

Appendix A
Complete Results and
Diagnostic Graphs

Supply Inputs Sensitivity: Baseline

NYCA Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	26,315	24,322	23,481	21,833	23,485	21,836
Hydro	5,018	4,210	5,018	4,210	5,018	4,210
Nuclear	3,345	3,266	3,345	3,266	2,156	2,105
Onshore Wind	1,739	278	1,983	210	9,698	633
Offshore Wind	0	0	1,200	349	7,591	362
Utility-Scale Solar	56	26	5,056	942	16,669	702
Storage (2h)	592	258	2,156	816	4,264	1,266
Storage (4h)	2	2	9	7	386	229
Net Imports	973	973	973	973	973	973
SCRs	1,185	1,067	1,185	1,185	1,185	1,185
UDRs	1,042	1,042	1,042	1,042	1,042	1,042
Other Resources	2,671	2,541	2,571	2,450	3,251	3,109
TDI	0	0	0	0	0	0
Total	42,939	37,985	48,021	37,283	75,719	37,653

G-J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	14,029	12,951	12,306	11,417	12,306	11,417
Hydro	101	52	101	52	101	52
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	694	202	5,060	241
Utility-Scale Solar	0	0	0	0	944	40
Storage (2h)	1	1	1,343	509	1,436	426
Storage (4h)	0	0	4	3	158	94
Net Imports	0	0	0	0	0	0
SCRs	523	470	523	523	523	523
UDRs	299	299	299	299	299	299
Other Resources	19	18	75	72	339	328
TDI	0	0	0	0	0	0
Total	14,972	13,791	15,345	13,077	21,165	13,420

Supply Inputs Sensitivity: Baseline

J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	9,519	8,775	7,796	7,241	7,796	7,240
Hydro	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	694	202	5,060	241
Utility-Scale Solar	0	0	0	0	0	0
Storage (2h)	1	0	1,342	508	1,433	425
Storage (4h)	0	0	4	3	157	93
Net Imports	0	0	0	0	0	0
SCRs	428	385	428	428	428	428
UDRs	299	299	299	299	299	299
Other Resources	0	0	54	52	239	232
TDI	0	0	0	0	0	0
Total	10,247	9,459	10,618	8,733	15,412	8,959

K Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	5,148	4,636	4,037	3,681	4,037	3,681
Hydro	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	506	147	2,531	121
Utility-Scale Solar	56	26	56	11	56	2
Storage (2h)	589	257	812	307	1,378	409
Storage (4h)	2	1	4	3	223	132
Net Imports	0	0	0	0	0	0
SCRs	43	39	43	43	43	43
UDRs	743	743	743	743	743	743
Other Resources	121	115	157	150	326	314
TDI	0	0	0	0	0	0
Total	6,703	5,818	6,357	5,085	9,336	5,445

Demand Inputs Sensitivity: Baseline

UCAP Reference Point Price (\$/kW-mo)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	\$9.43	\$8.87	\$8.72	\$9.43	\$8.87	\$8.72
G-J Locality	\$15.12	\$14.84	\$13.84	\$15.12	\$14.84	\$13.84
NYC (J)	\$23.25	\$21.58	\$19.70	\$23.25	\$21.58	\$19.70
LI (K)	\$18.53	\$14.33	\$12.99	\$18.53	\$14.33	\$12.99

UCAP/ICAP Translation Factors (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	12.4%	24.4%	53.2%	11.3%	24.8%	52.8%
G-J Locality	8.0%	15.6%	38.1%	7.8%	14.9%	36.5%
NYC (J)	7.8%	19.1%	43.9%	7.7%	18.0%	41.9%
LI (K)	14.9%	22.8%	45.5%	15.0%	22.2%	44.1%

UCAP Capacity Requirement (MW)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	34,429	33,284	34,733	34,835	33,122	35,055
G-J Locality	12,816	11,689	12,499	12,835	11,792	12,810
NYC (J)	8,397	8,051	8,348	8,405	8,151	8,652
LI (K)	5,237	5,094	5,546	5,229	5,138	5,691

UCAP Reserve Margin (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	107.9%	104.9%	98.0%	109.1%	104.4%	98.9%
G-J Locality	85.7%	79.2%	76.8%	85.9%	79.9%	78.7%
NYC (J)	77.8%	75.8%	71.5%	77.9%	76.7%	74.1%
LI (K)	96.9%	93.9%	88.1%	96.7%	94.7%	90.4%

IRM/LCR (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	123.1%	138.9%	209.6%	123.1%	138.9%	209.6%
G-J Locality	93.2%	93.9%	123.9%	93.2%	93.9%	123.9%
NYC (J)	84.4%	93.6%	127.5%	84.4%	93.6%	127.5%
LI (K)	113.8%	121.7%	161.6%	113.8%	121.7%	161.6%

Outputs Sensitivity: Baseline

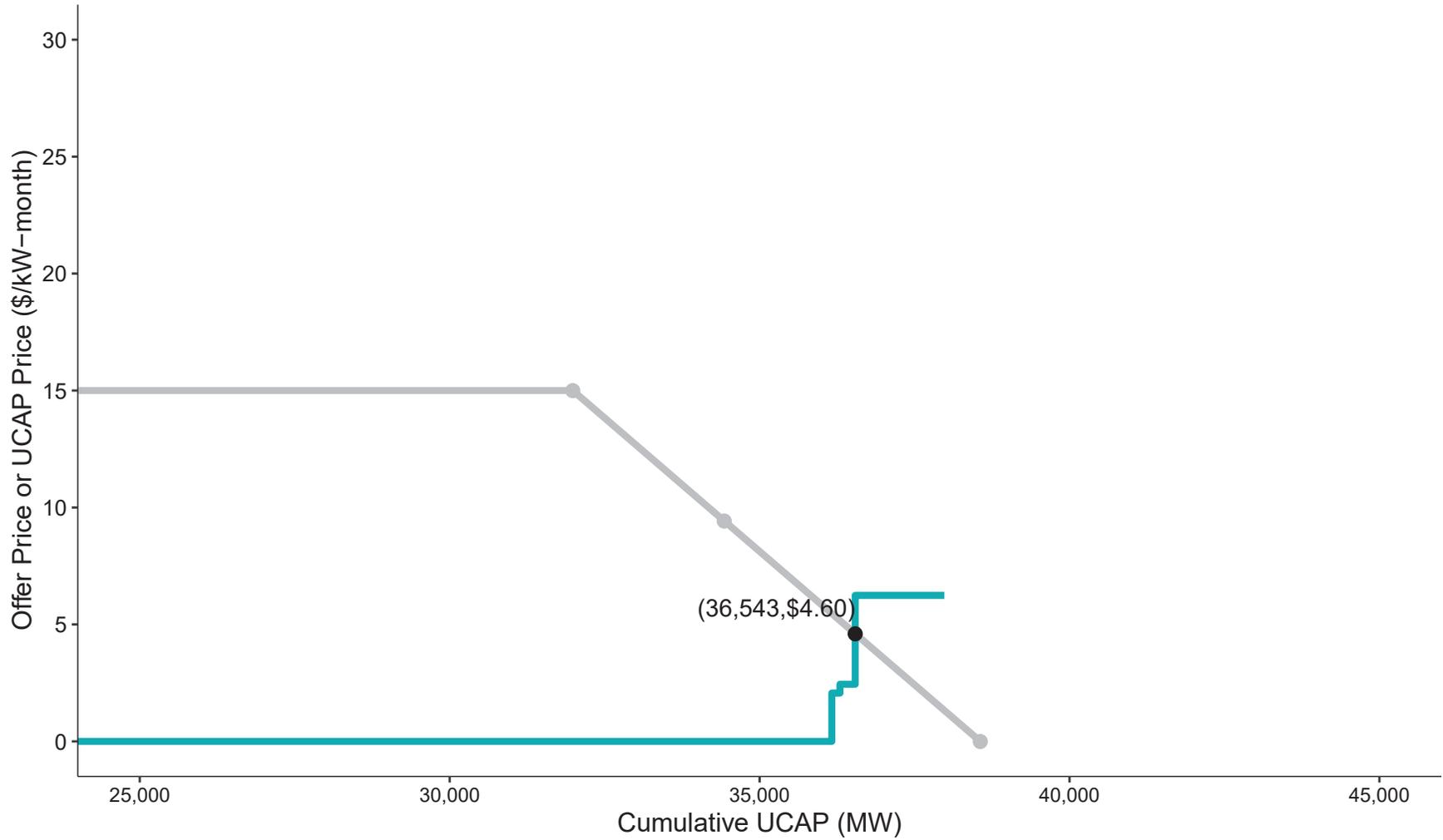
Clearing Prices (\$/kW-mo)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	\$4.60	\$5.07	\$6.89	\$3.33	\$4.23	\$6.28
G-J Locality	\$7.46	\$9.02	\$9.58	\$3.87	\$5.81	\$7.09
NYC (J)	\$7.46	\$12.83	\$13.89	\$3.87	\$7.51	\$10.93
LI (K)	\$7.13	\$14.61	\$14.52	\$3.66	\$12.05	\$13.18

Clearing UCAP Quantities (MW)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	36,543	34,996	35,607	37,540	35,200	36,234
G-J Locality	13,791	12,376	13,076	14,268	12,868	13,746
NYC (J)	9,459	8,638	8,792	9,667	9,107	9,345
LI (K)	5,817	5,076	5,429	5,985	5,286	5,676

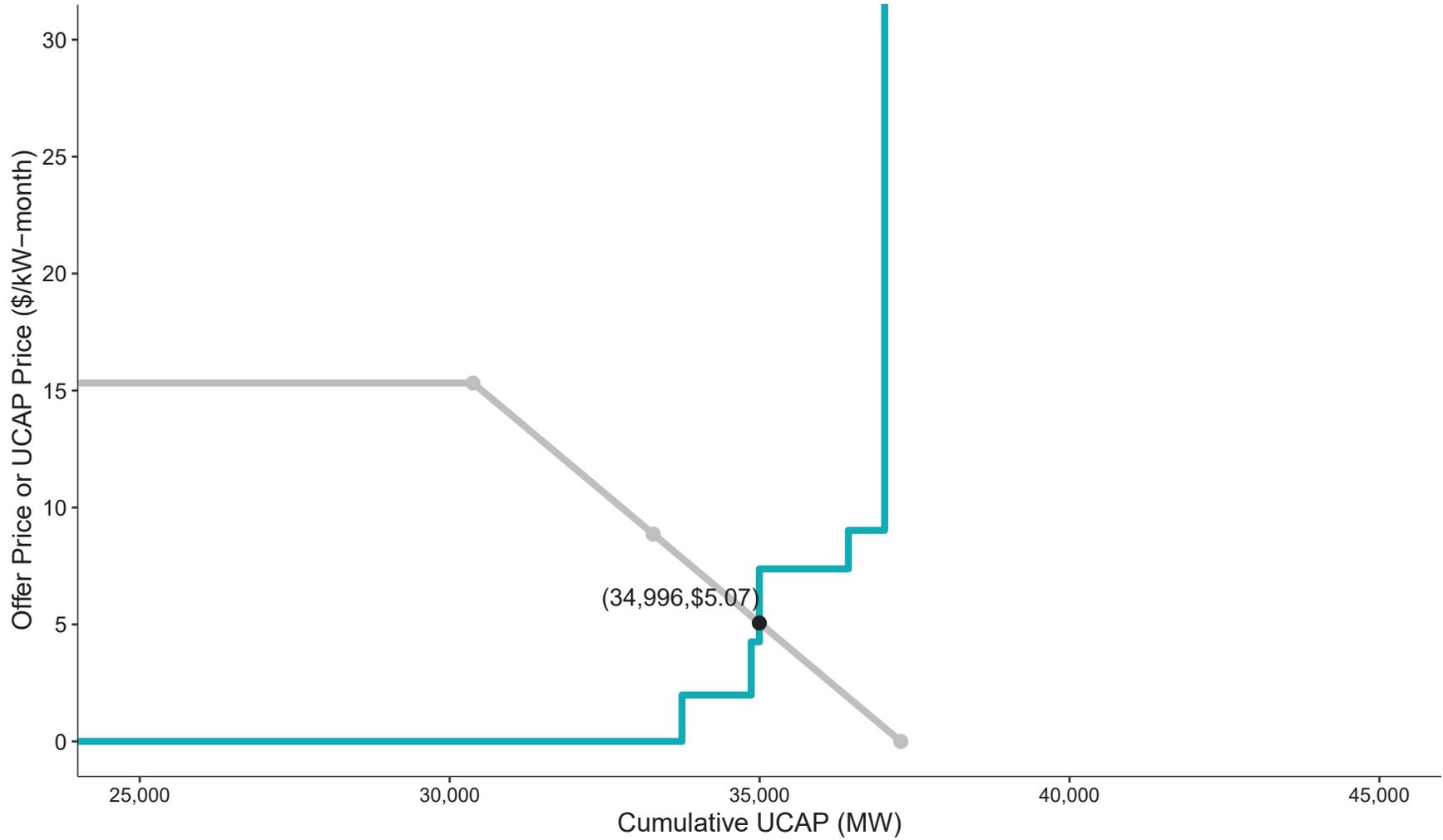
Note:

[1] Supply and Demand Curves show “unadjusted” clearing prices. The final clearing price in each capacity locality is the highest price for which capacity segments in that locality are eligible.

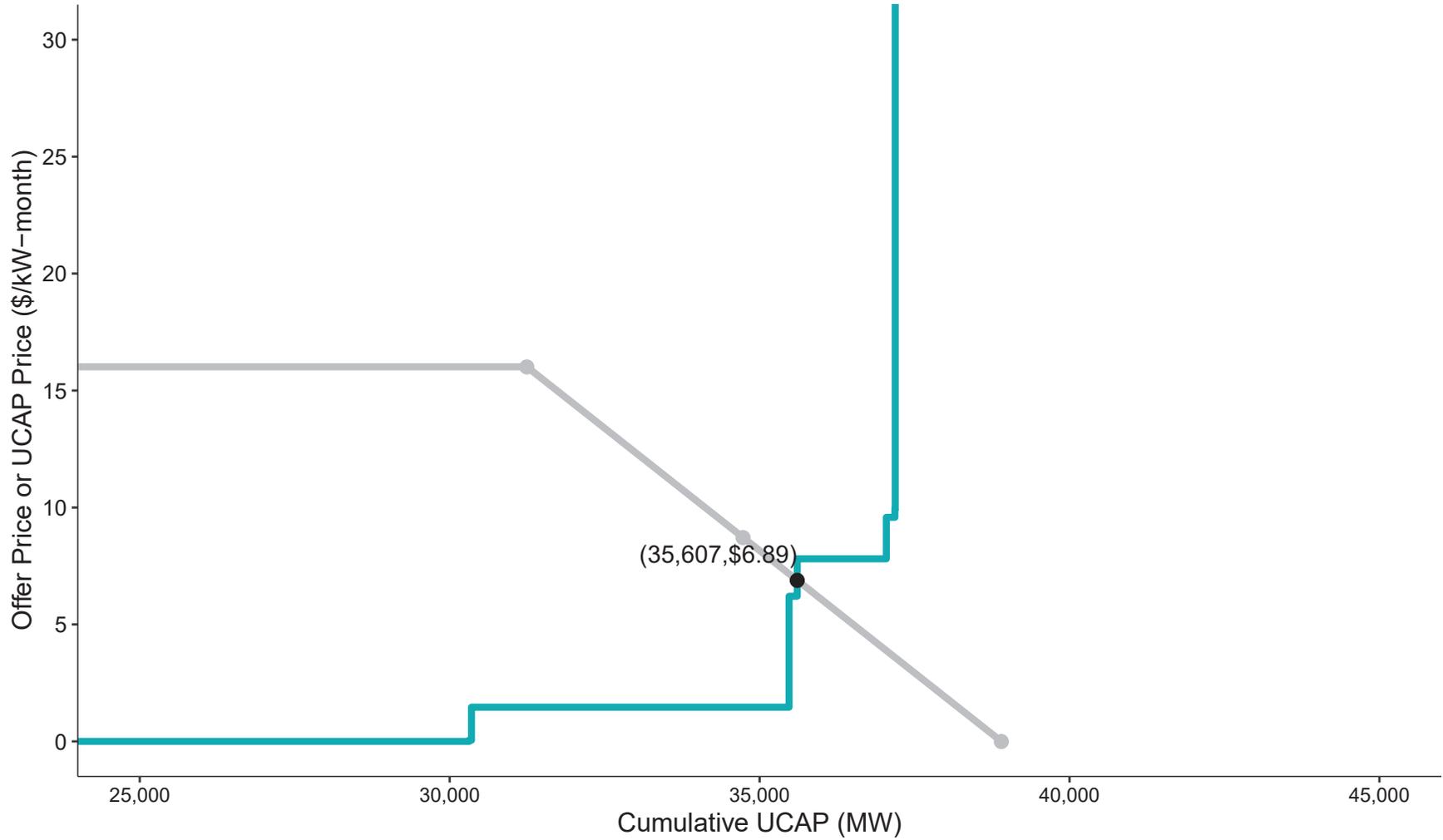
Supply and Demand Curves
Sensitivity: Baseline
Year: 2022
Capacity Locality: NYCA
Season: Summer



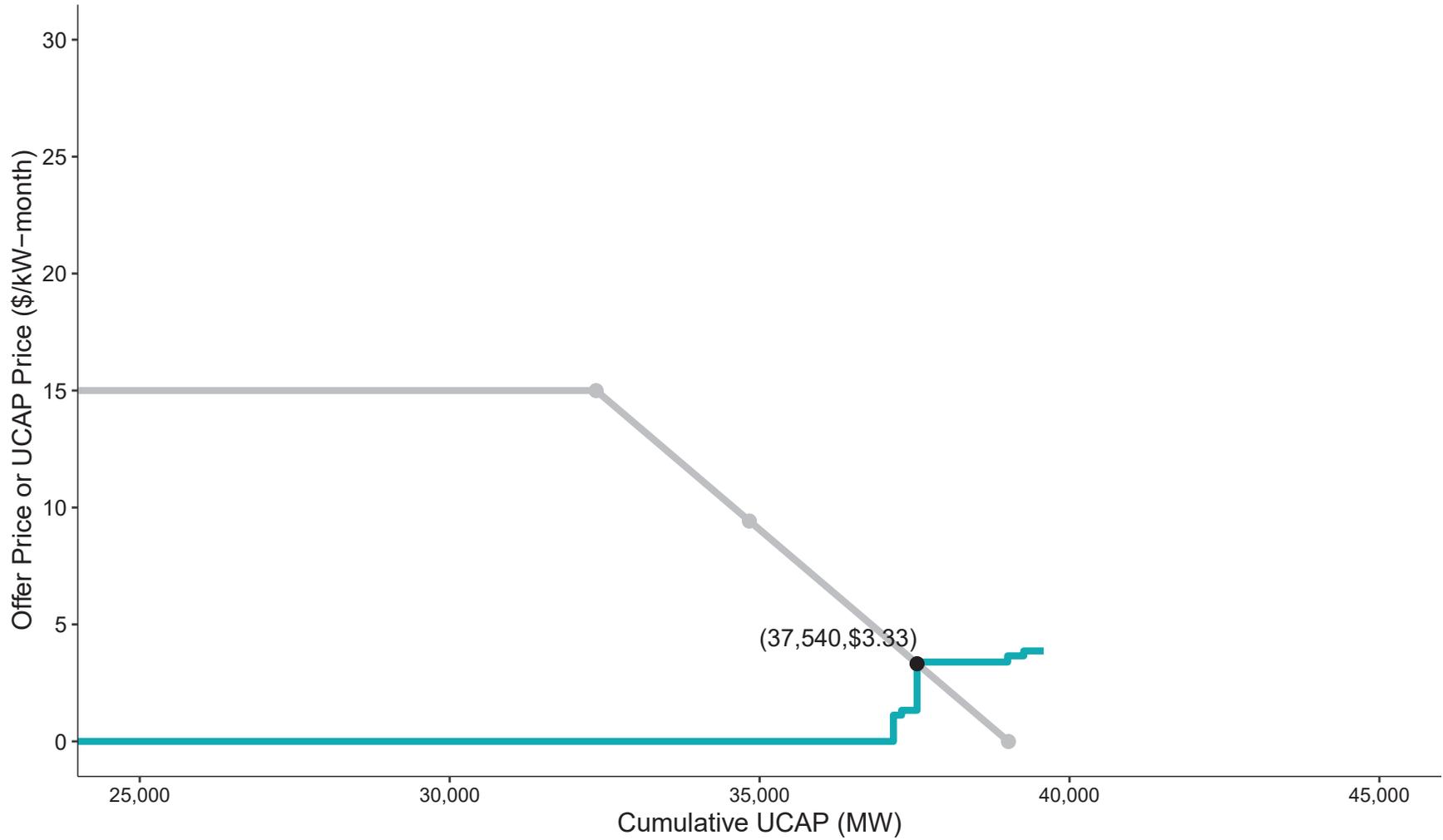
Supply and Demand Curves
Sensitivity: Baseline
Year: 2026
Capacity Locality: NYCA
Season: Summer



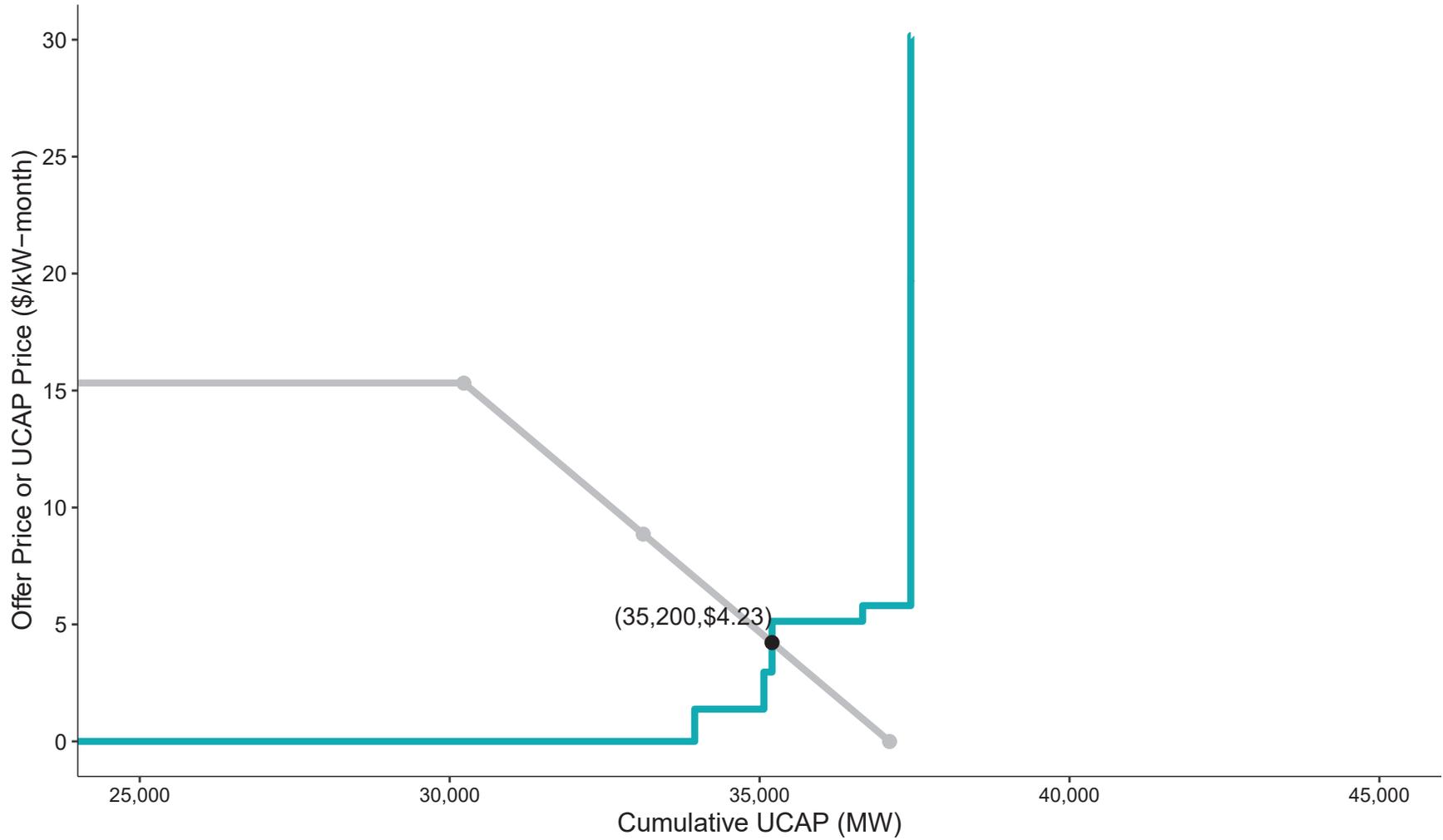
Supply and Demand Curves
Sensitivity: Baseline
Year: 2032
Capacity Locality: NYCA
Season: Summer



