 500 MW Solar 2029 500 MW Solar 2030 500 MW Solar 2031 500 MW Solar 2032	1 CC (418 MW) in 2036 2 CC (836 MW) in 2038 2 CC (836 MW) in 2039 2 CT (474 MW) in 2040 1 CC (418 MW) in 2040 1 CT (237 MW) in 2041
Evergy CBAAA	RAP + DSR (EM) + RAP + DSR (EMW) + RAP- (EKC)	Lawrence 5 Coal: Dec 31, 2023 Lawrence 4: Dec 31, 2024 Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 LaCygne 1: Dec 31, 2032 Iatan 1: Dec 31, 2039 Jeffrey 1 & 2: Dec 31, 2039 LaCygne 2: Dec 31, 2039	300 MW Wind 2024 500 MW Wind 2025	190 MW Solar 2024 350 MW Solar 2026 500 MW Solar 2028 500 MW Solar 2029 500 MW Solar 2030 500 MW Solar 2031 500 MW Solar 2032	Lawrence 5 NG (338 MW) 2024 2 CC (836 MW) in 2038 2 CT (474 MW) in 2039 1 CC (418 MW) in 2039 4 CT (948 MW) in 2040 1 CT (237 MW) in 2041
Evergy CBBAB	RAP + DSR (EM) + RAP + DSR (EMW) + RAP- (EKC)	Lawrence 5 Coal: Dec 31, 2023 Lawrence 4: Dec 31, 2024 Lake Road 4/6: Dec 31, 2024 Jeffrey 2&3: Dec 31, 2030 LaCygne 1: Dec 31, 2032 Iatan 1: Dec 31, 2039 Jeffrey 1: Dec 31, 2039 LaCygne 2: Dec 31, 2039	300 MW Wind 2024 500 MW Wind 2025	190 MW Solar 2024 350 MW Solar 2026 500 MW Solar 2028 500 MW Solar 2029 500 MW Solar 2030 500 MW Solar 2031 500 MW Solar 2032 150 MW Solar 2033 450 MW Solar 2034 450 MW Solar 2035 150 MW Solar 2038	Lawrence 5 NG (338 MW) 2024 1 CC (418 MW) in 2036 1 CC (418 MW) in 2038 2 CC (836 MW) in 2039 2 CC (836 MW) in 2040 1 CT (237 MW) in 2041
Evergy CCBAA	RAP + DSR (EM) + RAP + DSR (EMW) + RAP- (EKC)	Lawrence 5 Coal: Dec 31, 2023 Lawrence 4: Dec 31, 2024 Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 LaCygne 1: Dec 31, 2032 Iatan 1: Dec 31, 2039 Jeffrey 1 & 2: Dec 31, 2039 LaCygne 2: Dec 31, 2039	300 MW Wind 2024 500 MW Wind 2025 150 MW Wind 2037	190 MW Solar 2024 300 MW Solar 2032 450 MW Solar 2033 450 MW Solar 2034 300 MW Solar 2035 450 MW Solar 2036 300 MW Solar 2037	Lawrence 5 NG (338 MW) 2024 2 CC (836 MW) in 2038 2 CC (836 MW) in 2039 4 CT (948 MW) in 2040 1 CT (237 MW) in 2041

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Alternative Resource Plans Evaluated – Joint Planning (continued)