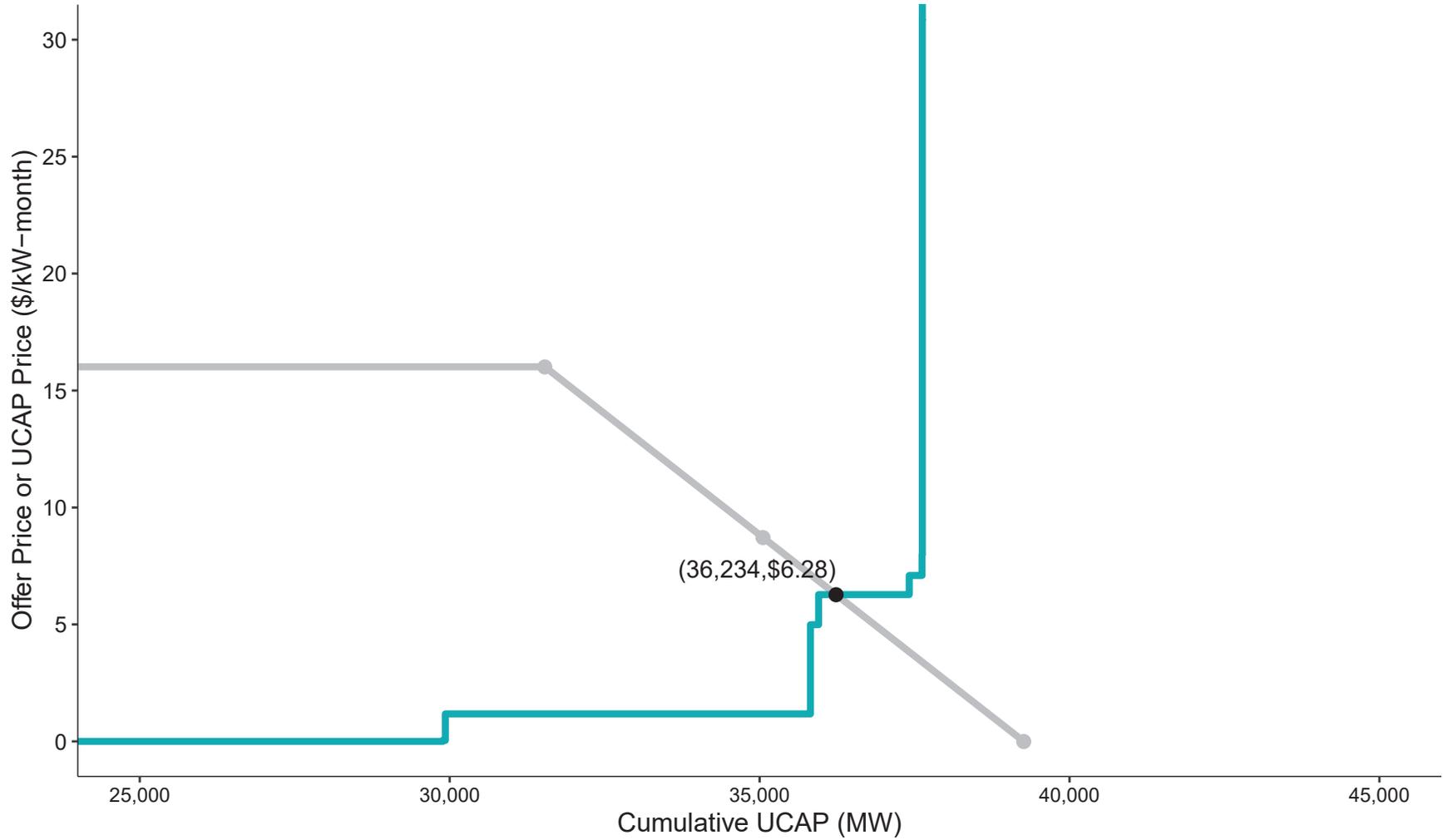
Supply and Demand Curves
Sensitivity: Baseline
Year: 2022
Capacity Locality: NYCA
Season: Winter



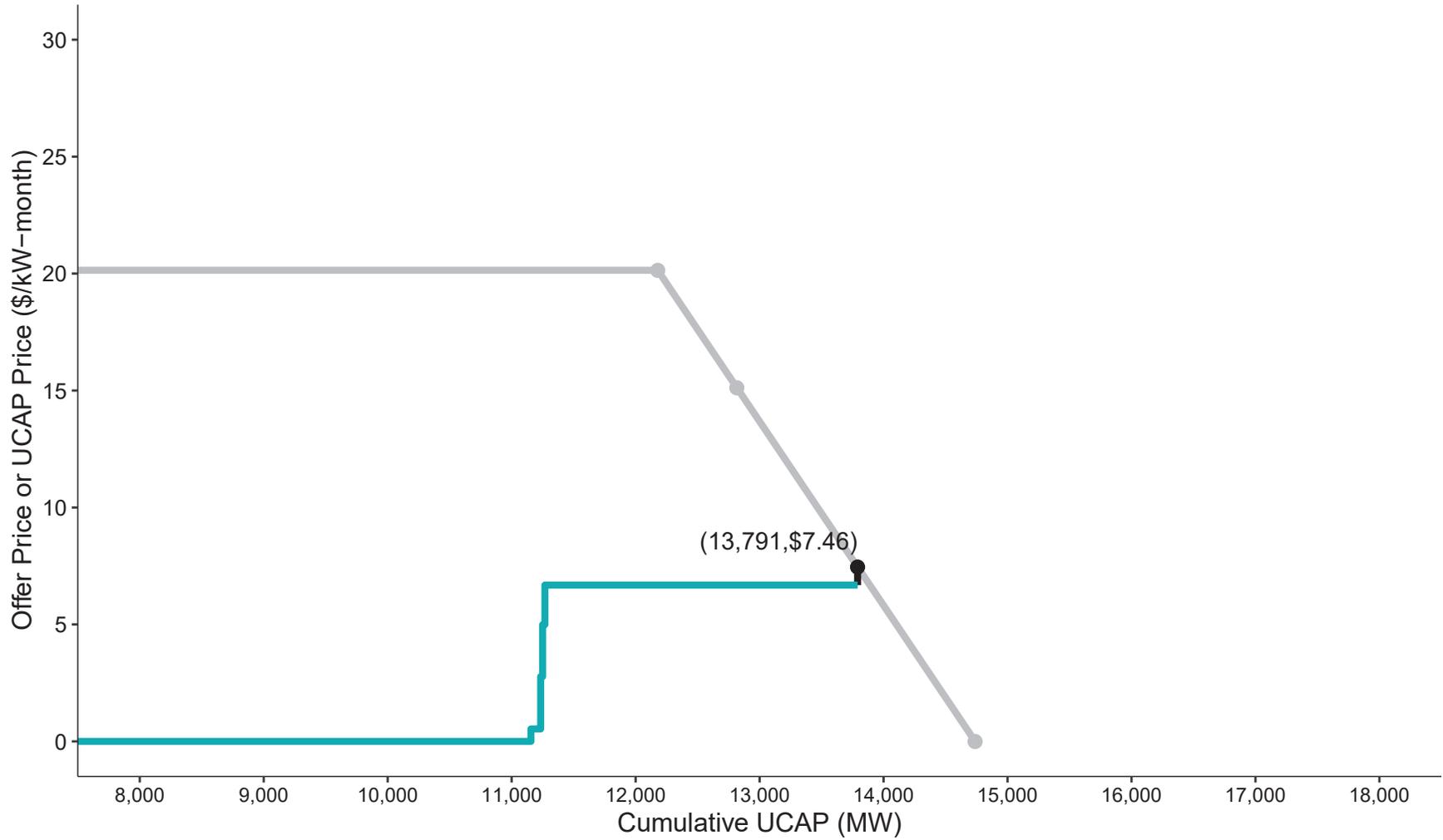
Supply and Demand Curves
Sensitivity: Baseline
Year: 2026
Capacity Locality: NYCA
Season: Winter



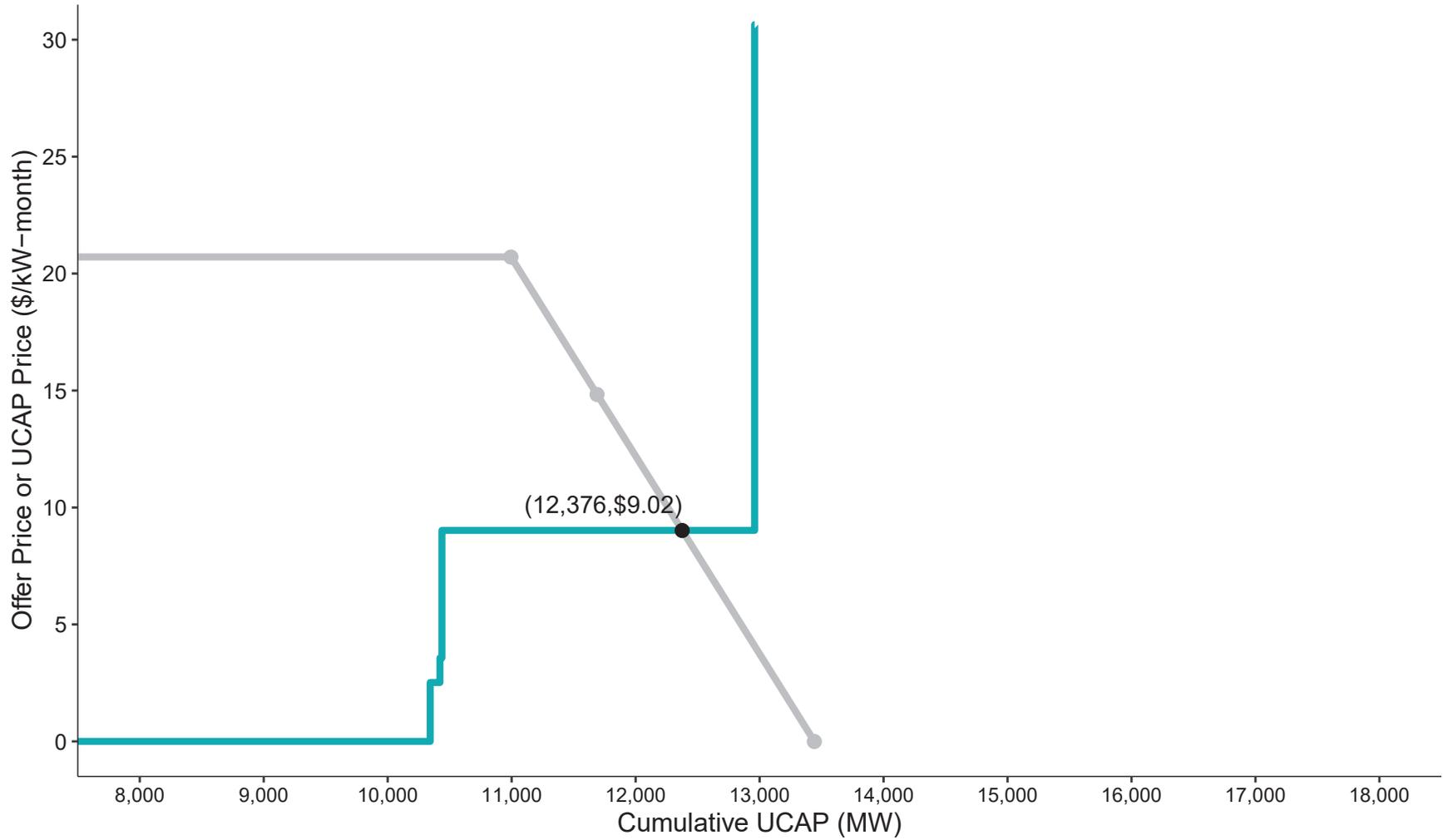
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Sensitivity: Baseline
Year: 2032
Capacity Locality: NYCA
Season: Winter



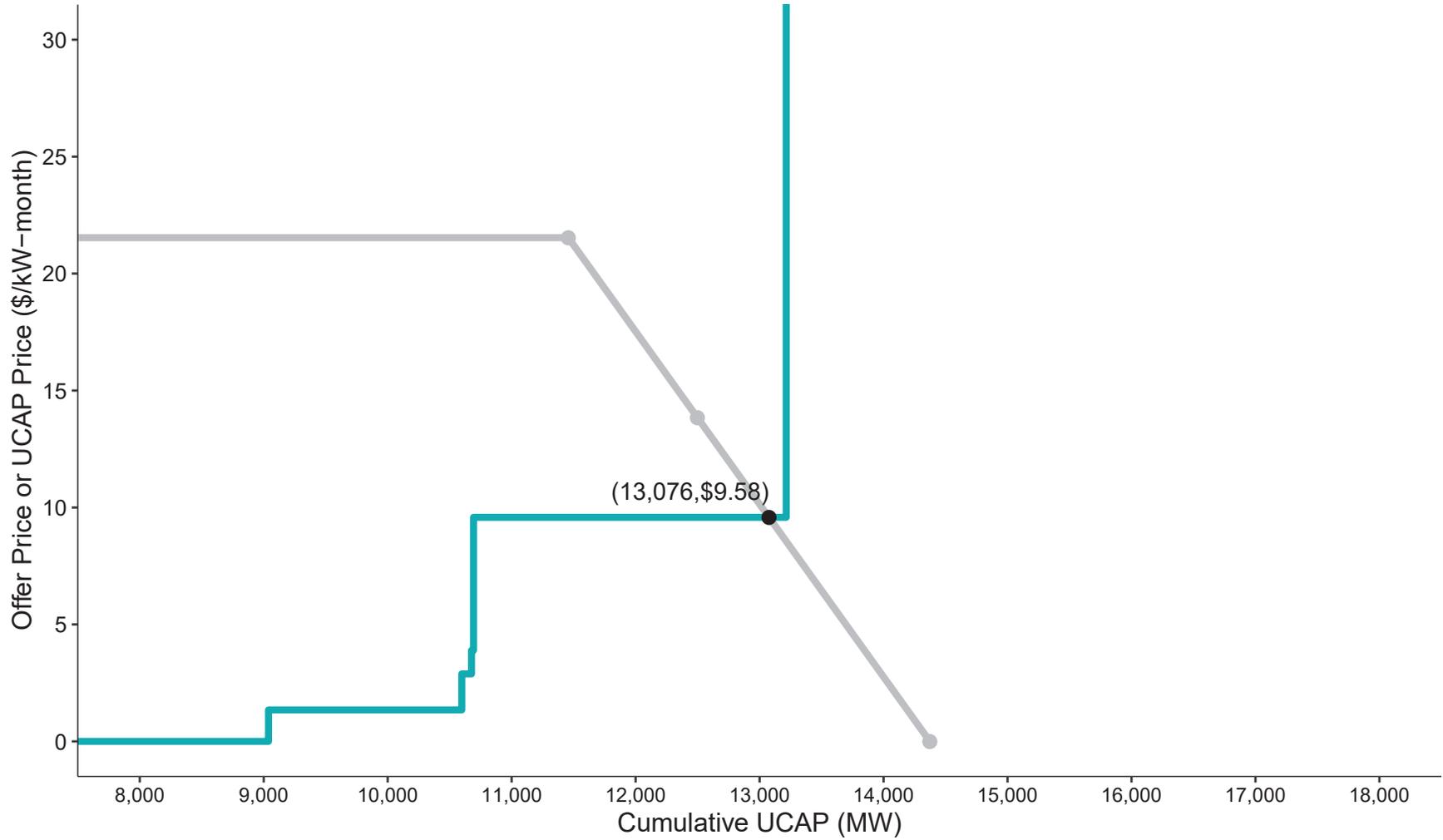
Supply and Demand Curves
Sensitivity: Baseline
Year: 2022
Capacity Locality: GJ
Season: Summer



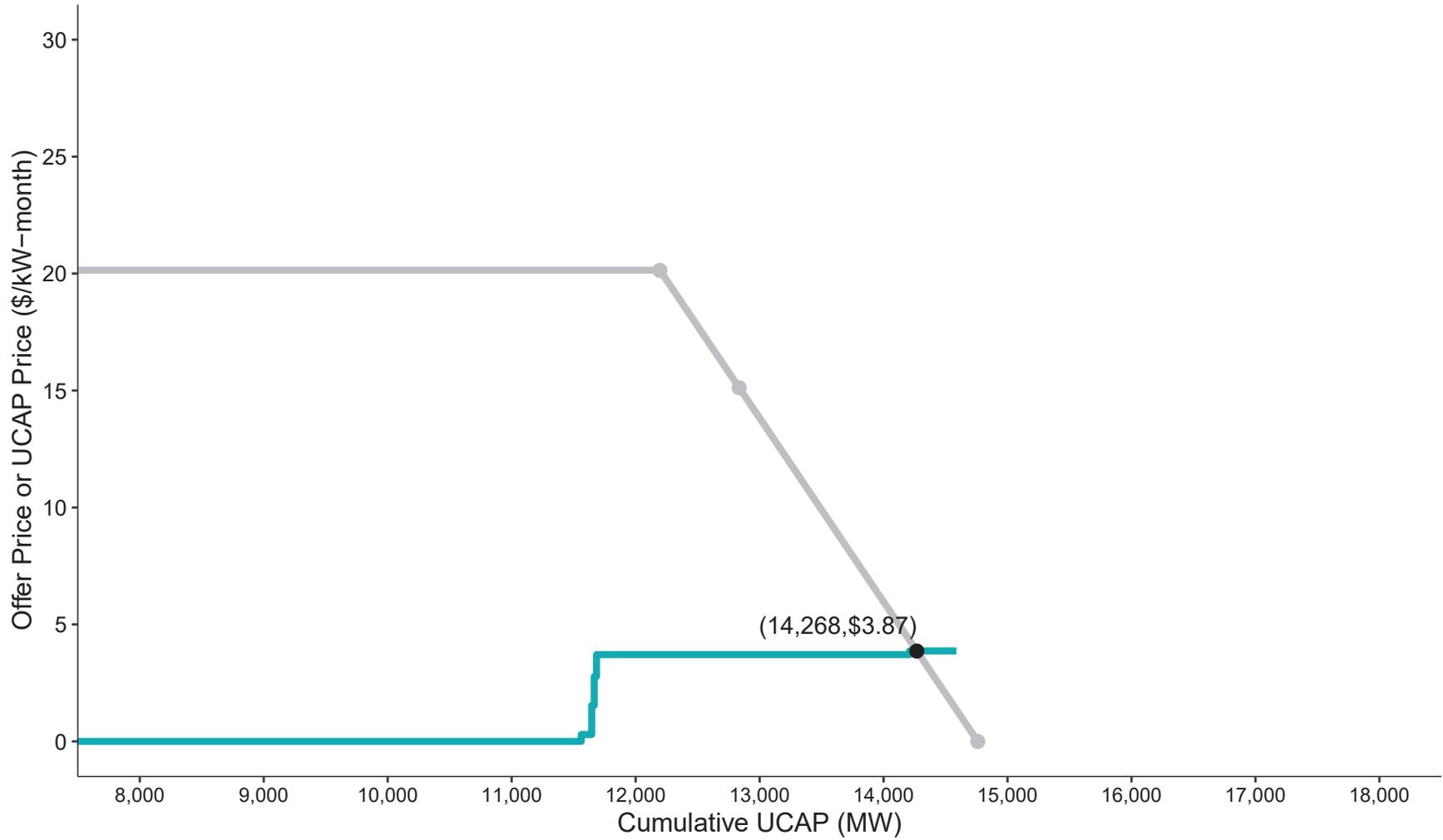
Supply and Demand Curves
Sensitivity: Baseline
Year: 2026
Capacity Locality: GJ
Season: Summer



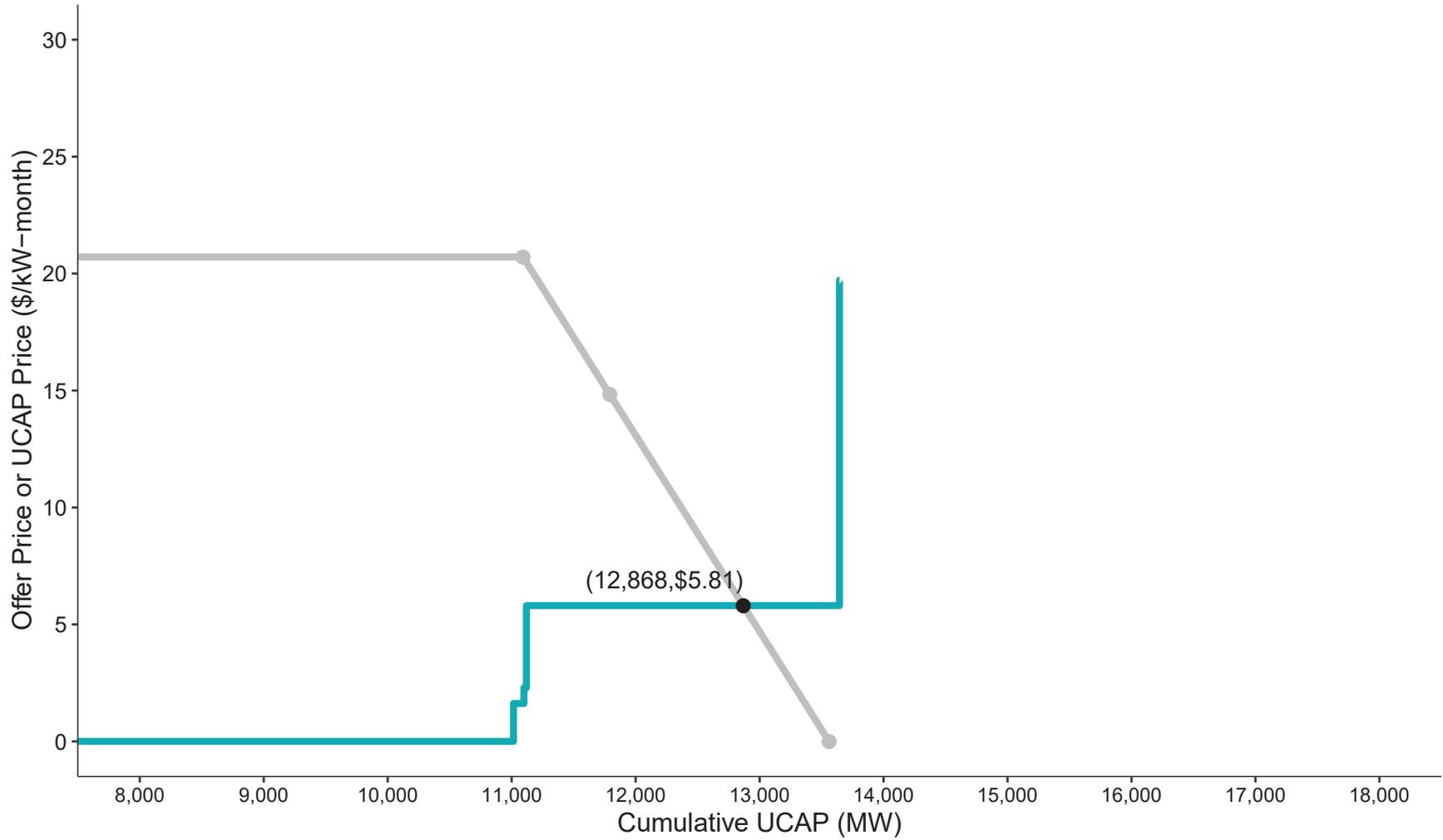
Supply and Demand Curves
Sensitivity: Baseline
Year: 2032
Capacity Locality: GJ
Season: Summer



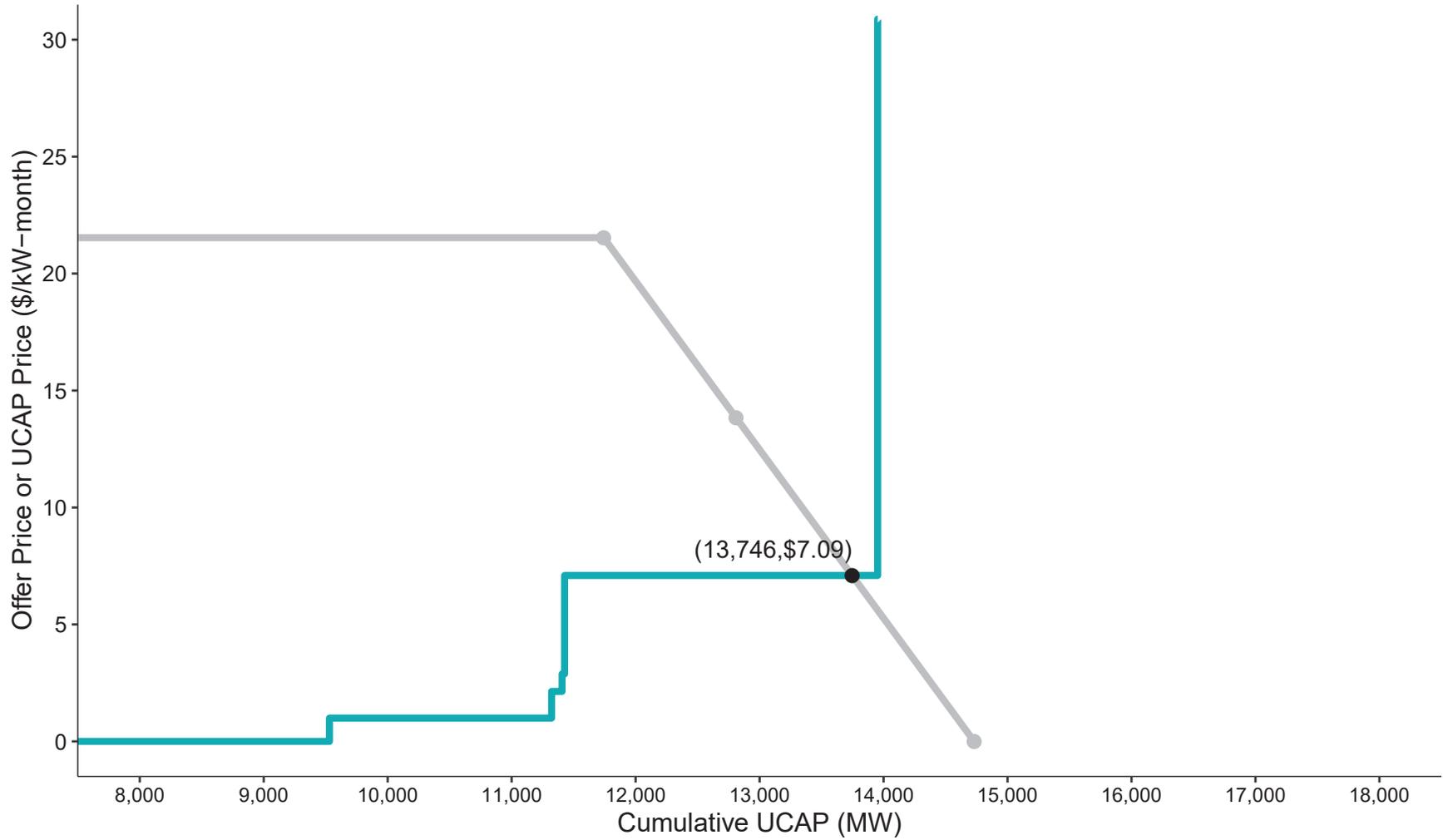
Supply and Demand Curves
Sensitivity: Baseline
Year: 2022
Capacity Locality: GJ
Season: Winter



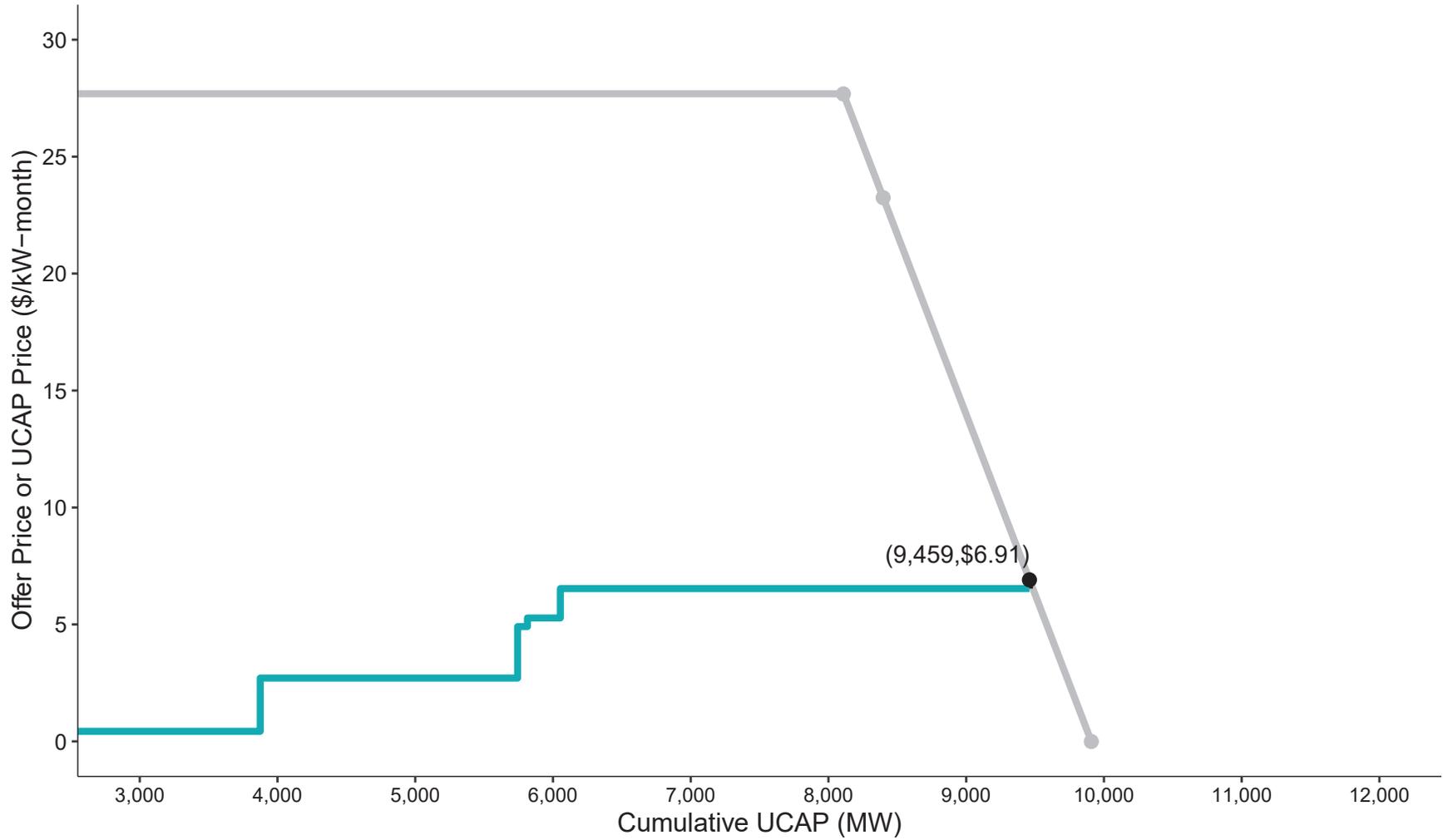
Supply and Demand Curves
Sensitivity: Baseline
Year: 2026
Capacity Locality: GJ
Season: Winter



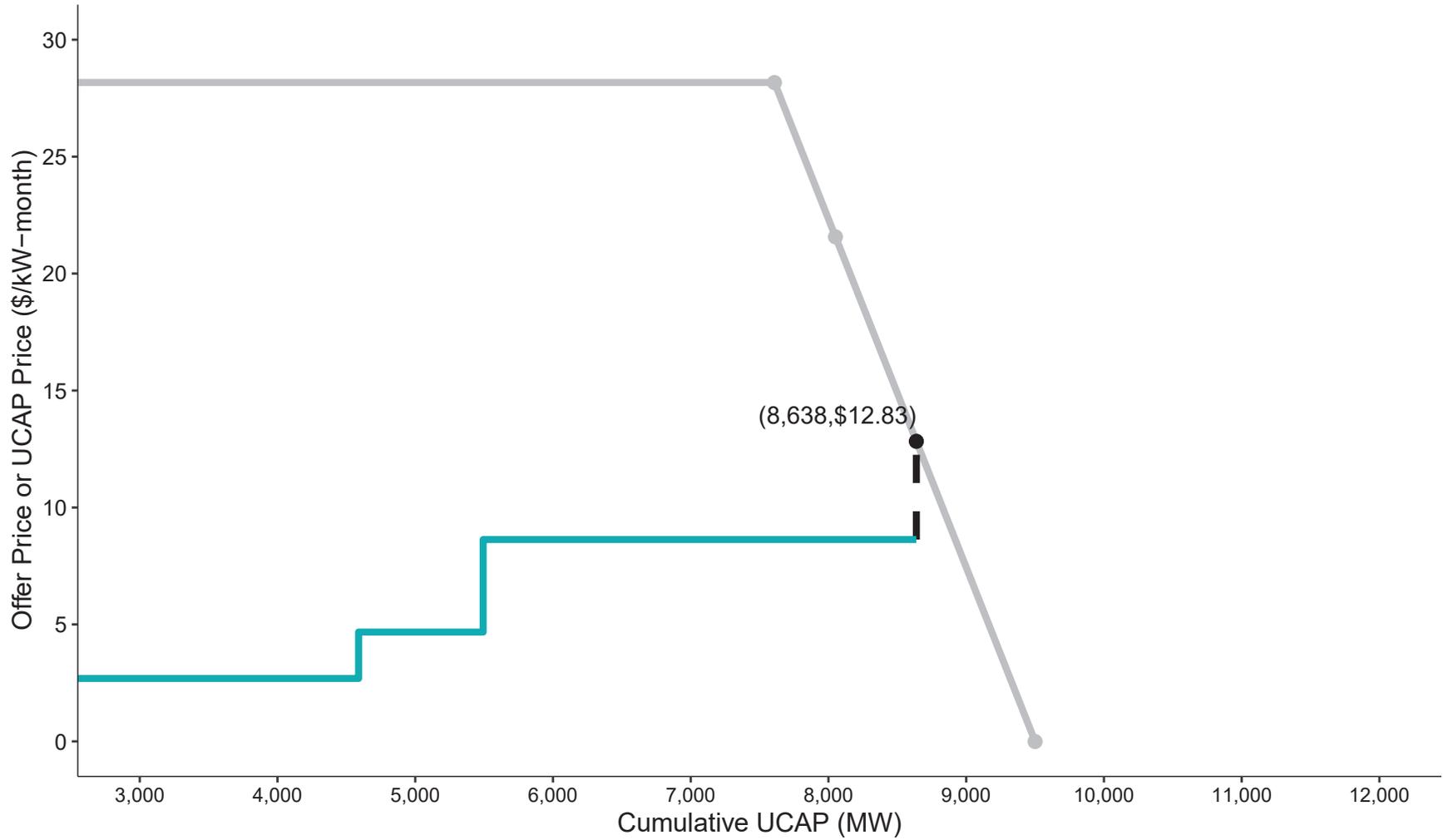
Supply and Demand Curves
Sensitivity: Baseline
Year: 2032
Capacity Locality: GJ
Season: Winter



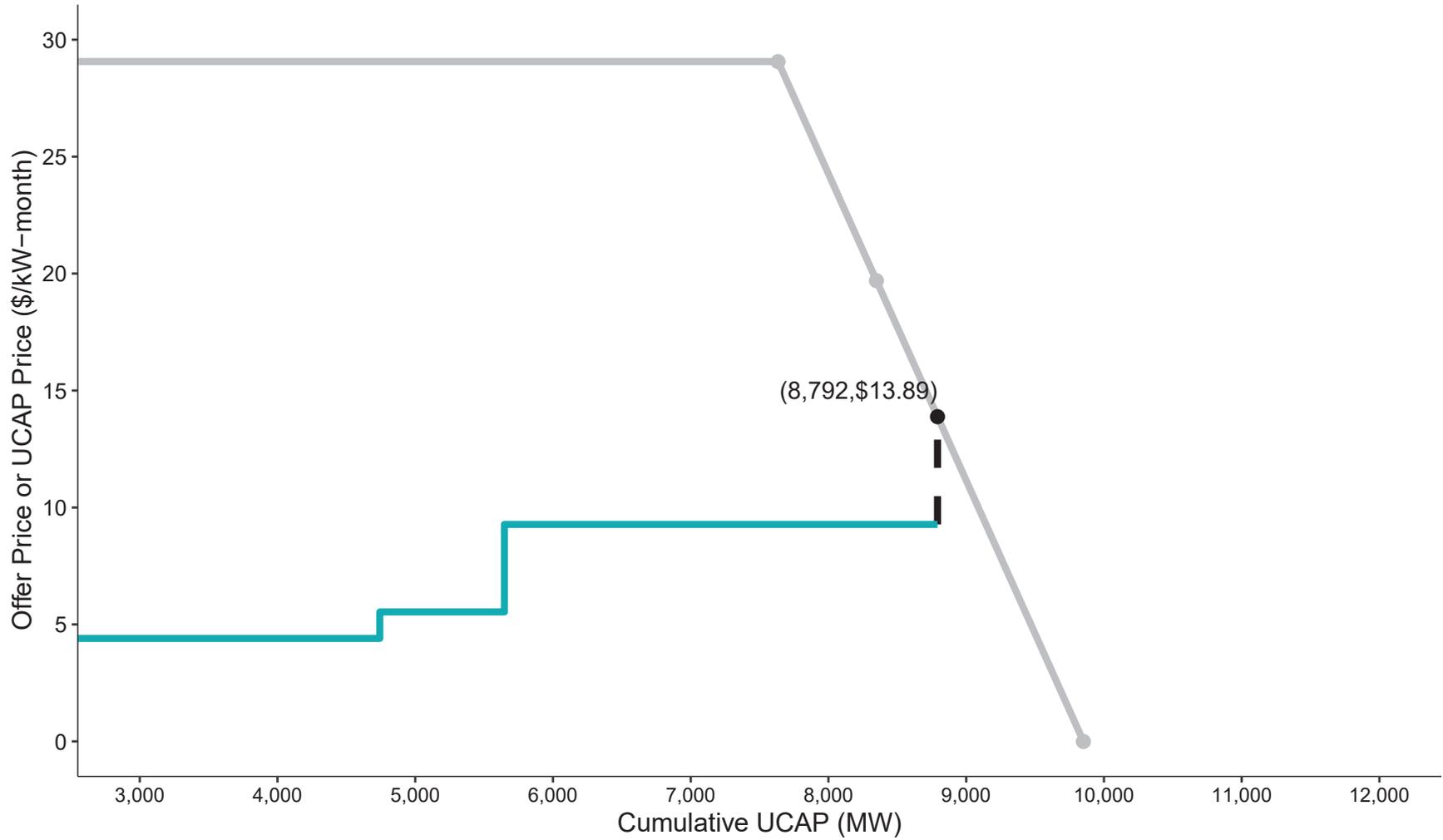
Supply and Demand Curves
Sensitivity: Baseline
Year: 2022
Capacity Locality: J
Season: Summer



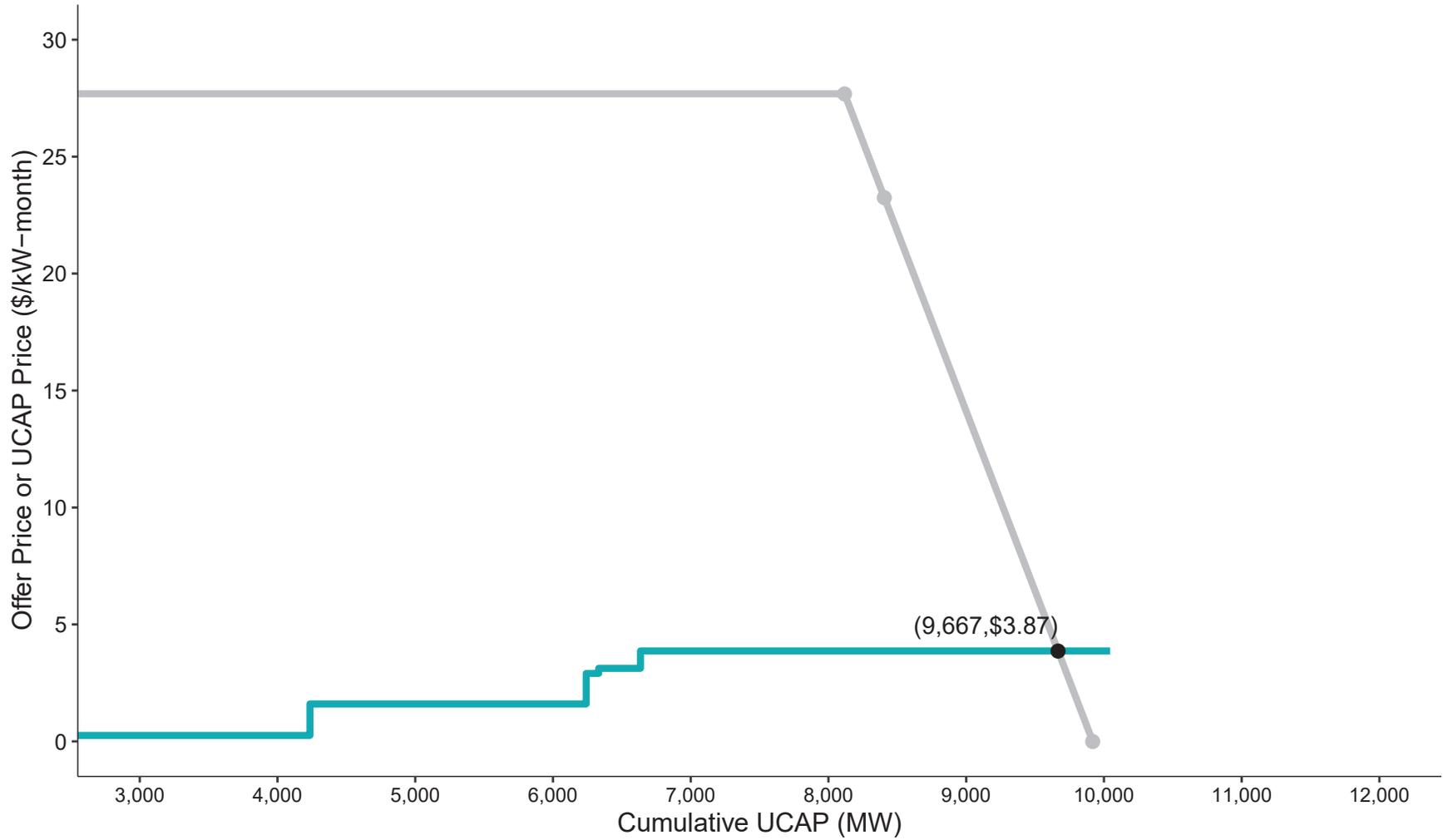
Supply and Demand Curves
Sensitivity: Baseline
Year: 2026
Capacity Locality: J
Season: Summer



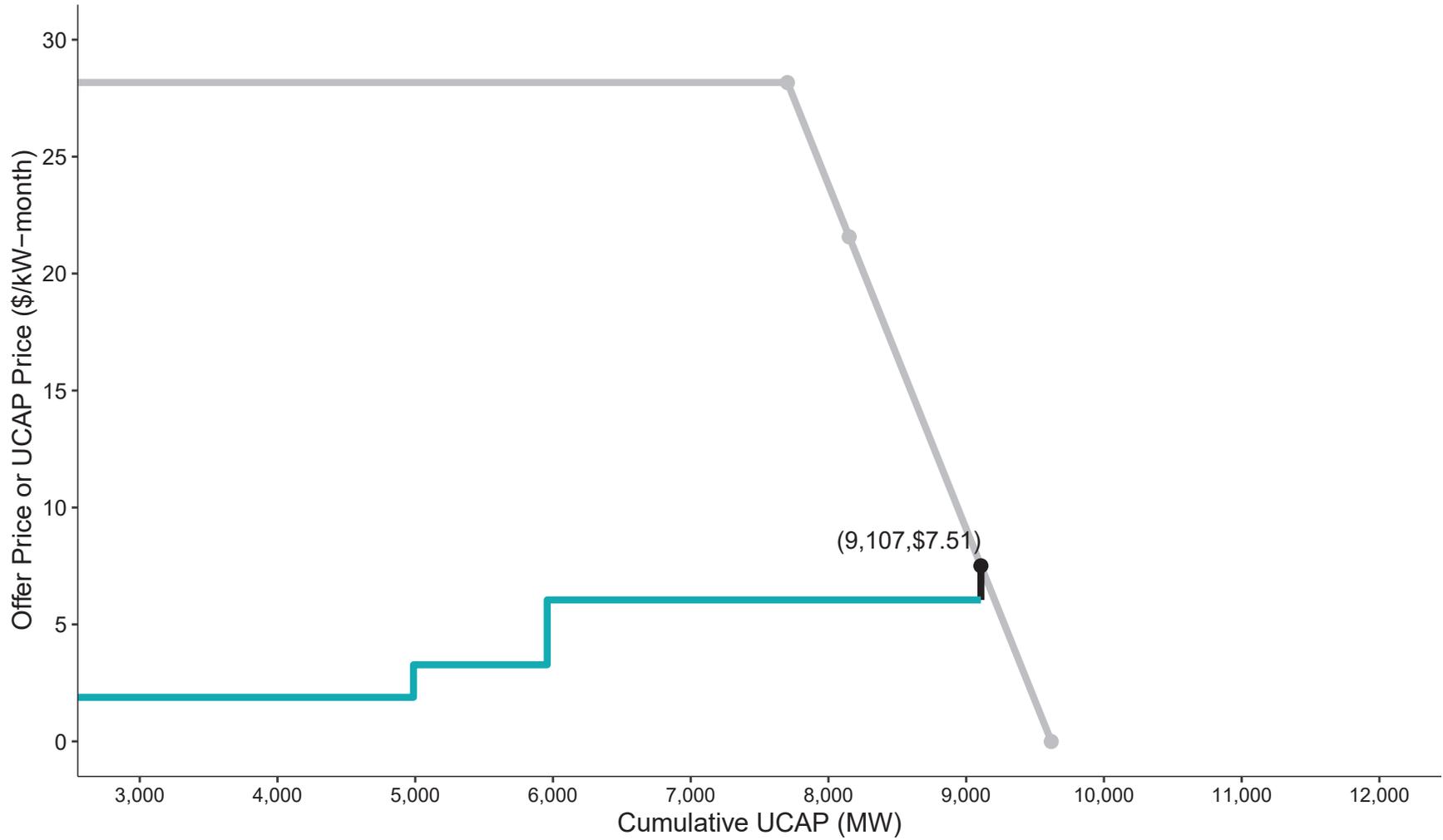
Supply and Demand Curves
Sensitivity: Baseline
Year: 2032
Capacity Locality: J
Season: Summer



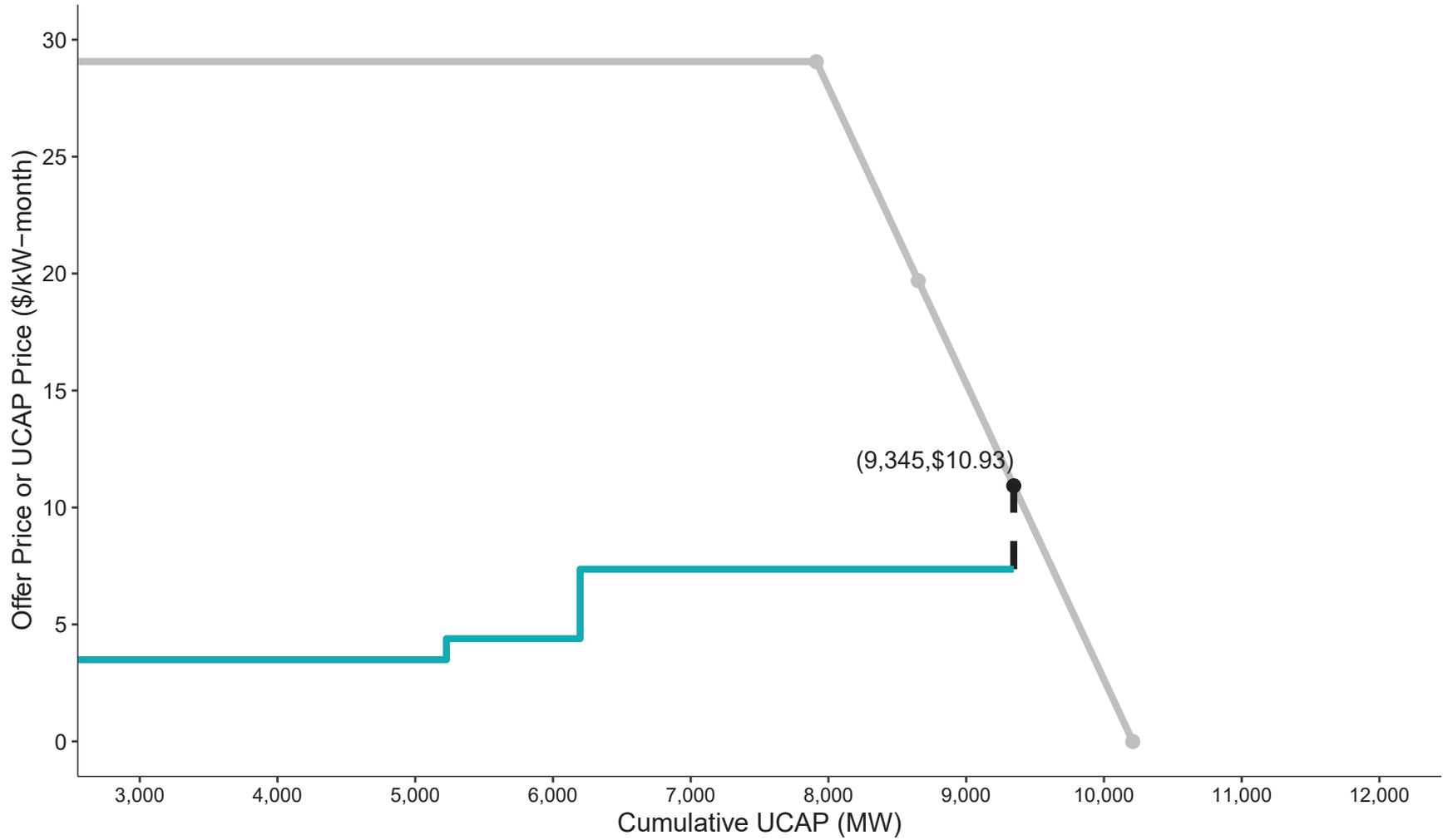
Supply and Demand Curves
Sensitivity: Baseline
Year: 2022
Capacity Locality: J
Season: Winter