Plan Name	DSM Level	Retire	Renewable Additions		Generation Additions (if needed)
Evergy CCBAB	RAP + DSR (EM) + RAP + DSR (EMW) + RAP- (EKC)	Lawrence 5 Coal: Dec 31, 2023 Lawrence 4: Dec 31, 2024 Lake Road 4/6: Dec 31, 2024 Jeffrey 2&3: Dec 31, 2030 LaCygne 1: Dec 31, 2032 Iatan 1: Dec 31, 2039 Jeffrey 1: Dec 31, 2039 LaCygne 2: Dec 31, 2039	300 MW Wind 2024 500 MW Wind 2025 450 MW Wind 2026 450 MW Wind 2041	190 MW Solar 2024 300 MW Solar 2028 450 MW Solar 2029 450 MW Solar 2030 450 MW Solar 2031 450 MW Solar 2032 450 MW Solar 2033 450 MW Solar 2034 450 MW Solar 2035 150 MW Solar 2036	Lawrence 5 NG (338 MW) 2024 1 CT (237 MW) in 2036 1 CC (418 MW) in 2038 2 CC (836 MW) in 2039 4 CT (948 MW) in 2040
Evergy CCBAC	RAP + DSR (EM) + RAP + DSR (EMW) + RAP- (EKC)	Lawrence 5 Coal: Dec 31, 2023 Lawrence 4: Dec 31, 2024 Lake Road 4/6: Dec 31, 2024 Hawthorn 5: Dec 31, 2029 Jeffrey 3: Dec 31, 2030 LaCygne 1: Dec 31, 2032 Iatan 1: Dec 31, 2039 Jeffrey 1 & 2: Dec 31, 2039 LaCygne 2: Dec 31, 2039	300 MW Wind 2024 500 MW Wind 2025 150 MW Wind 2026 450 MW Wind 2037 450 MW Wind 2041	190 MW Solar 2024 450 MW Solar 2030 450 MW Solar 2031 450 MW Solar 2032 450 MW Solar 2033 300 MW Solar 2034 450 MW Solar 2035 150 MW Solar 2036	Lawrence 5 NG (338 MW) 2024 1 CC (418 MW) in 2036 2 CC (836 MW) in 2038 2 CC (836 MW) in 2039 4 CT (948 MW) in 2040
Evergy CCBAD	RAP + DSR (EM) + RAP + DSR (EMW) + RAP- (EKC)	Lawrence 5 Coal: Dec 31, 2023 Lawrence 4: Dec 31, 2024 Lake Road 4/6: Dec 31, 2024 LaCygne 2: Dec 31, 2029 Jeffrey 3: Dec 31, 2030 LaCygne 1: Dec 31, 2032 Iatan 1: Dec 31, 2039 Jeffrey 1 & 2: Dec 31, 2039	300 MW Wind 2024 500 MW Wind 2025 450 MW Wind 2026 300 MW Wind 2041	190 MW Solar 2024 150 MW Solar 2028 450 MW Solar 2029 450 MW Solar 2030 450 MW Solar 2031 450 MW Solar 2032 450 MW Solar 2033 450 MW Solar 2034 450 MW Solar 2035 150 MW Solar 2041	Lawrence 5 NG (338 MW) 2024 1 CC (418 MW) 2036 1 CC (418 MW) 2038 2 CC (836 MW) 2039 2 CC (836 MW) 2040
Evergy CCBAE	RAP + DSR (EM) + RAP + DSR (EMW) + RAP- (EKC)	Lawrence 5 Coal: Dec 31, 2023 Lawrence 4: Dec 31, 2024 Lake Road 4/6: Dec 31, 2024 Iatan 1: Dec 31, 2029 Jeffrey 3: Dec 31, 2030 LaCygne 1: Dec 31, 2032 Jeffrey 1 & 2: Dec 31, 2039 LaCygne 2: Dec 31, 2039	300 MW Wind 2024 500 MW Wind 2025 450 MW Wind 2026 450 MW Wind 2041	190 MW Solar 2024 150 MW Solar 2029 450 MW Solar 2030 450 MW Solar 2031 450 MW Solar 2032 450 MW Solar 2033 450 MW Solar 2034 450 MW Solar 2035	Lawrence 5 NG (338 MW) 2024 1 CC (418 MW) in 2036 1 CC (418 MW) in 2038 2 CC (836 MW) in 2039 2 CC (836 MW) in 2040
Evergy CDAAA	RAP + DSR (EM) + RAP + DSR (EMW) + RAP- (EKC)	Lawrence 5 Coal: Dec 31, 2023 Lawrence 4: Dec 31, 2024 Lake Road 4/6: Dec 31, 2024 Jeffrey 3: Dec 31, 2030 LaCygne 1: Dec 31, 2032 Iatan 1: Dec 31, 2039 Jeffrey 1 & 2: Dec 31, 2039 LaCygne 2: Dec 31, 2039	300 MW Wind 2024 500 MW Wind 2025 450 MW Wind 2026 450 MW Wind 2041	190 MW Solar 2024 300 MW Solar 2028 450 MW Solar 2029 450 MW Solar 2030 450 MW Solar 2031 450 MW Solar 2032 450 MW Solar 2033 450 MW Solar 2034 450 MW Solar 2035 150 MW Solar 2036	Lawrence 5 NG (338 MW) 2024 1 CT (237 MW) in 2036 1 CC (418 MW) in 2038 2 CC (836 MW) in 2039 4 CT (948 MW) in 2040

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