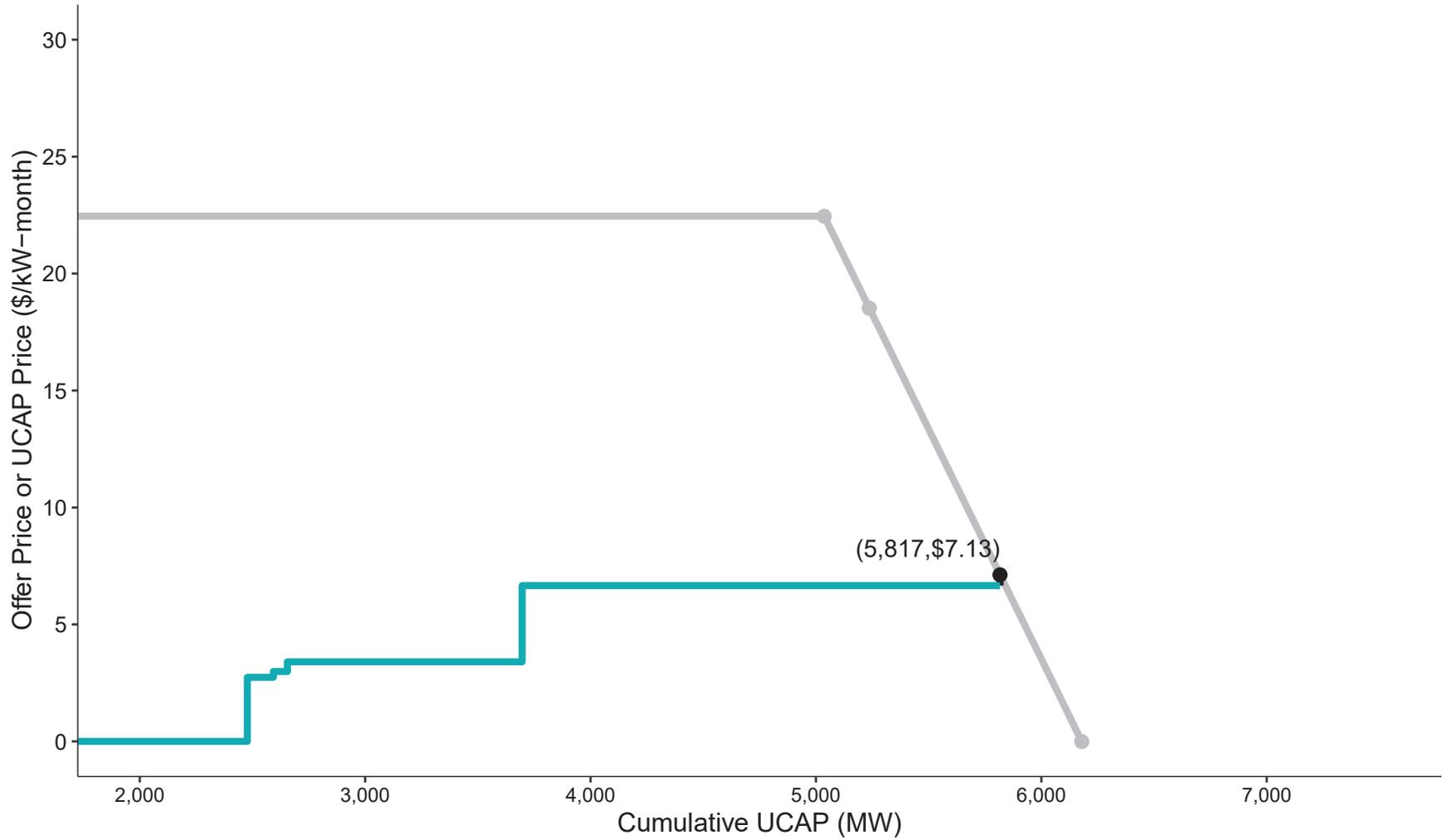
Supply and Demand Curves
Sensitivity: Baseline
Year: 2026
Capacity Locality: J
Season: Winter



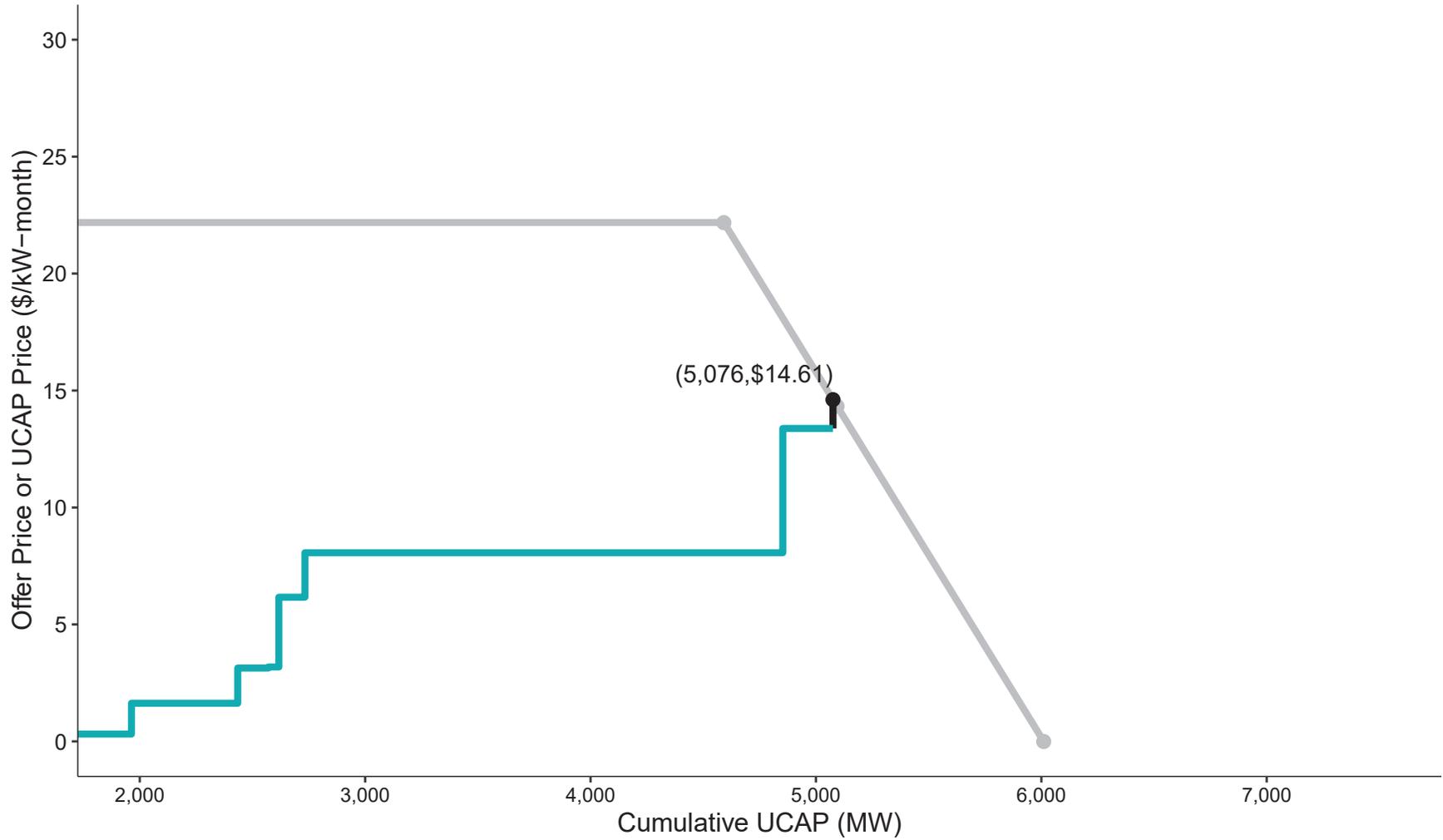
Supply and Demand Curves
Sensitivity: Baseline
Year: 2032
Capacity Locality: J
Season: Winter



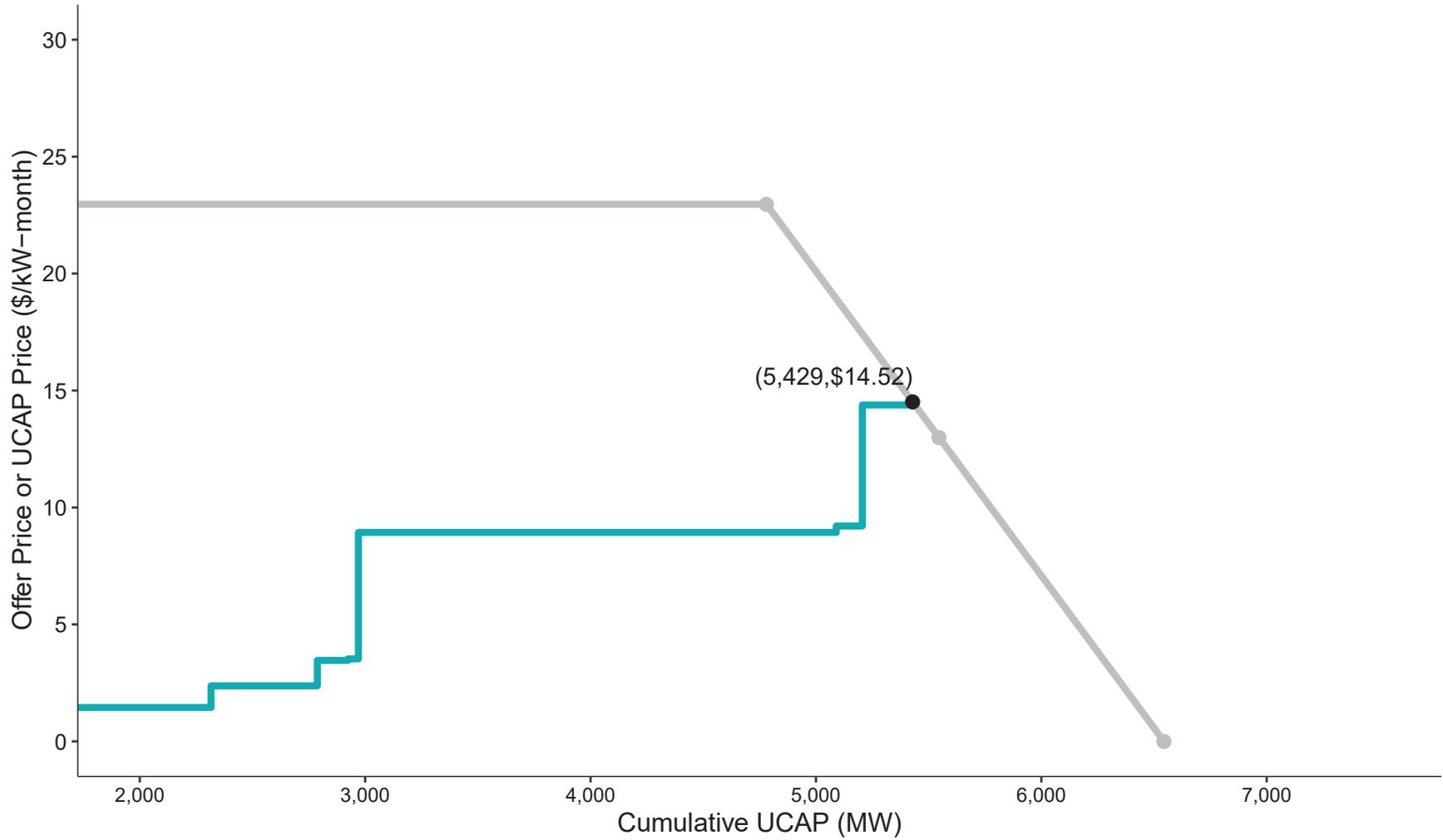
Supply and Demand Curves
Sensitivity: Baseline
Year: 2022
Capacity Locality: K
Season: Summer



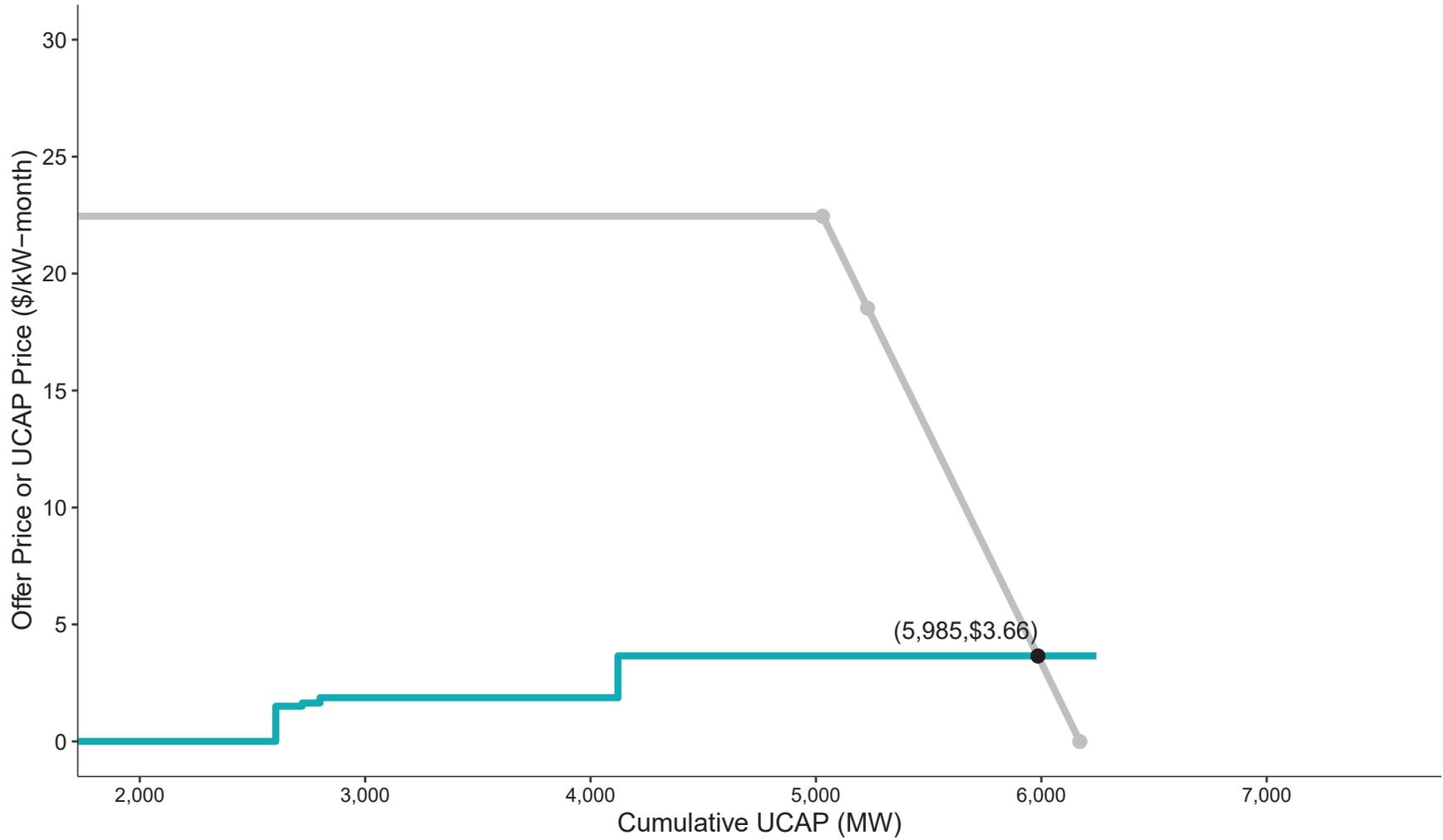
Supply and Demand Curves
Sensitivity: Baseline
Year: 2026
Capacity Locality: K
Season: Summer



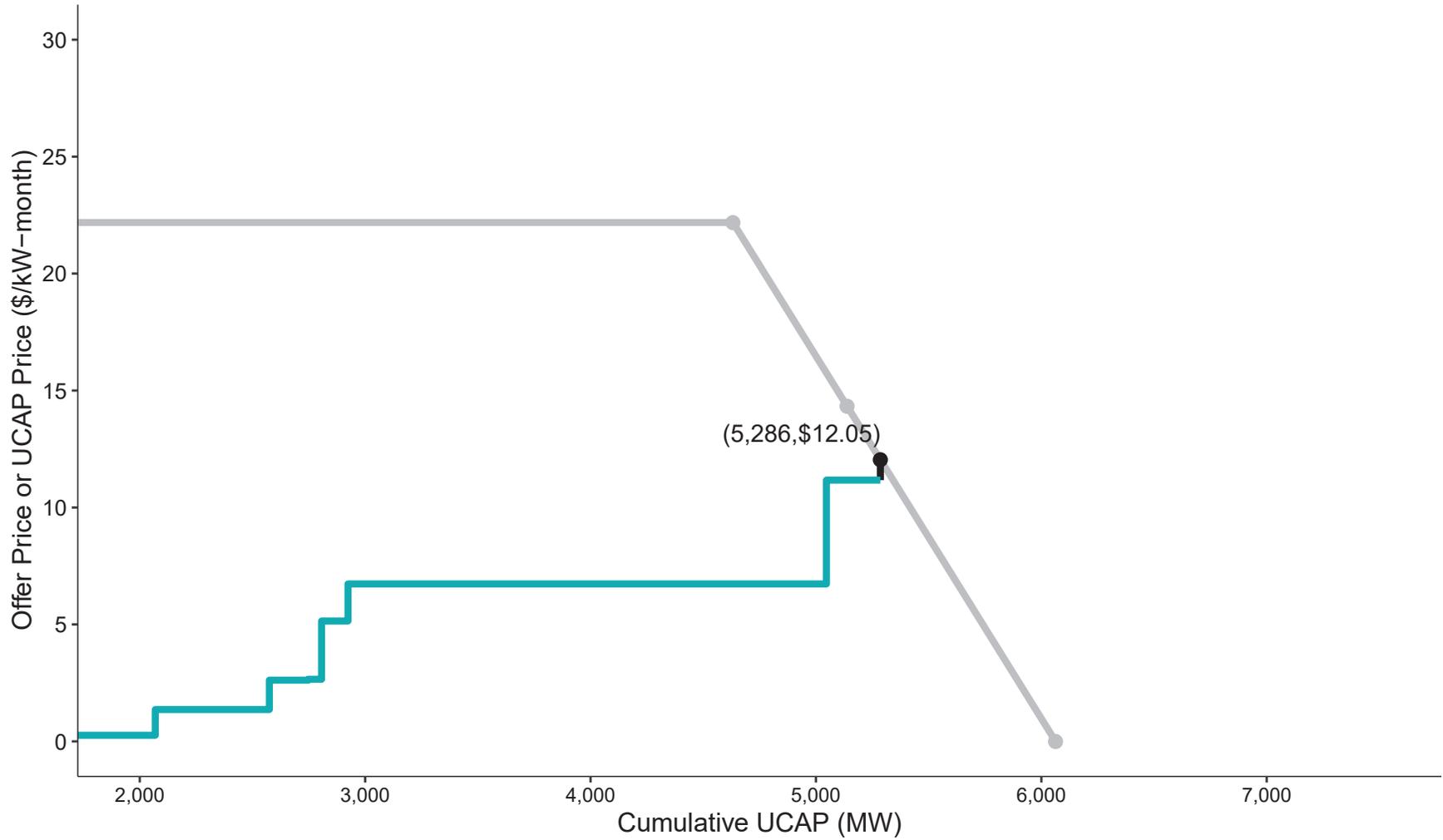
Supply and Demand Curves
Sensitivity: Baseline
Year: 2032
Capacity Locality: K
Season: Summer



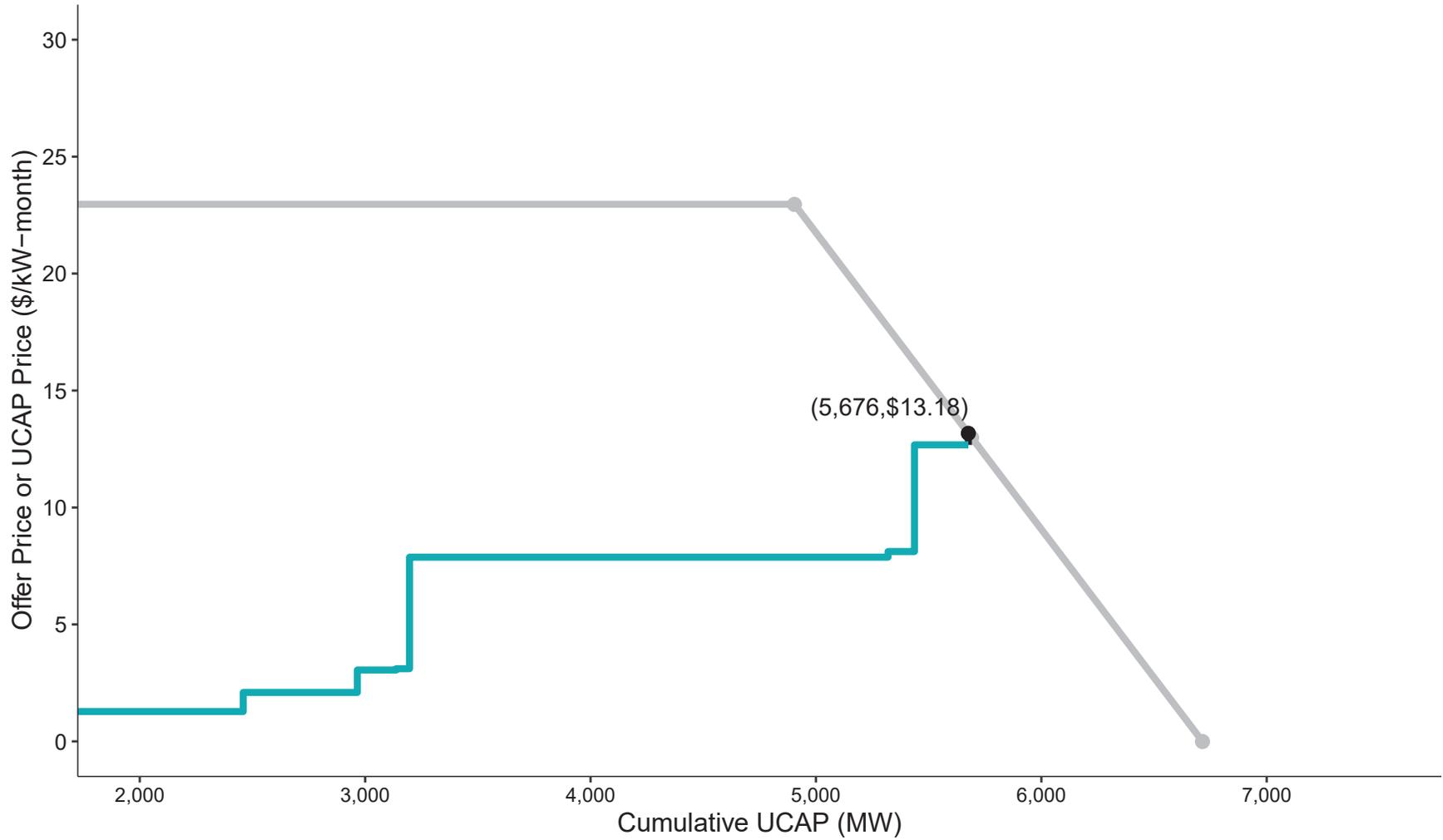
Supply and Demand Curves
Sensitivity: Baseline
Year: 2022
Capacity Locality: K
Season: Winter



Supply and Demand Curves
Sensitivity: Baseline
Year: 2026
Capacity Locality: K
Season: Winter



Supply and Demand Curves
Sensitivity: Baseline
Year: 2032
Capacity Locality: K
Season: Winter



Supply Inputs
Sensitivity: TDI Transmission Addition

NYCA Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	26,315	24,322	23,481	21,833	23,485	21,836
Hydro	5,018	4,210	5,018	4,210	5,018	4,210
Nuclear	3,345	3,266	3,345	3,266	2,156	2,105
Onshore Wind	1,739	278	1,983	210	9,698	633
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Storage (2h)	592	258	2,156	816	4,264	1,266
Storage (4h)	2	2	9	7	386	229
Net Imports	973	973	973	973	973	973
SCRs	1,185	1,067	1,185	1,185	1,185	1,185
UDRs	1,042	1,042	1,042	1,042	1,042	1,042
Other Resources	2,671	2,541	2,571	2,450	3,251	3,109
TDI	0	0	1,250	1,188	1,250	1,188
Total	42,939	37,985	49,271	38,471	76,969	38,840

G-J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	14,029	12,951	12,306	11,417	12,306	11,417
Hydro	101	52	101	52	101	52
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Other Resources	19	18	75	72	339	328
TDI	0	0	1,250	1,188	1,250	1,188
Total	14,972	13,791	16,595	14,264	22,415	14,607

Supply Inputs
Sensitivity: TDI Transmission Addition

J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	9,519	8,775	7,796	7,241	7,796	7,240
Hydro	0	0	0	0	0	0
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SCRs	428	385	428	428	428	428
UDRs	299	299	299	299	299	299
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Total	10,247	9,459	11,868	9,921	16,662	10,147

K Summer Capacity by Unit Type (MW)	2022		2026		2032	
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Demand Inputs
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UCAP Reference Point Price (\$/kW-mo)	Summer			Winter		
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G-J Locality	85.7%	79.2%	76.8%	85.9%	79.9%	78.7%
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NYC (J)	84.4%	93.6%	127.5%	84.4%	93.6%	127.5%
LI (K)	113.8%	121.7%	161.6%	113.8%	121.7%	161.6%

Outputs
Sensitivity: TDI Transmission Addition

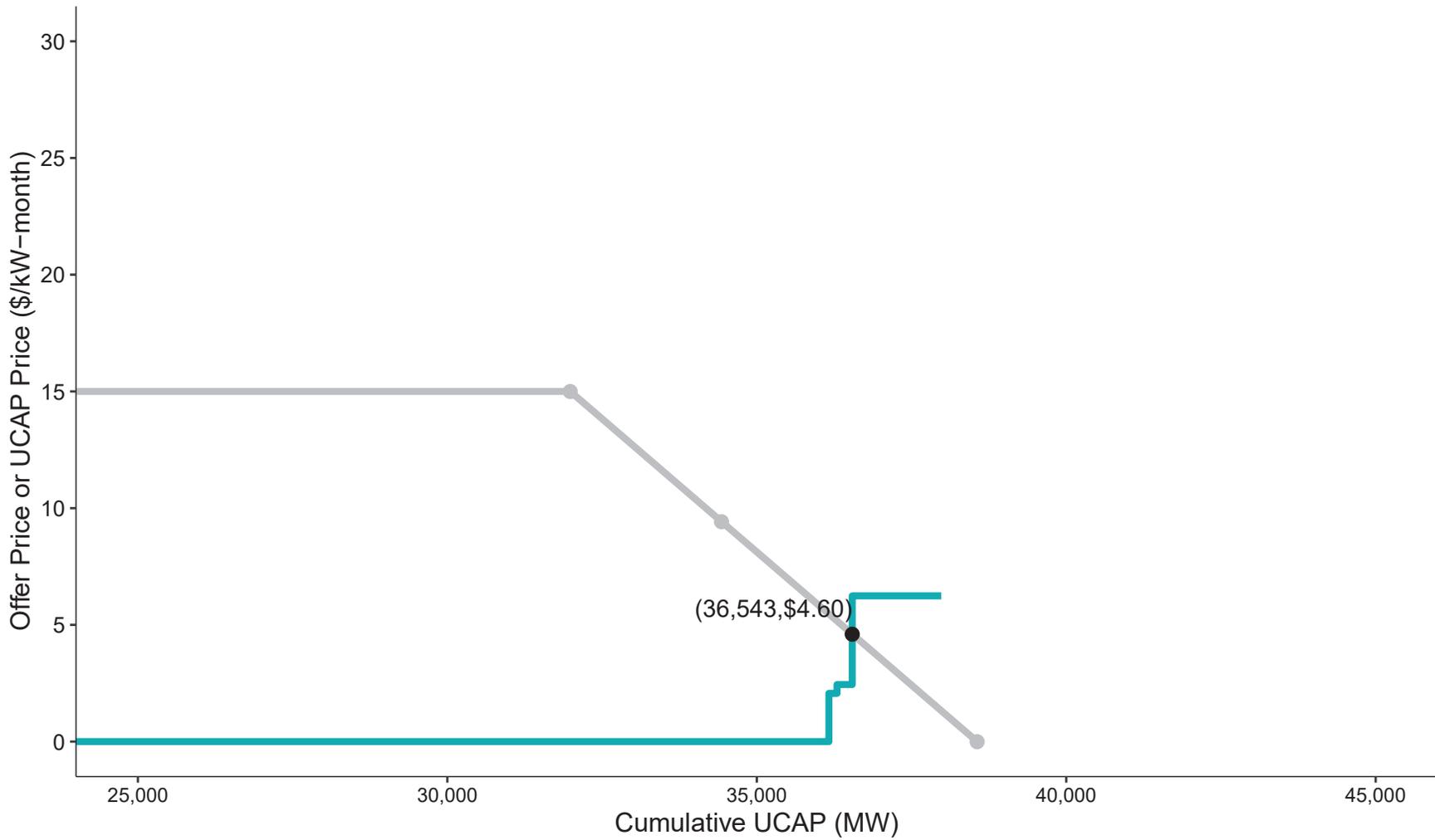
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LI (K)	\$7.13	\$14.61	\$14.52	\$3.66	\$12.05	\$13.18

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NYC (J)	9,459	8,920	9,143	9,667	9,207	9,628
LI (K)	5,817	5,076	5,429	5,985	5,286	5,676

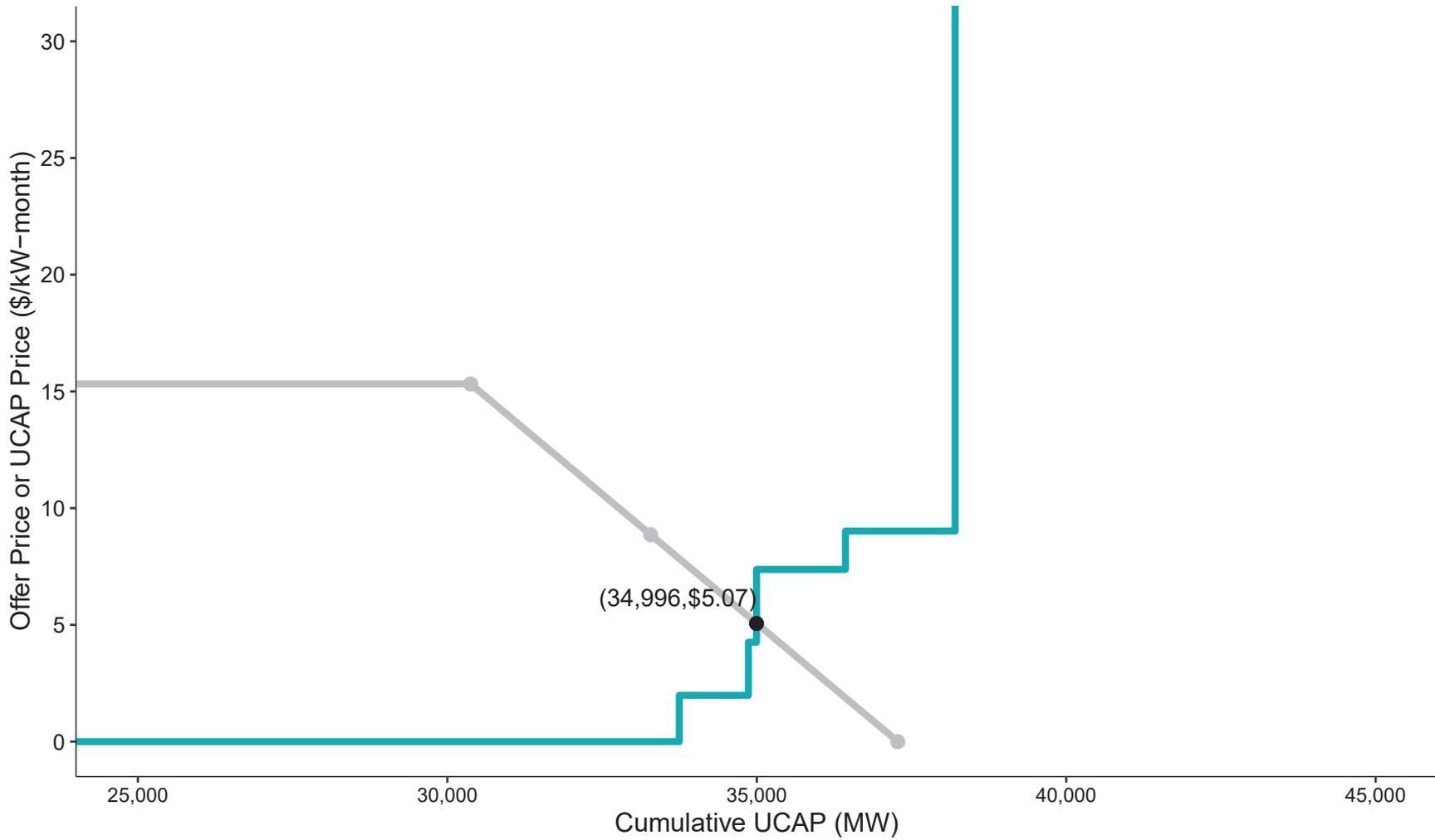
Note:

[1] Supply and Demand Curves show “unadjusted” clearing prices. The final clearing price in each capacity locality is the highest price for which capacity segments in that locality are eligible.

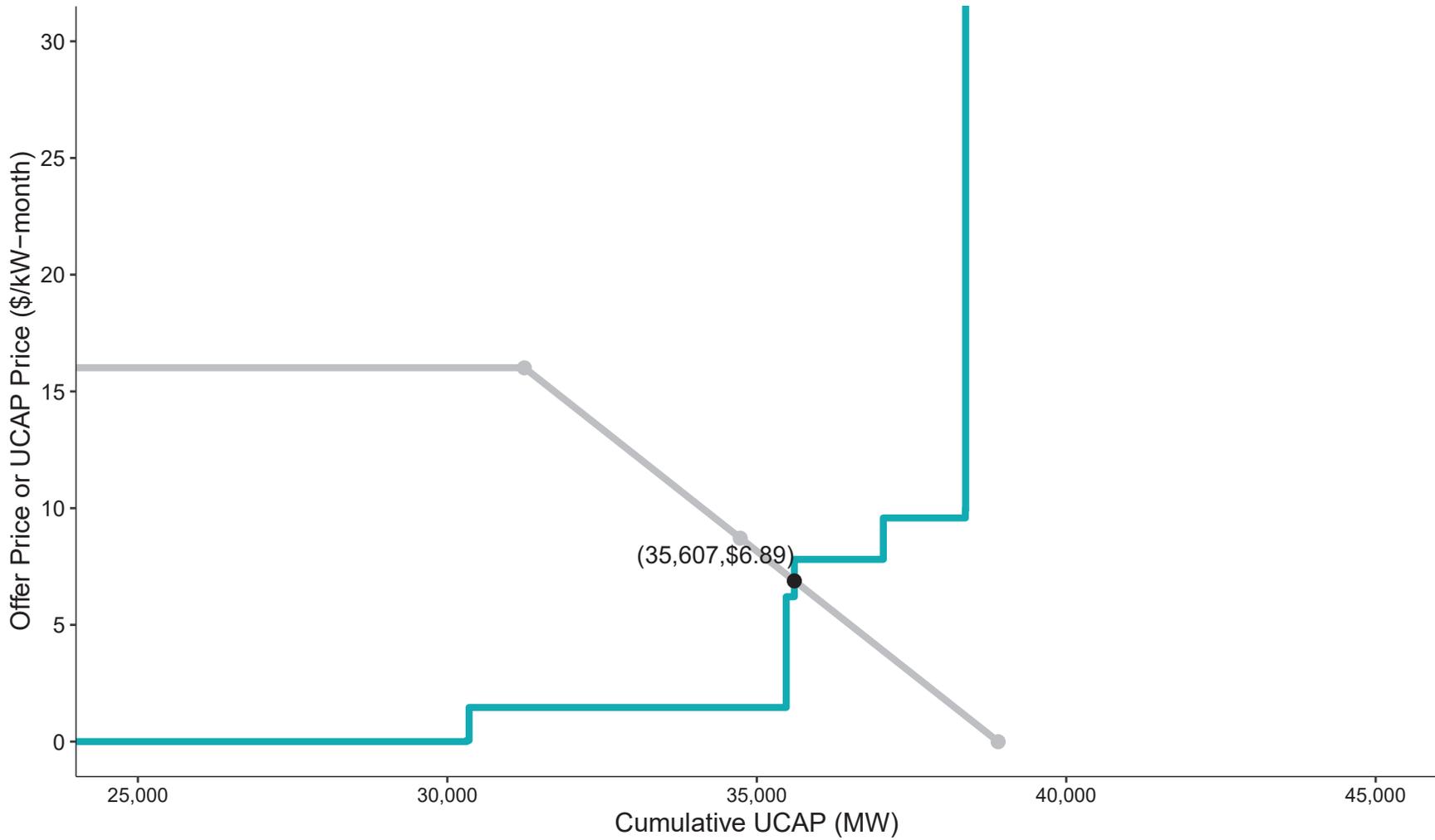
Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2022
Capacity Locality: NYCA
Season: Summer



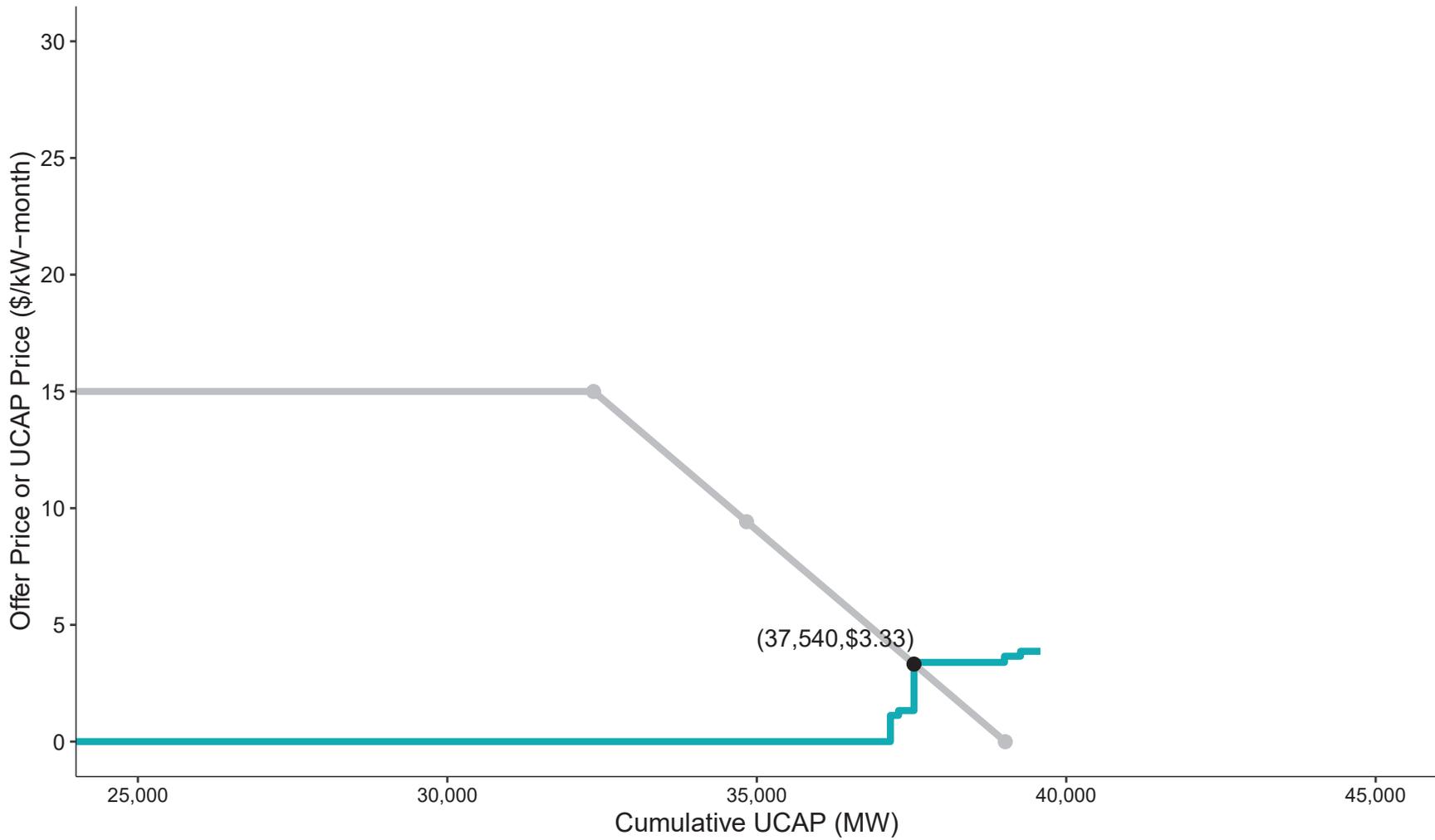
Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2026
Capacity Locality: NYCA
Season: Summer



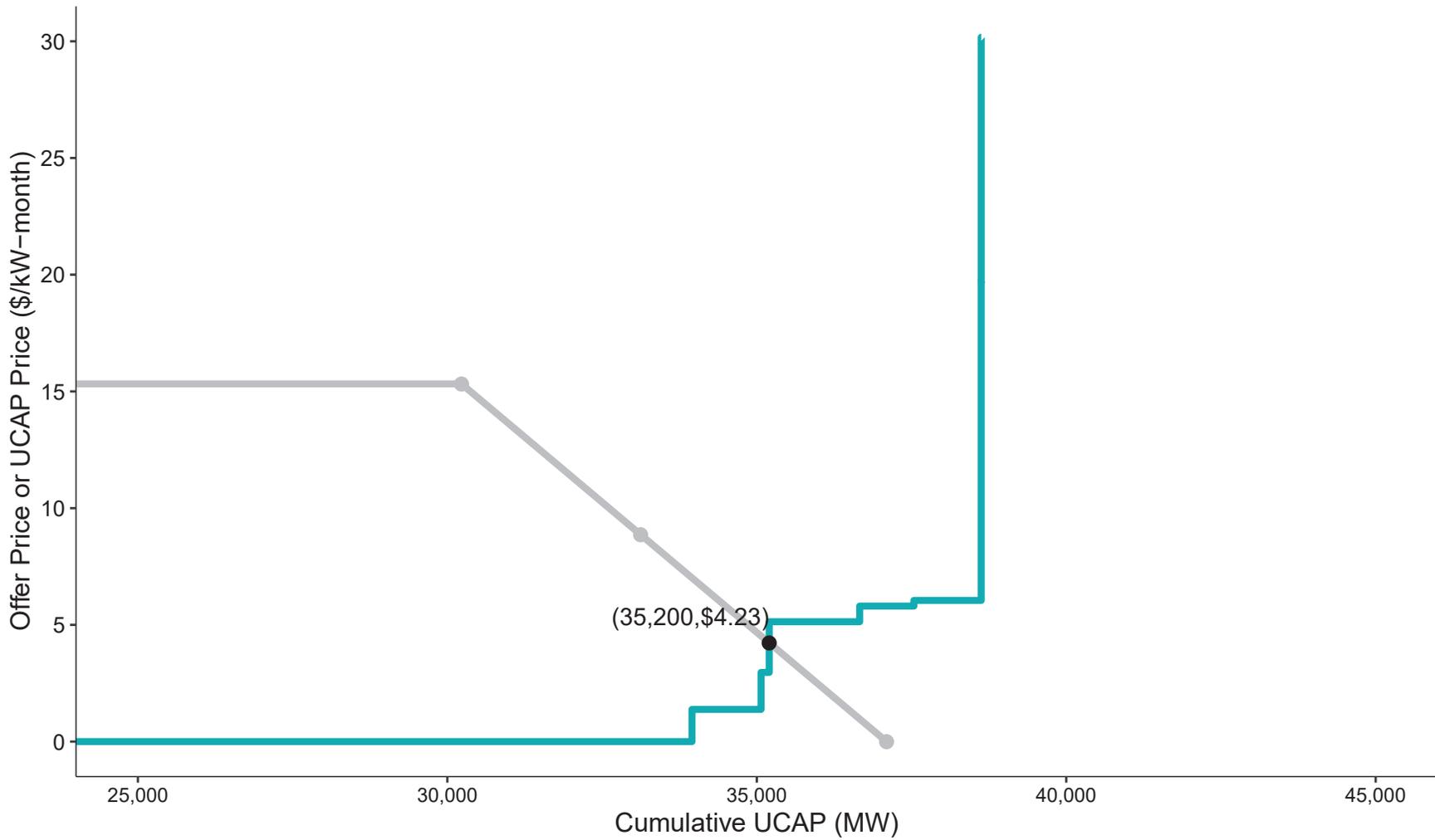
Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2032
Capacity Locality: NYCA
Season: Summer



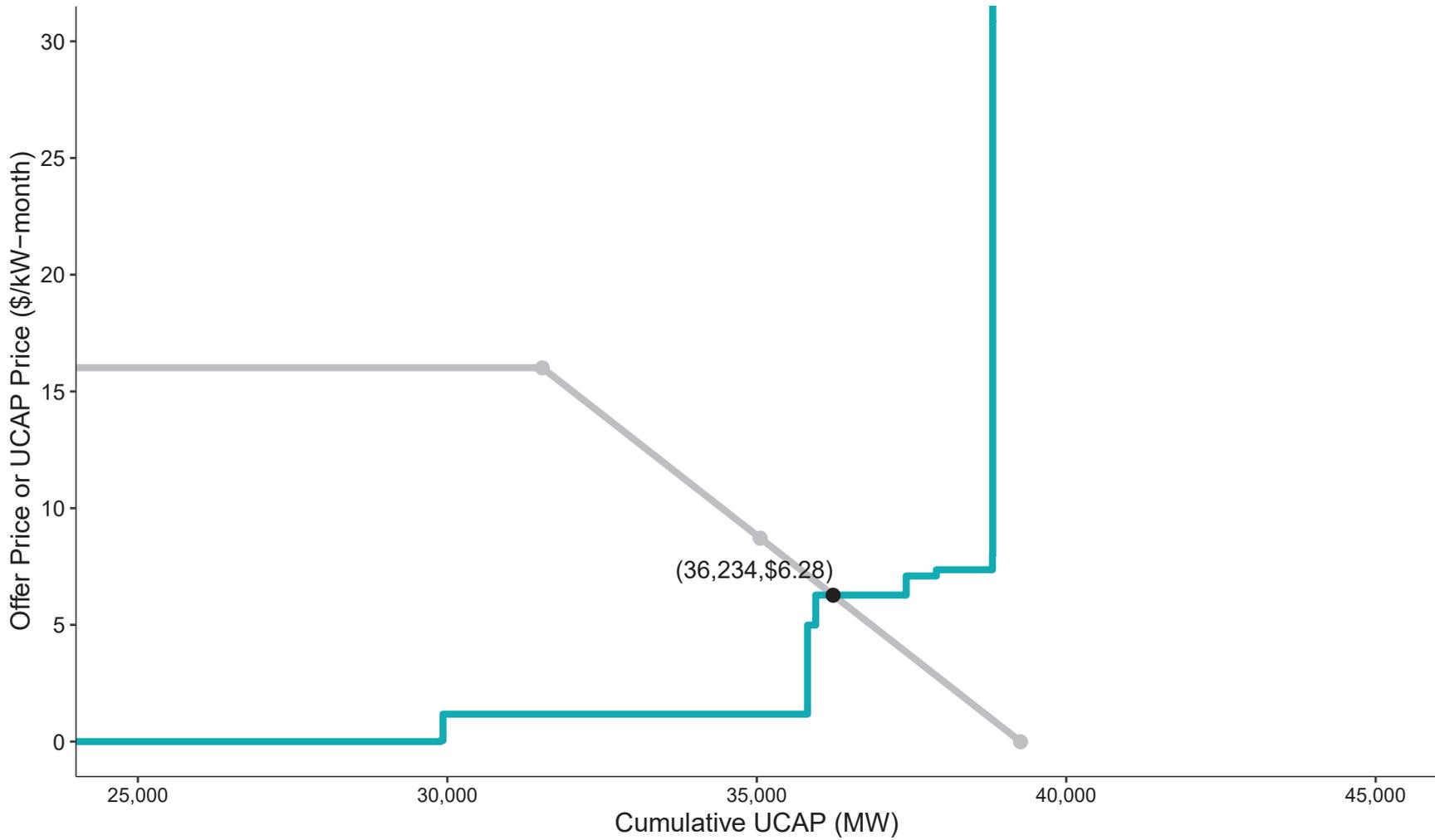
Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2022
Capacity Locality: NYCA
Season: Winter



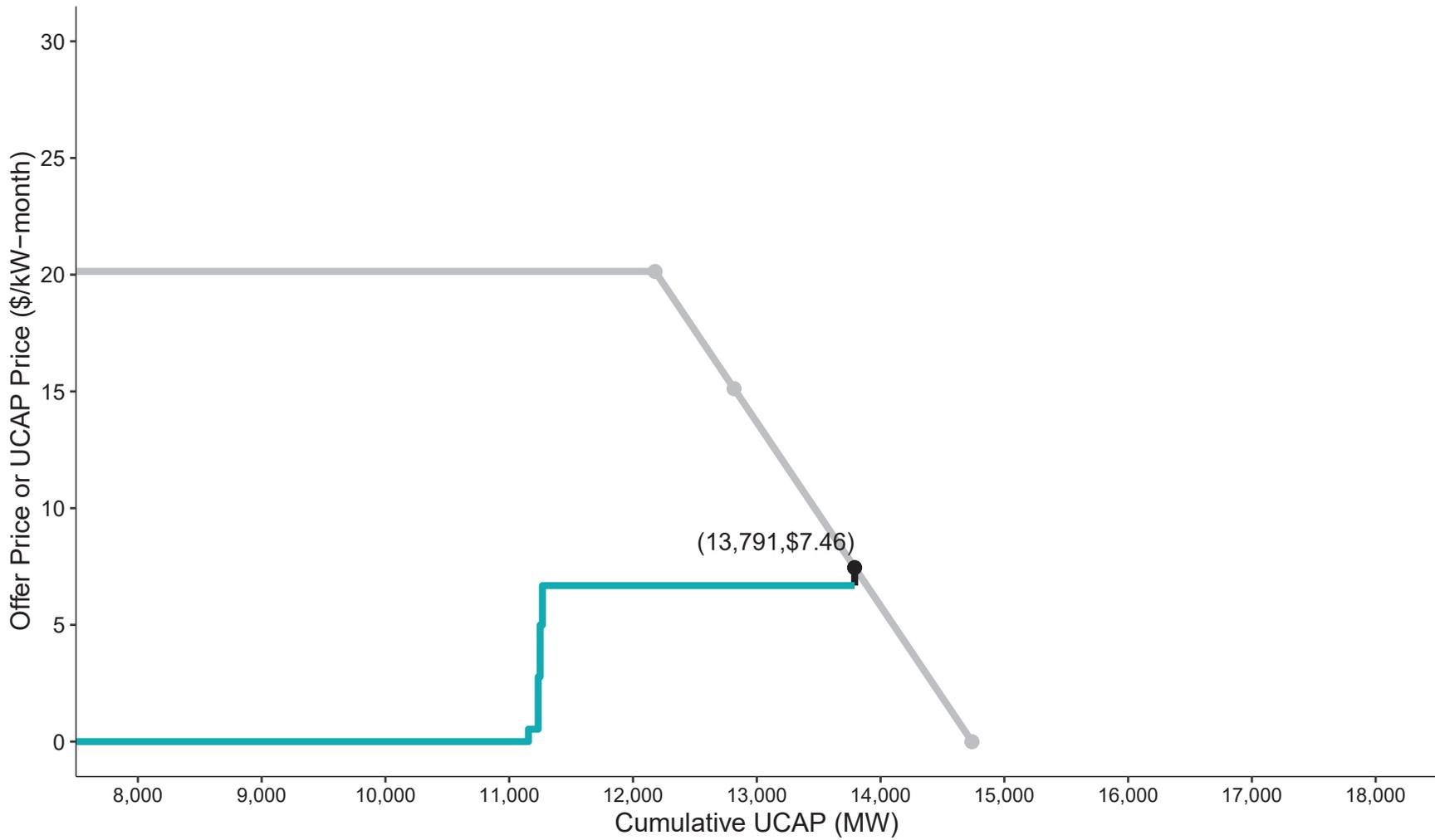
Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2026
Capacity Locality: NYCA
Season: Winter



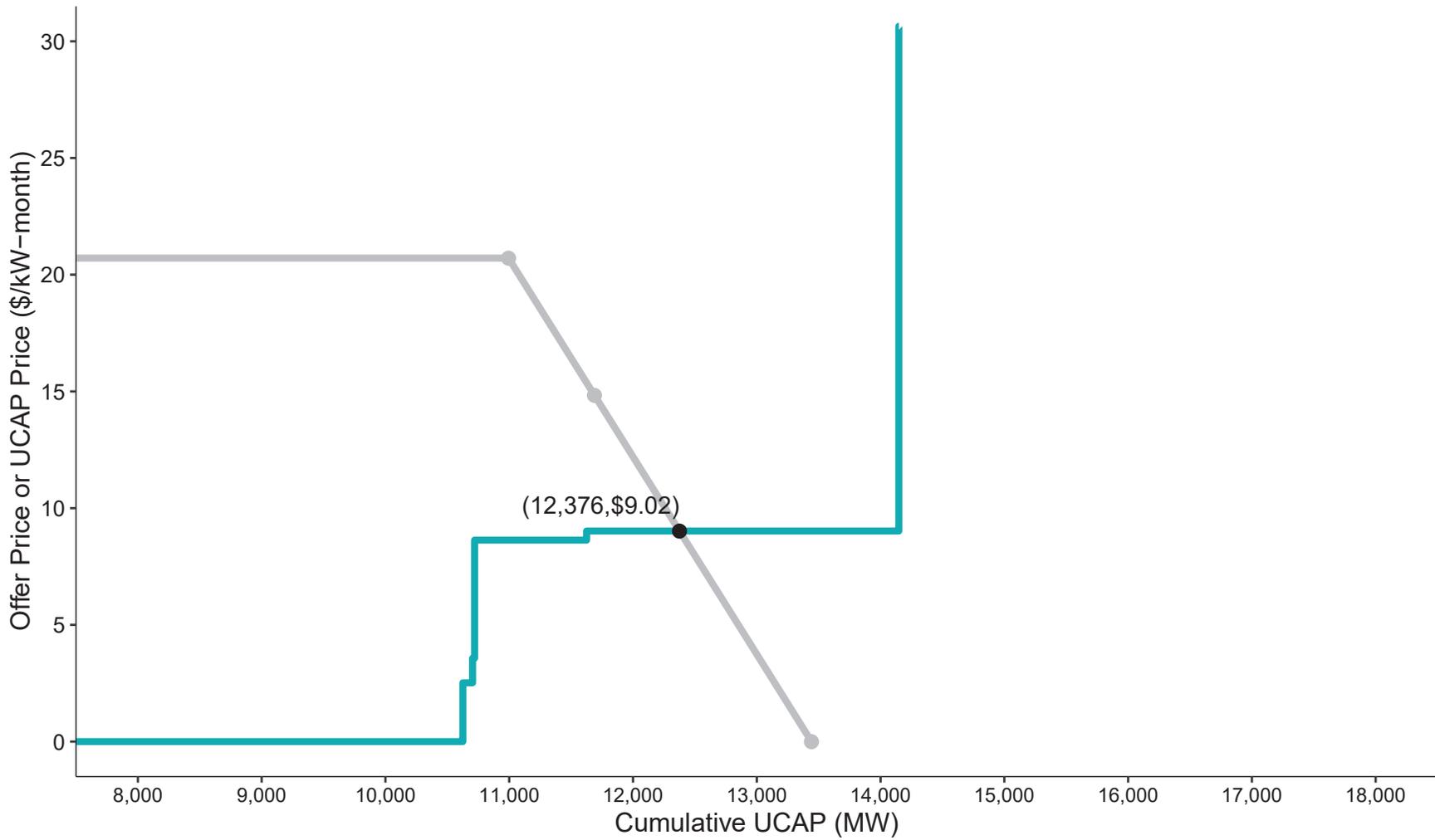
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Year: 2032
Capacity Locality: NYCA
Season: Winter



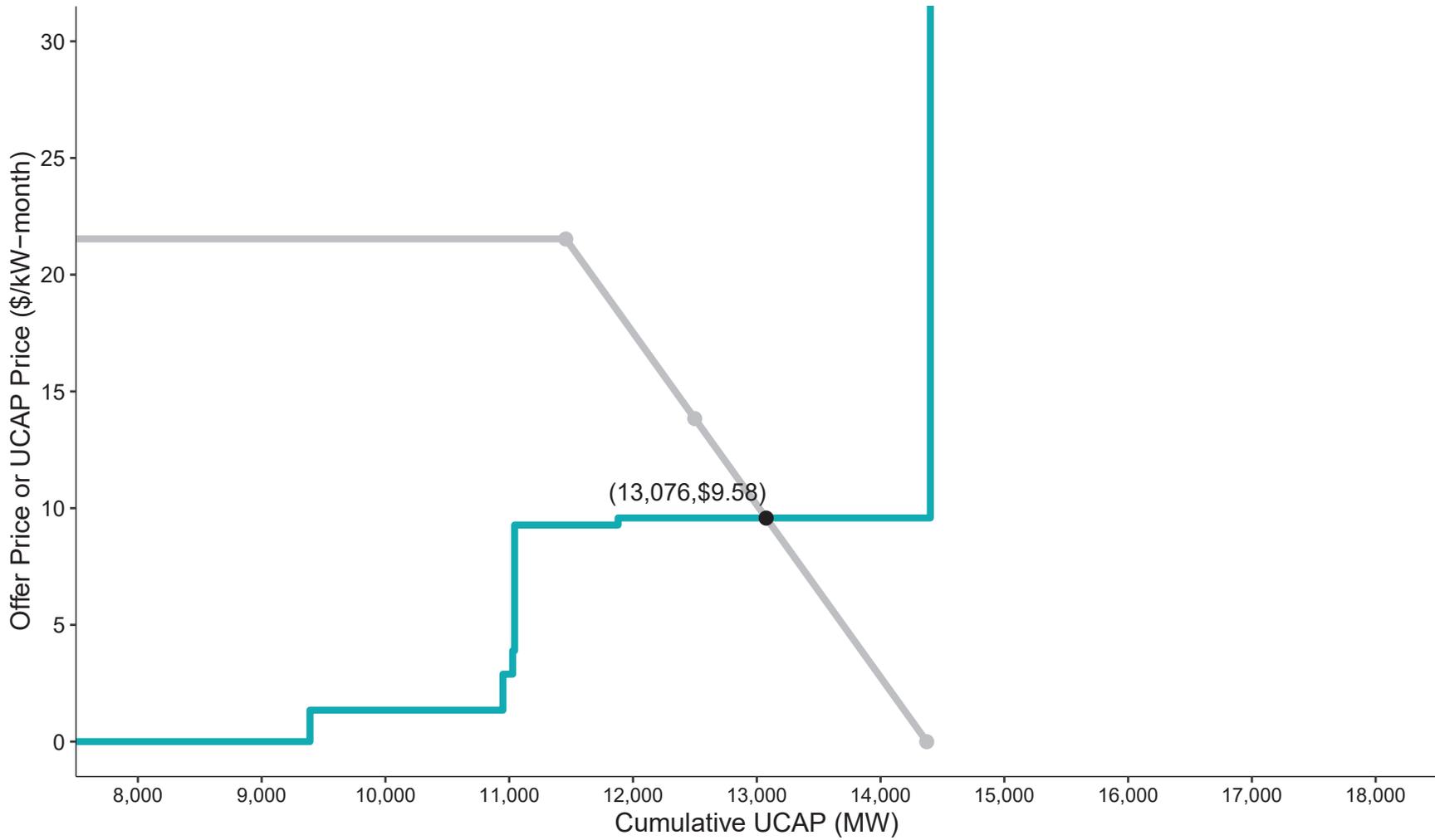
Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2022
Capacity Locality: GJ
Season: Summer



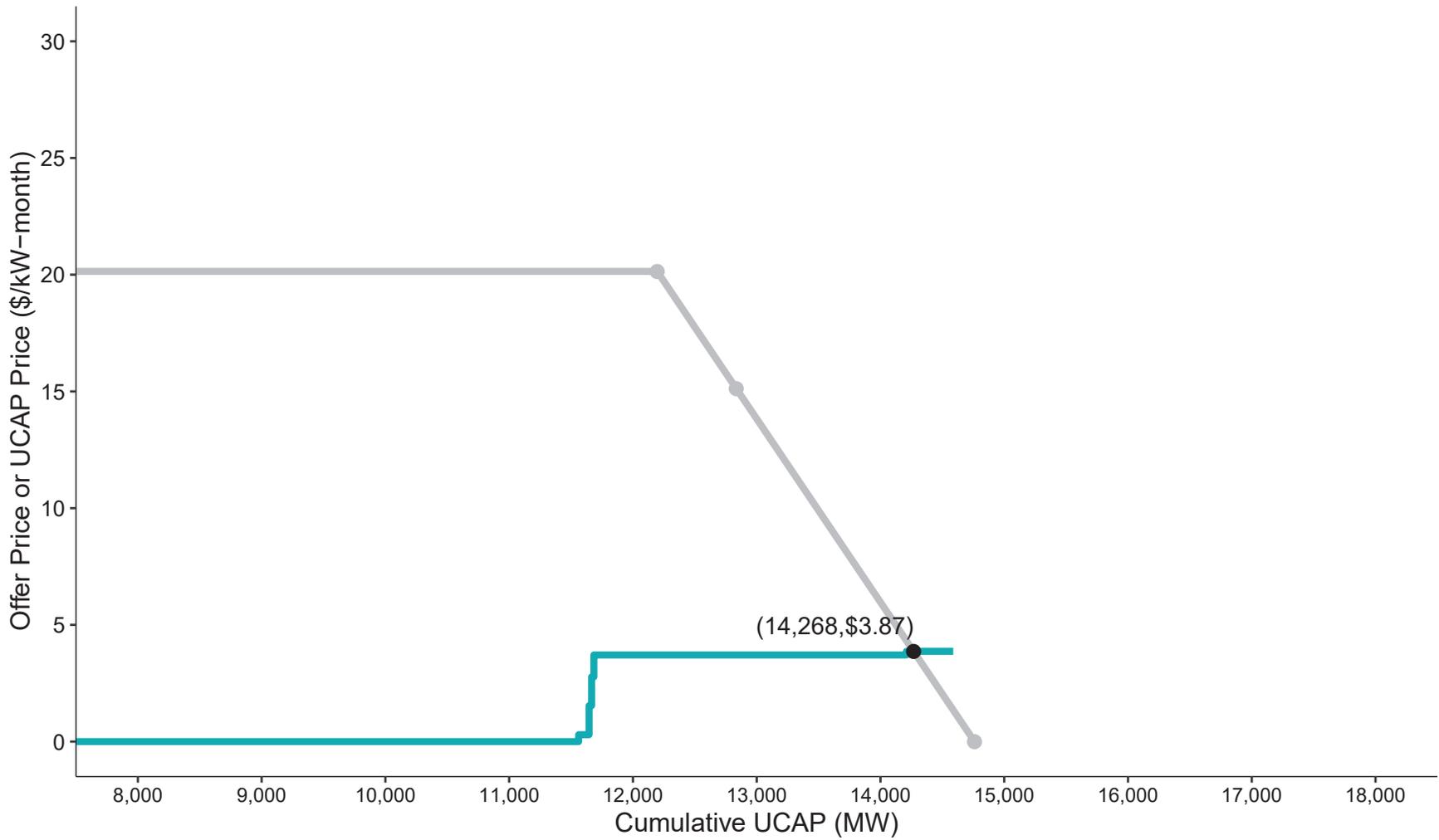
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Sensitivity: TDI Transmission Addition
Year: 2026
Capacity Locality: GJ
Season: Summer



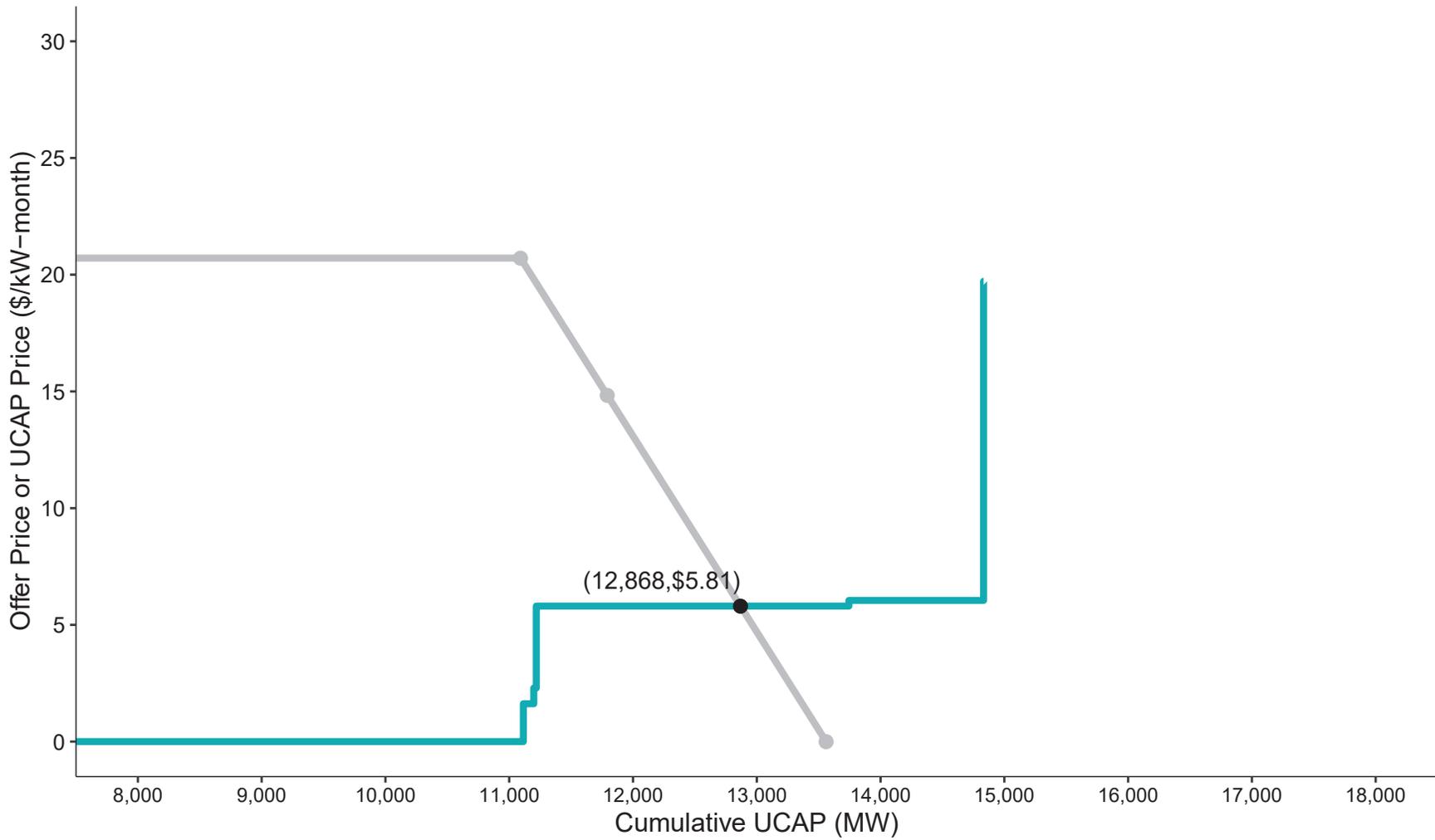
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Sensitivity: TDI Transmission Addition
Year: 2032
Capacity Locality: GJ
Season: Summer



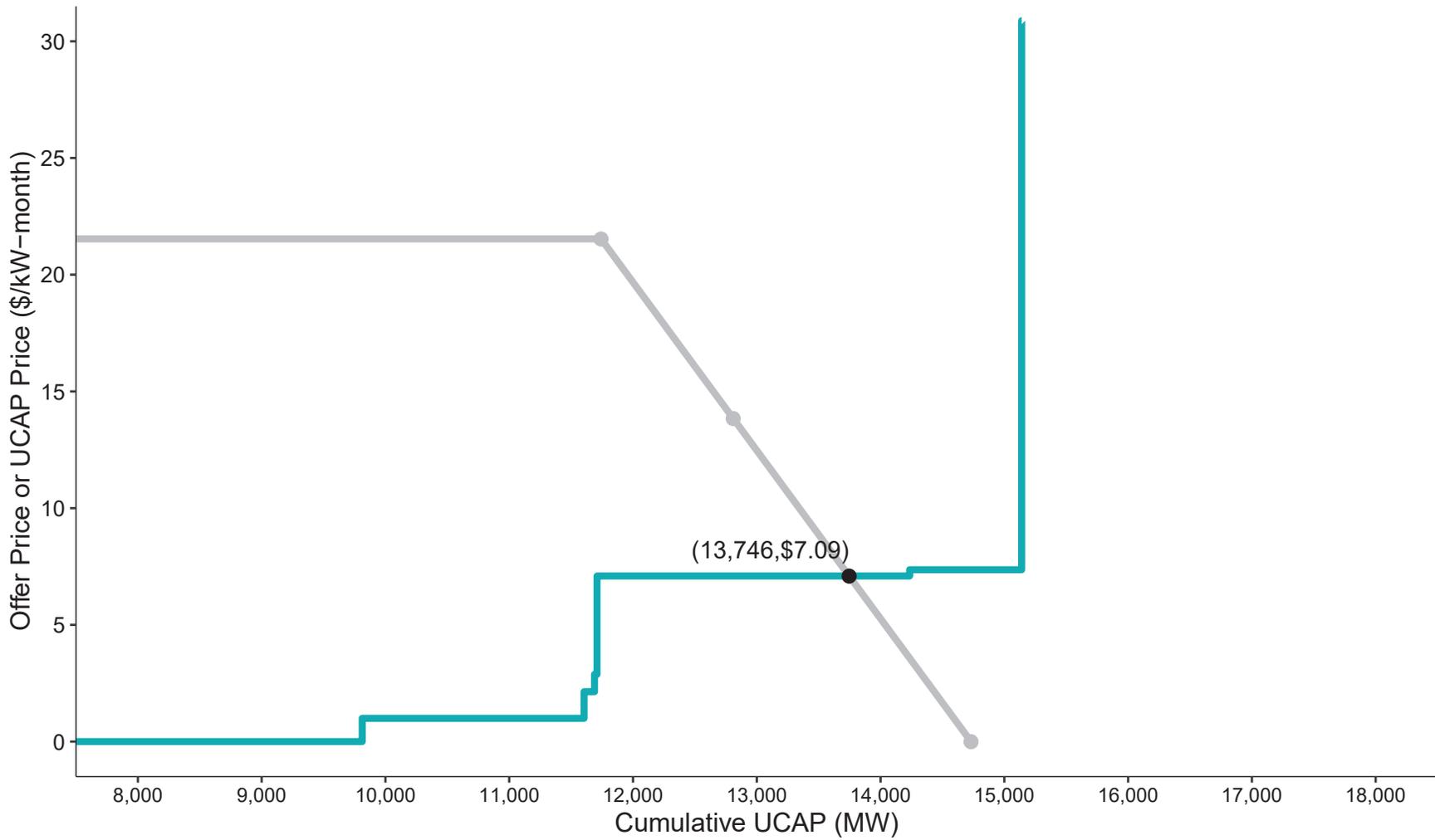
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Sensitivity: TDI Transmission Addition
Year: 2022
Capacity Locality: GJ
Season: Winter



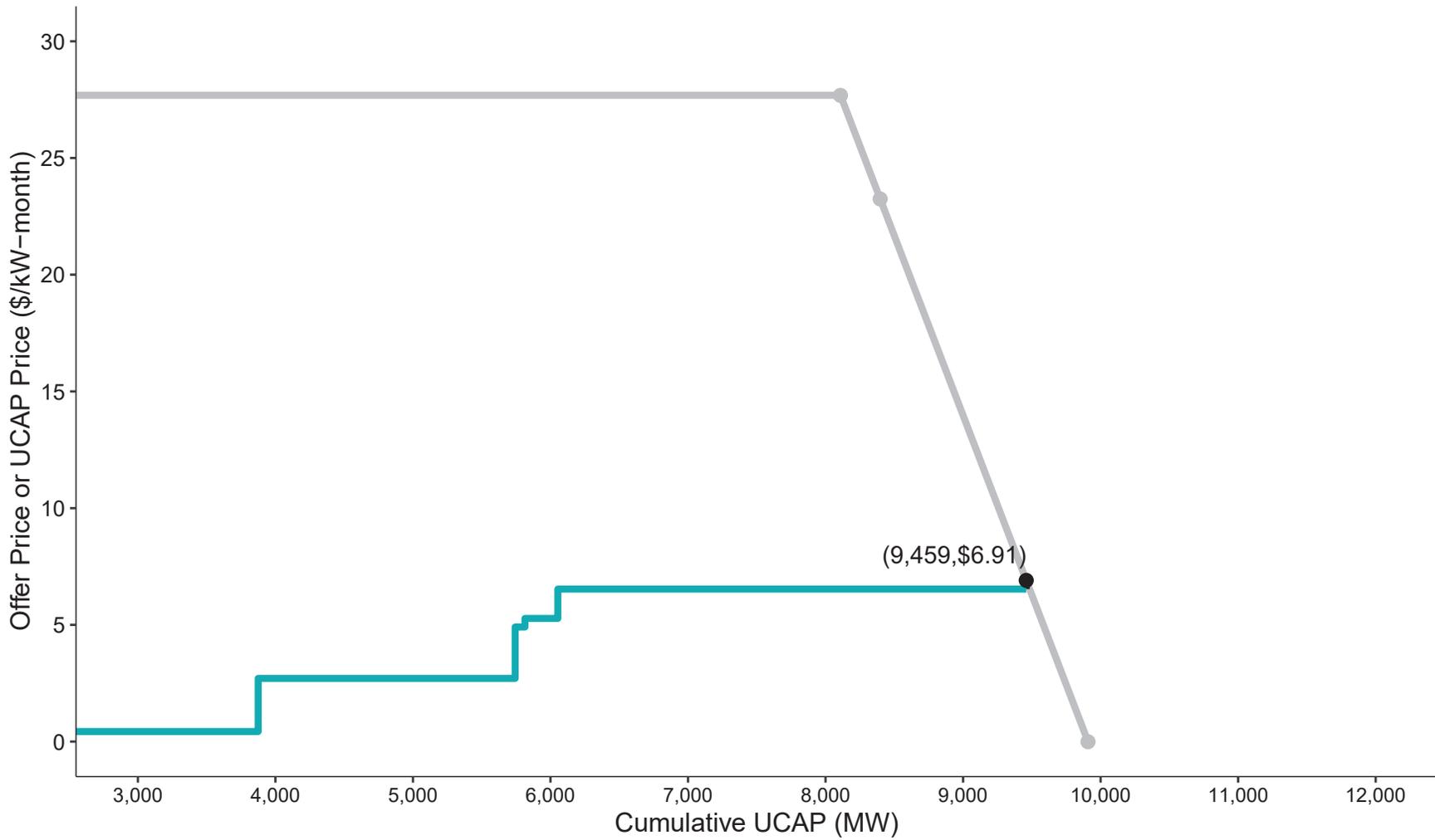
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Year: 2026
Capacity Locality: GJ
Season: Winter



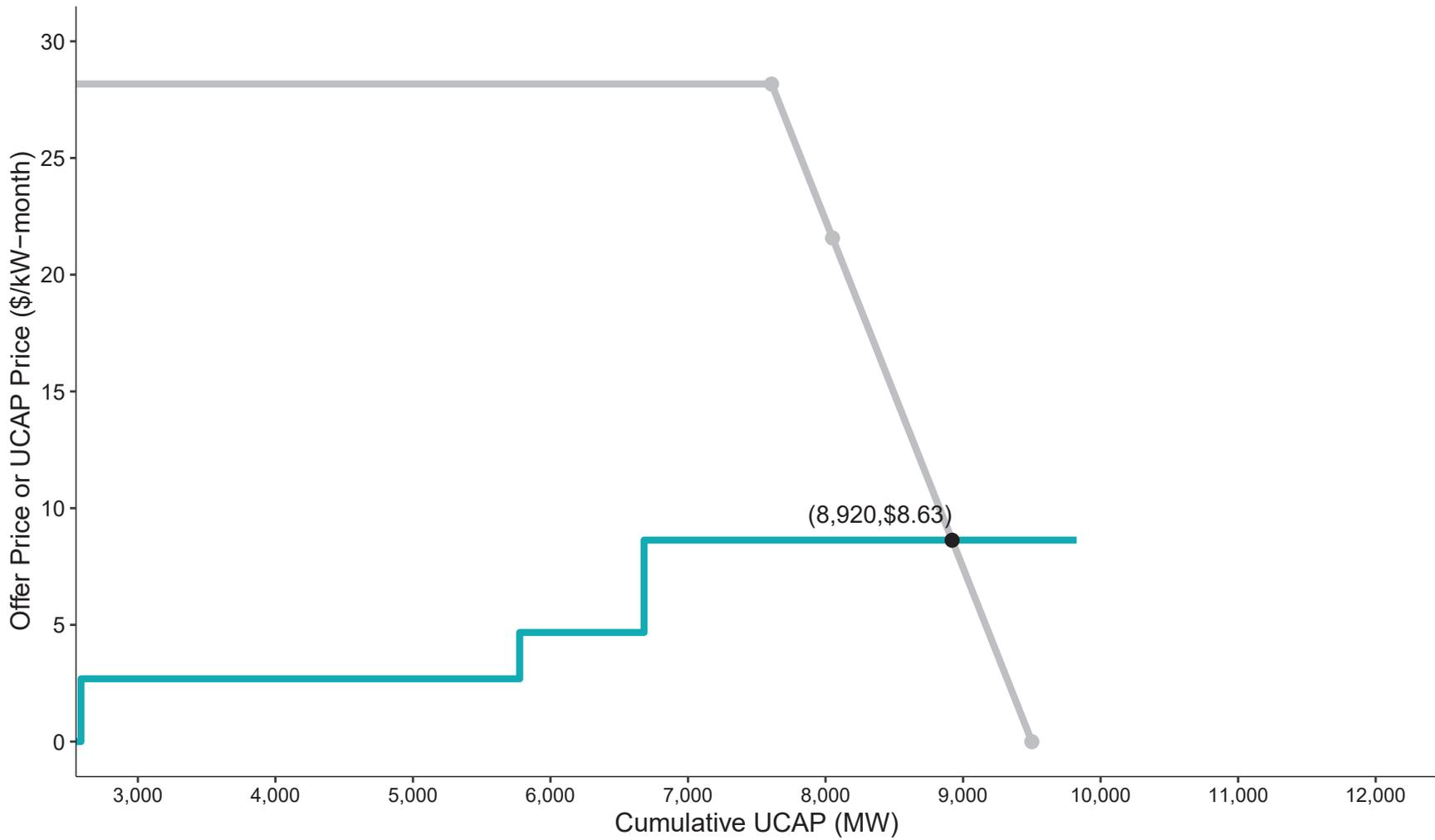
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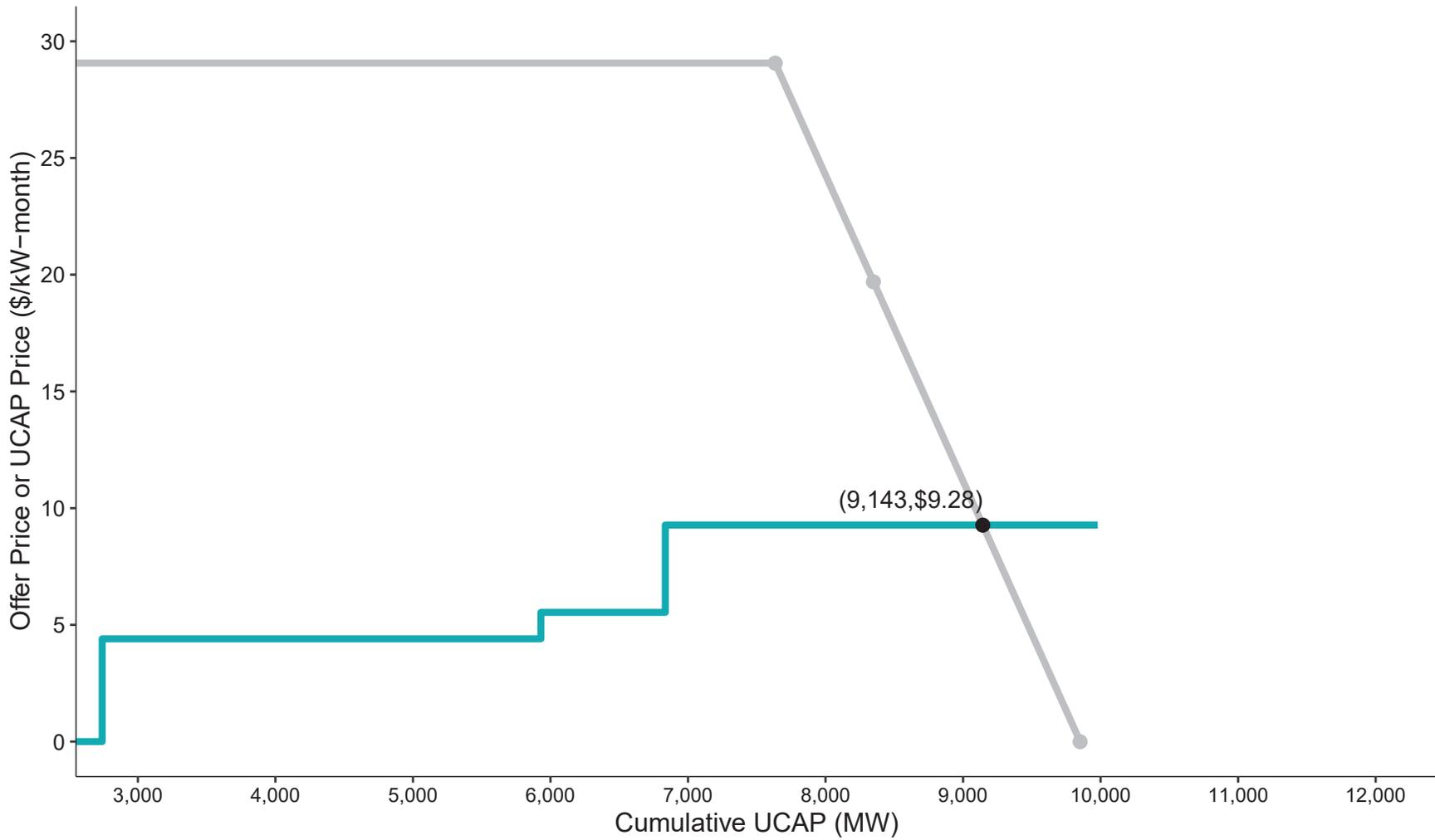
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Sensitivity: TDI Transmission Addition
Year: 2022
Capacity Locality: J
Season: Summer



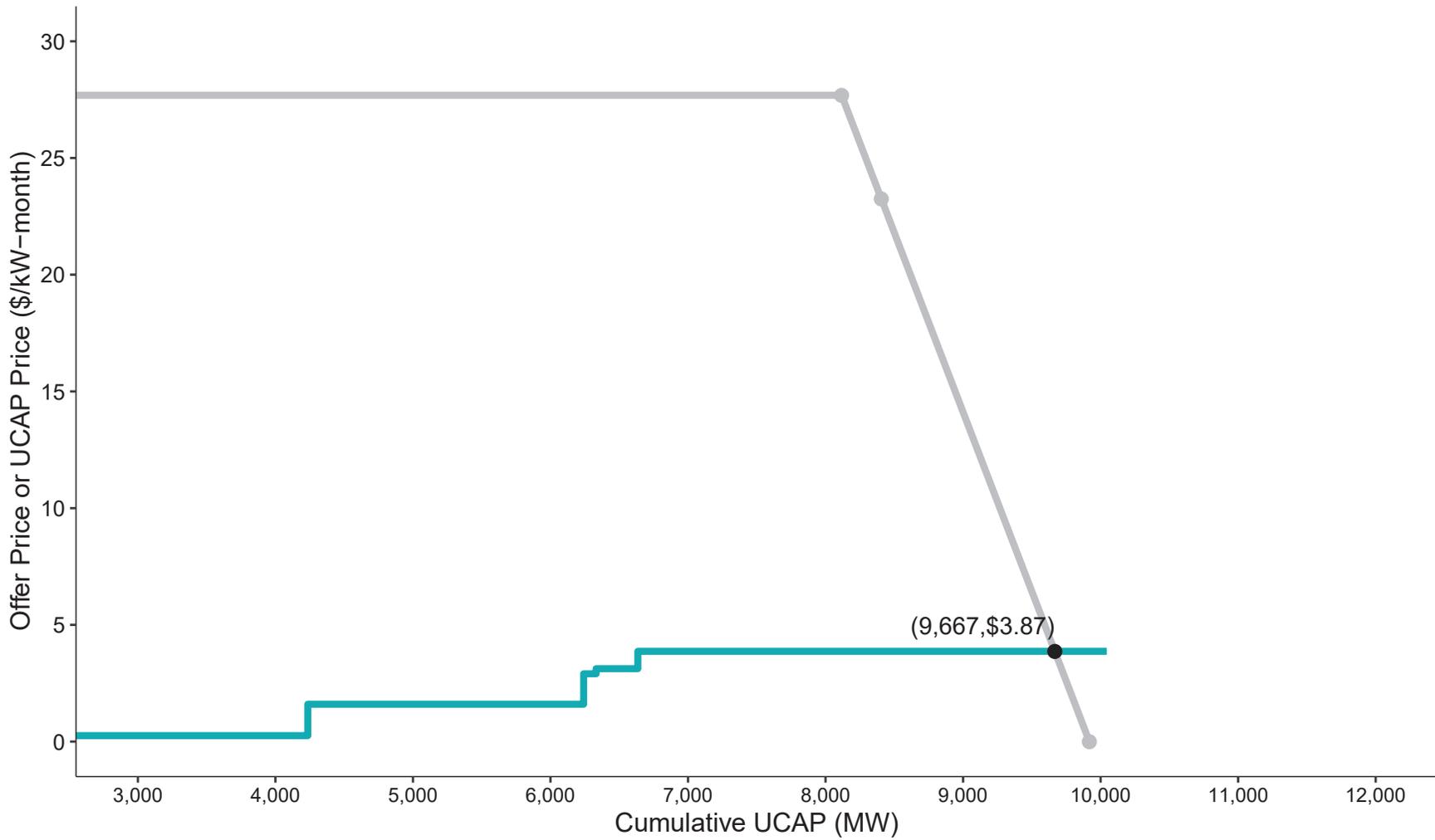
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Sensitivity: TDI Transmission Addition
Year: 2026
Capacity Locality: J
Season: Summer



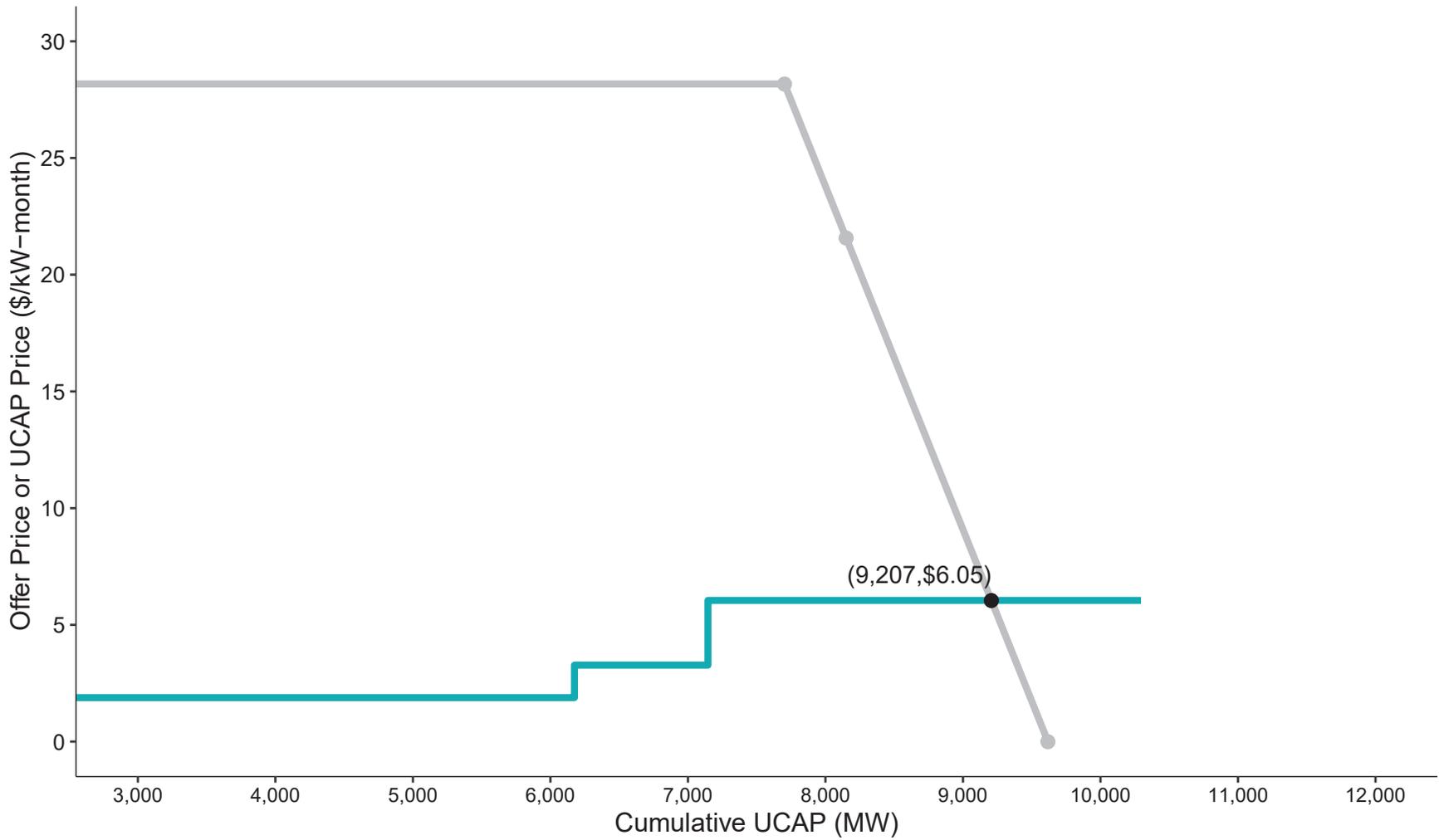
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Sensitivity: TDI Transmission Addition
Year: 2032
Capacity Locality: J
Season: Summer



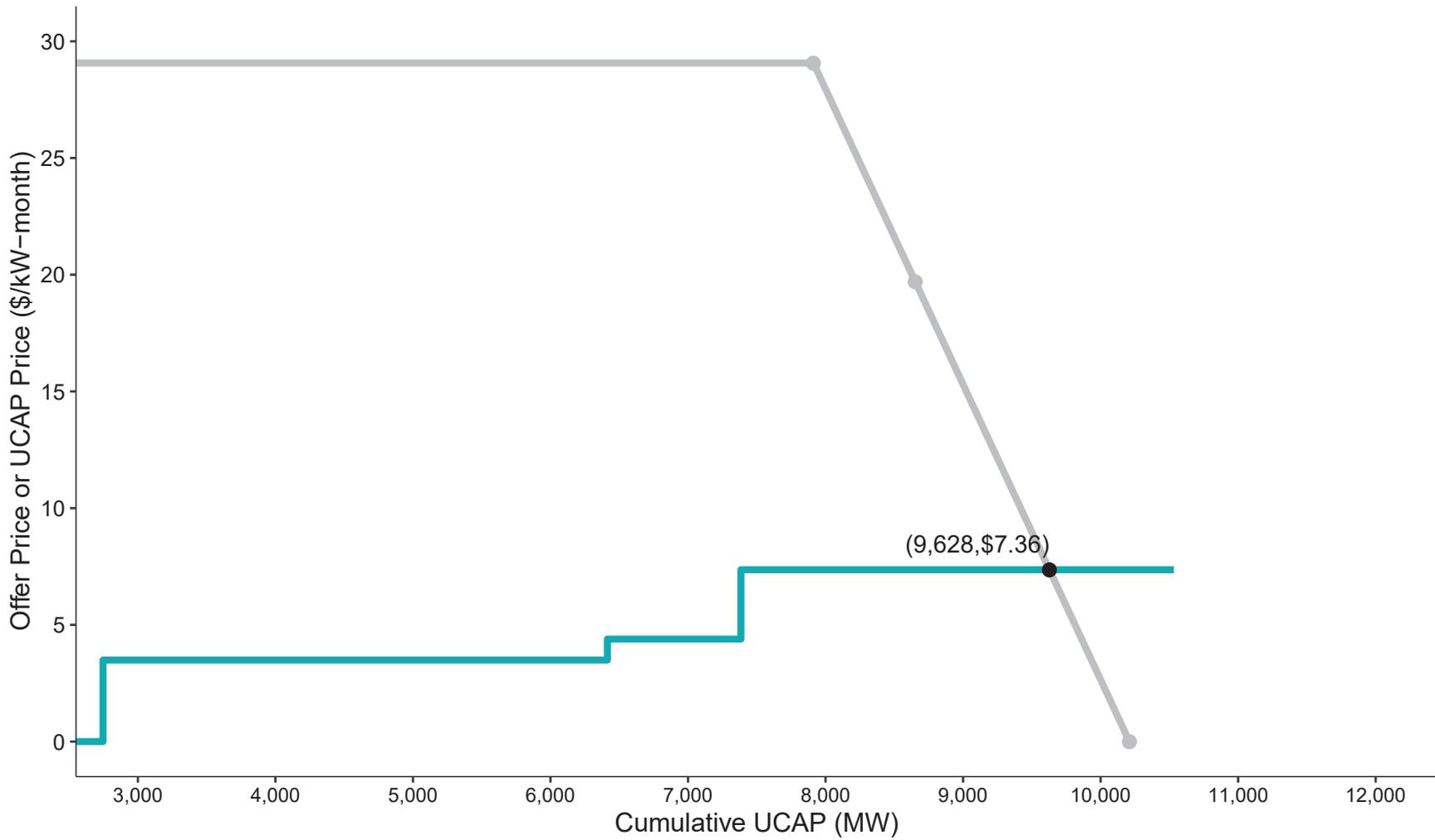
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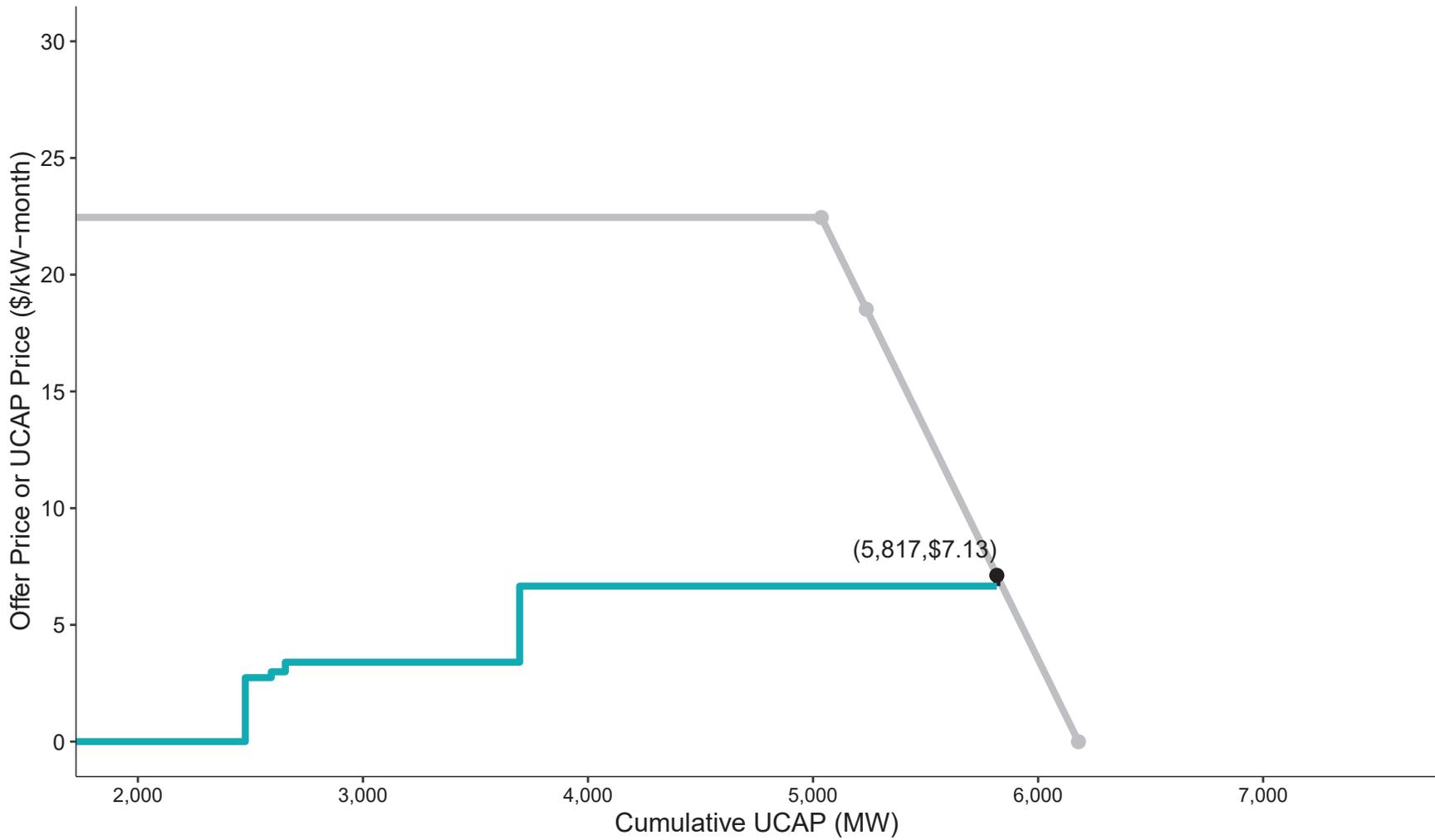
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Year: 2026
Capacity Locality: J
Season: Winter



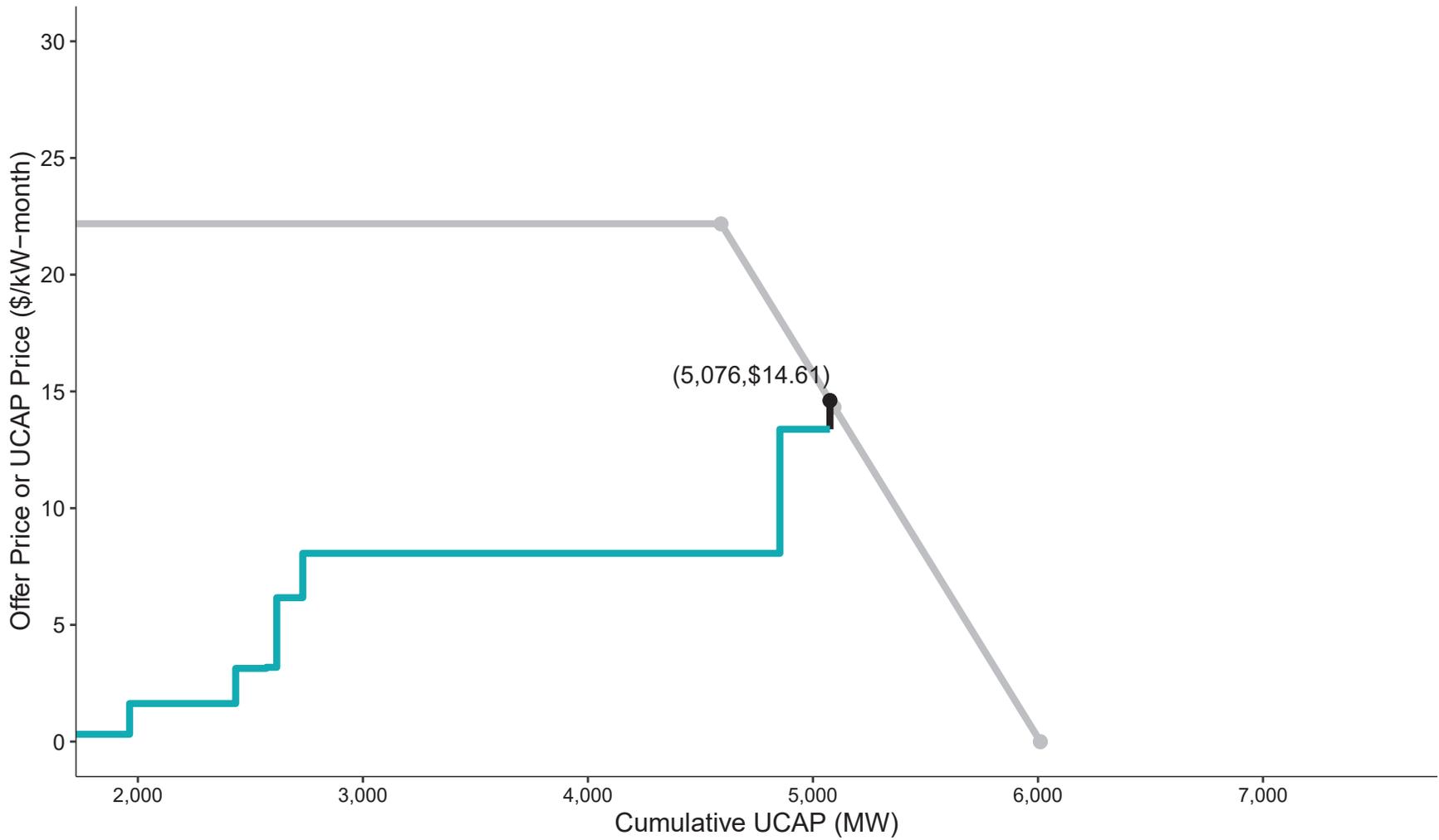
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Sensitivity: TDI Transmission Addition
Year: 2032
Capacity Locality: J
Season: Winter



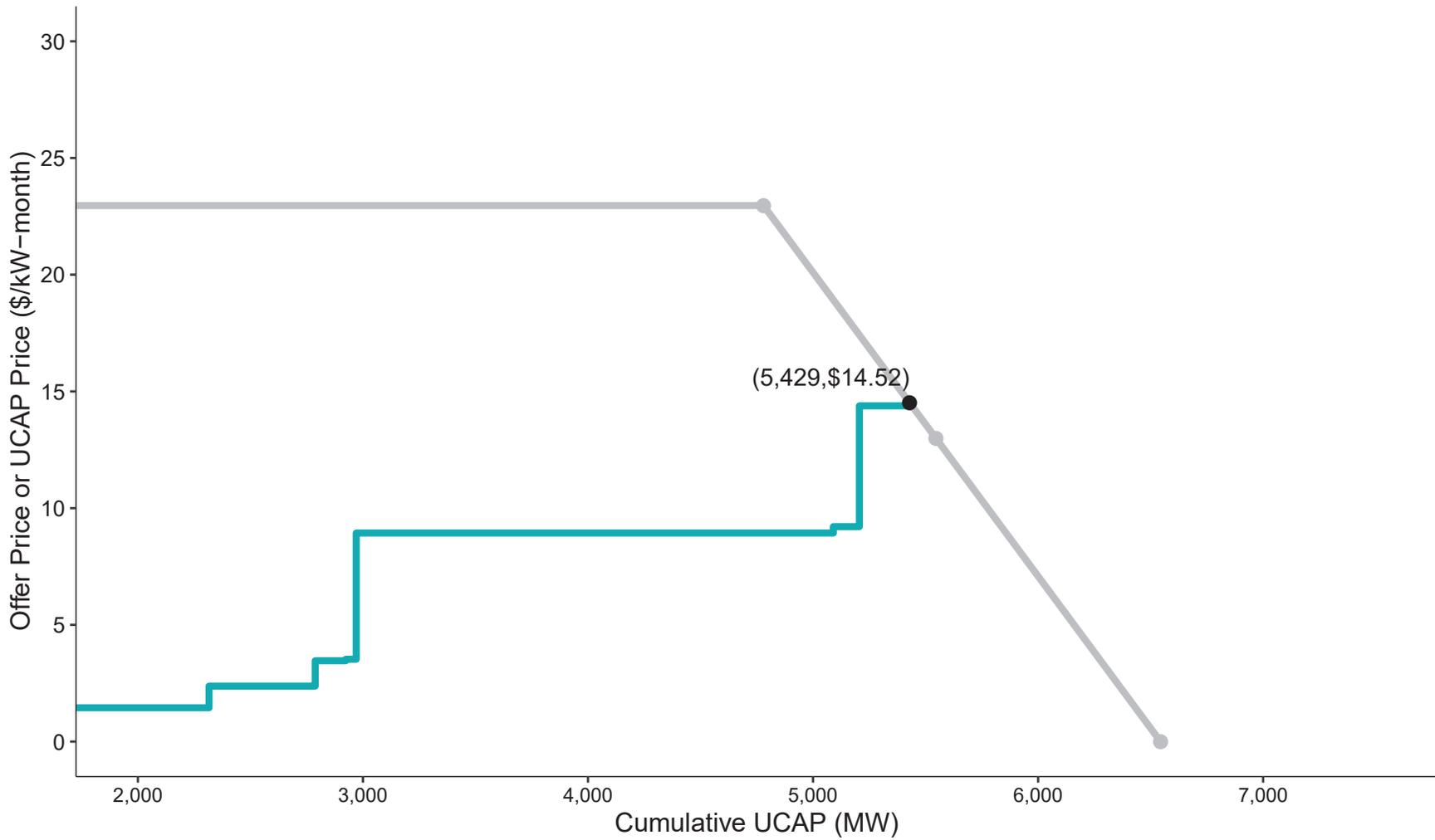
Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2022
Capacity Locality: K
Season: Summer



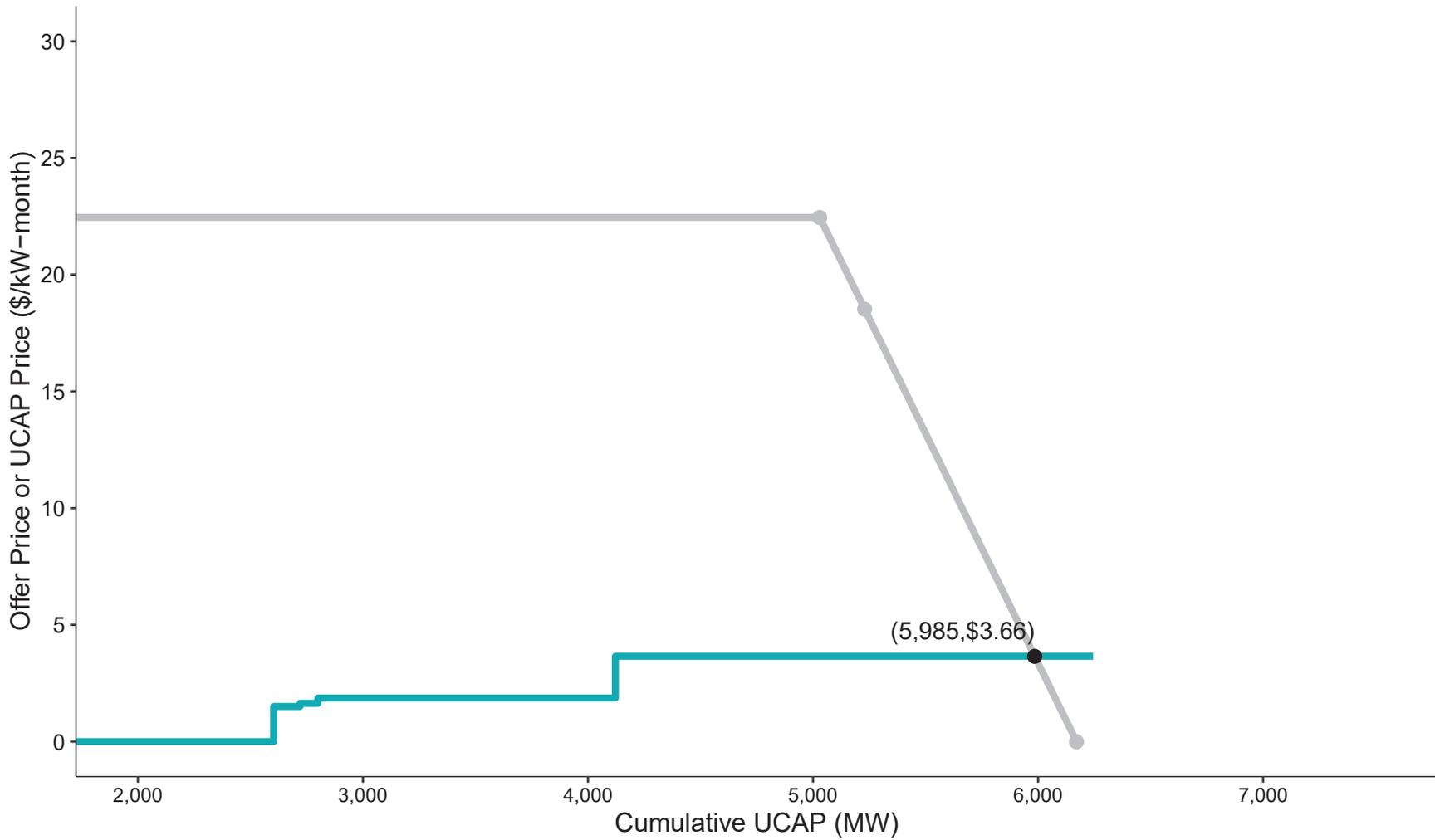
Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2026
Capacity Locality: K
Season: Summer



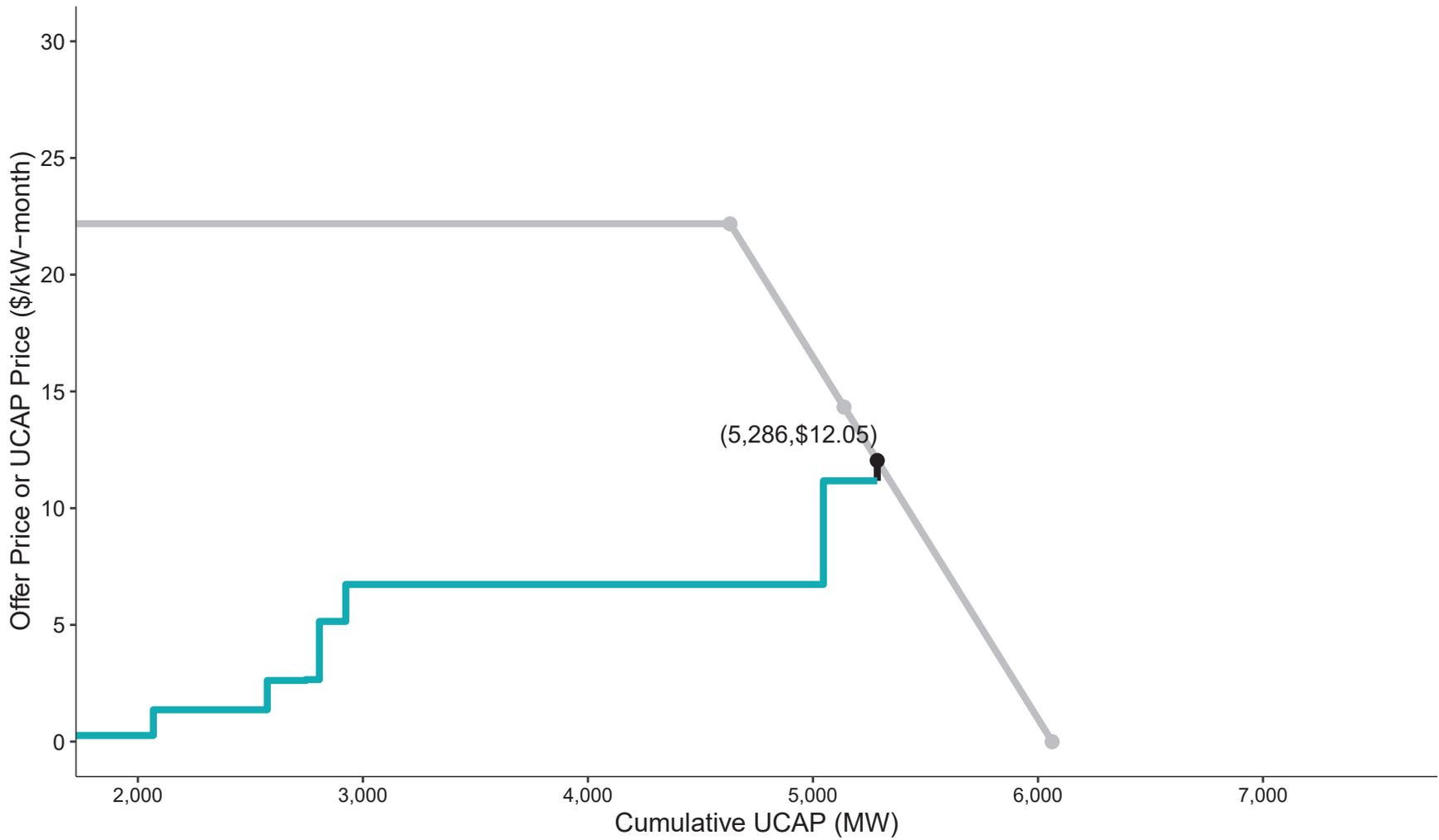
Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2032
Capacity Locality: K
Season: Summer



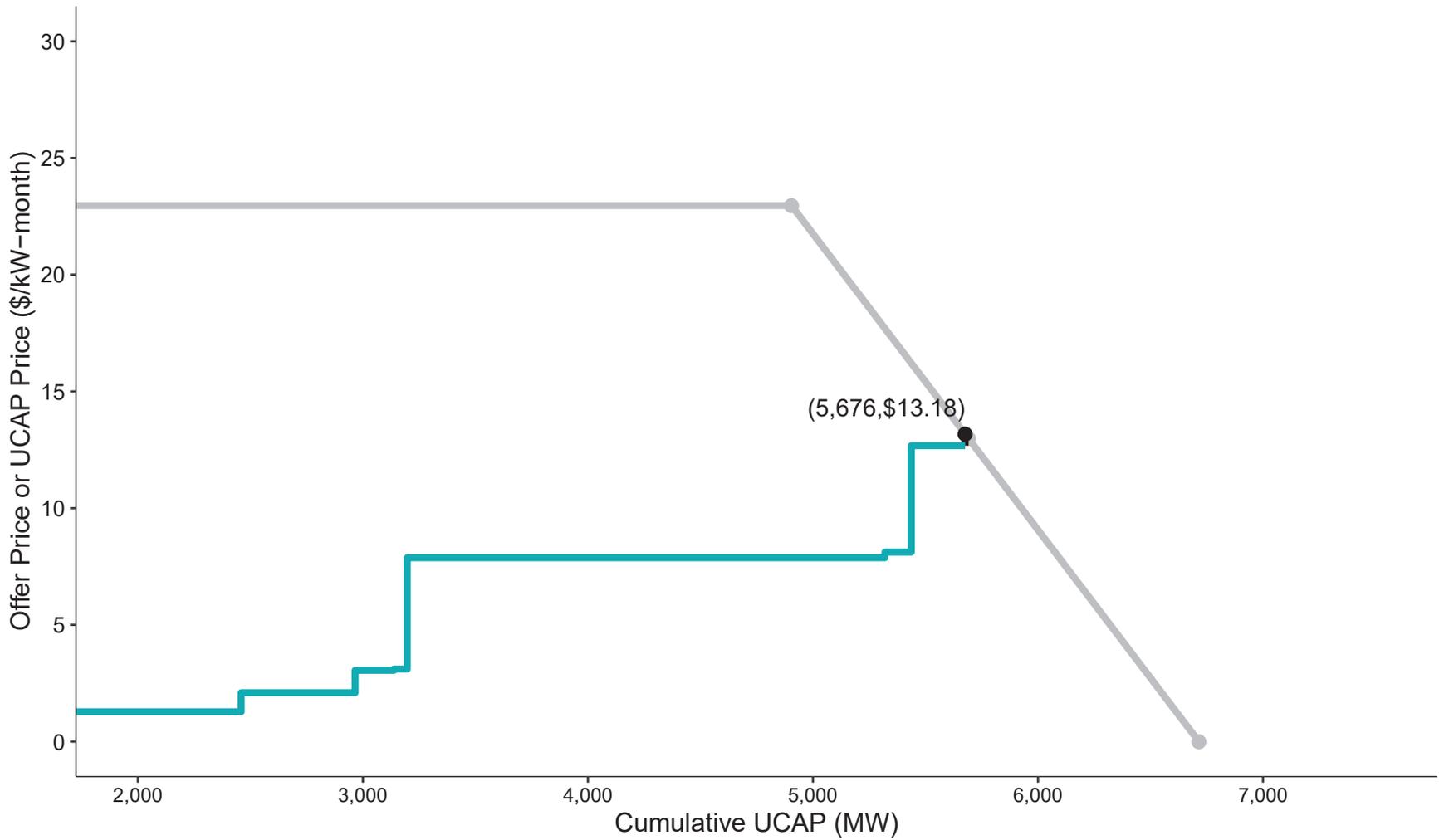
Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2022
Capacity Locality: K
Season: Winter



Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2026
Capacity Locality: K
Season: Winter



Supply and Demand Curves
Sensitivity: TDI Transmission Addition
Year: 2032
Capacity Locality: K
Season: Winter



Supply Inputs
Sensitivity: CPNY Transmission Addition

NYCA Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	26,315	24,322	23,481	21,833	23,485	21,836
Hydro	5,018	4,210	5,018	4,210	5,018	4,210
Nuclear	3,345	3,266	3,345	3,266	2,156	2,105
Onshore Wind	1,739	278	1,983	210	9,698	633
Offshore Wind	0	0	1,200	349	7,591	362
Utility-Scale Solar	56	26	5,056	942	16,669	702
Storage (2h)	592	258	2,156	816	4,264	1,266
Storage (4h)	2	2	9	7	386	229
Net Imports	973	973	973	973	973	973
SCRs	1,185	1,067	1,185	1,185	1,185	1,185
UDRs	1,042	1,042	1,042	1,042	1,042	1,042
Other Resources	2,671	2,541	2,571	2,450	3,251	3,109
TDI	0	0	0	0	0	0
Total	42,939	37,985	48,021	37,283	75,719	37,653

G-J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	14,029	12,951	12,306	11,417	12,306	11,417
Hydro	101	52	101	52	101	52
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	694	202	5,060	241
Utility-Scale Solar	0	0	0	0	944	40
Storage (2h)	1	1	1,343	509	1,436	426
Storage (4h)	0	0	4	3	158	94
Net Imports	0	0	0	0	0	0
SCRs	523	470	523	523	523	523
UDRs	299	299	299	299	299	299
Other Resources	19	18	75	72	339	328
TDI	0	0	0	0	0	0
Total	14,972	13,791	15,345	13,077	21,165	13,420

Supply Inputs
Sensitivity: CPNY Transmission Addition

J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	9,519	8,775	7,796	7,241	7,796	7,240
Hydro	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	694	202	5,060	241
Utility-Scale Solar	0	0	0	0	0	0
Storage (2h)	1	0	1,342	508	1,433	425
Storage (4h)	0	0	4	3	157	93
Net Imports	0	0	0	0	0	0
SCRs	428	385	428	428	428	428
UDRs	299	299	299	299	299	299
Other Resources	0	0	54	52	239	232
TDI	0	0	0	0	0	0
Total	10,247	9,459	10,618	8,733	15,412	8,959

K Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	5,148	4,636	4,037	3,681	4,037	3,681
Hydro	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	506	147	2,531	121
Utility-Scale Solar	56	26	56	11	56	2
Storage (2h)	589	257	812	307	1,378	409
Storage (4h)	2	1	4	3	223	132
Net Imports	0	0	0	0	0	0
SCRs	43	39	43	43	43	43
UDRs	743	743	743	743	743	743
Other Resources	121	115	157	150	326	314
TDI	0	0	0	0	0	0
Total	6,703	5,818	6,357	5,085	9,336	5,445

Demand Inputs
Sensitivity: CPNY Transmission Addition

UCAP Reference Point Price (\$/kW-mo)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	\$9.43	\$8.87	\$8.72	\$9.43	\$8.87	\$8.72
G-J Locality	\$15.12	\$14.84	\$14.08	\$15.12	\$14.84	\$14.07
NYC (J)	\$23.25	\$21.58	\$20.30	\$23.25	\$21.58	\$20.28
LI (K)	\$18.53	\$14.33	\$12.99	\$18.53	\$14.33	\$12.99

UCAP/ICAP Translation Factors (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	12.4%	24.4%	53.2%	11.3%	24.8%	52.8%
G-J Locality	8.0%	15.6%	38.1%	7.8%	14.9%	36.5%
NYC (J)	7.8%	19.1%	43.9%	7.7%	18.0%	41.9%
LI (K)	14.9%	22.8%	45.5%	15.0%	22.2%	44.1%

UCAP Capacity Requirement (MW)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	34,429	33,284	34,666	34,835	33,122	34,988
G-J Locality	12,816	11,689	11,264	12,835	11,792	11,575
NYC (J)	8,397	8,051	7,113	8,405	8,151	7,417
LI (K)	5,237	5,094	5,546	5,229	5,138	5,691

UCAP Reserve Margin (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	107.9%	104.9%	97.9%	109.1%	104.4%	98.8%
G-J Locality	85.7%	79.2%	69.2%	85.9%	79.9%	71.1%
NYC (J)	77.8%	75.8%	60.9%	77.9%	76.7%	63.5%
LI (K)	96.9%	93.9%	88.1%	96.7%	94.7%	90.4%

IRM/LCR (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	123.1%	138.9%	209.2%	123.1%	138.9%	209.2%
G-J Locality	93.2%	93.9%	111.7%	93.2%	93.9%	112.0%
NYC (J)	84.4%	93.6%	108.7%	84.4%	93.6%	109.3%
LI (K)	113.8%	121.7%	161.6%	113.8%	121.7%	161.6%

Outputs

Sensitivity: CPNY Transmission Addition

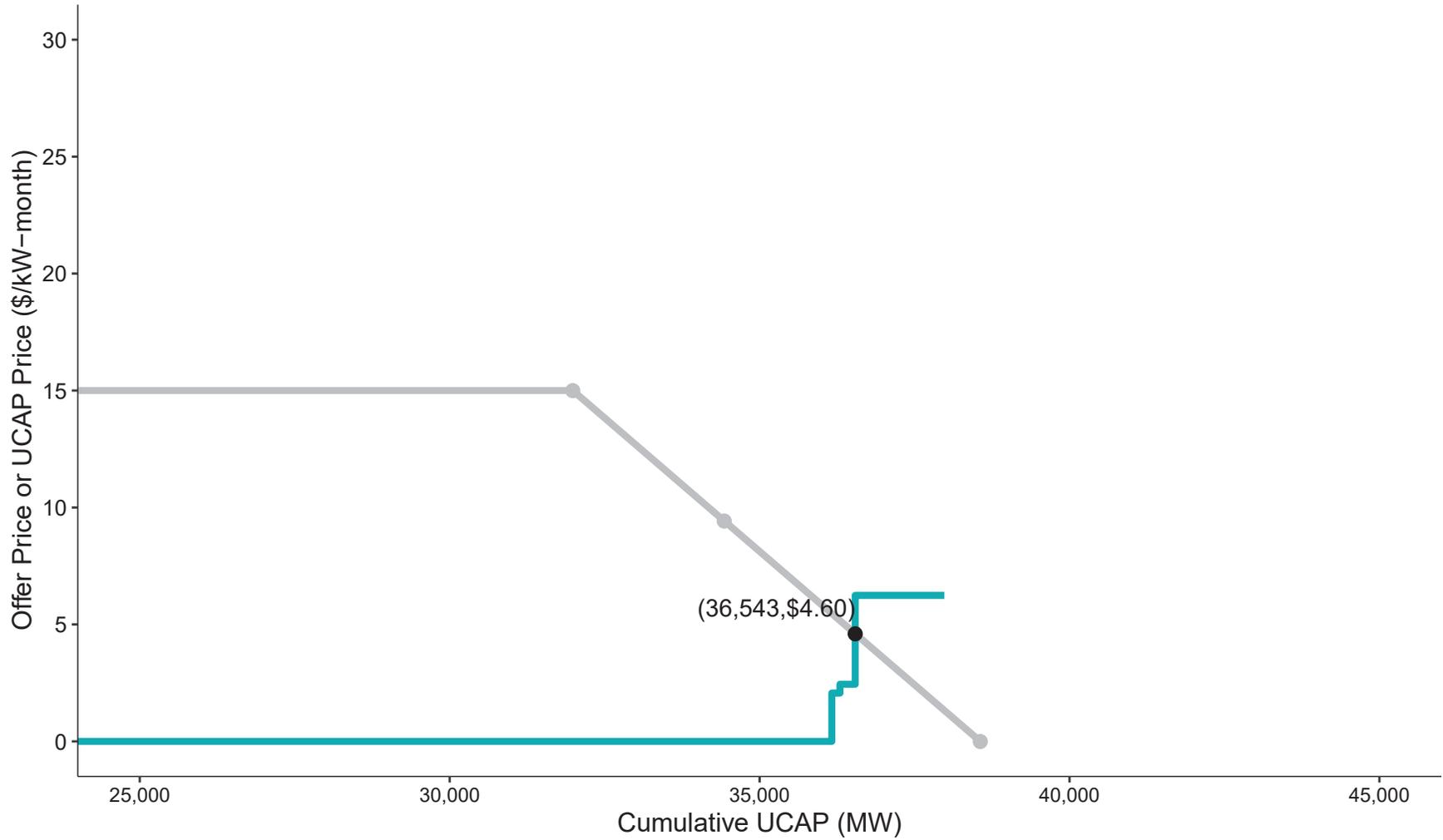
Clearing Prices (\$/kW-mo)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	\$4.60	\$5.07	\$7.81	\$3.33	\$4.23	\$6.40
G-J Locality	\$7.46	\$9.02	\$9.58	\$3.87	\$5.81	\$7.09
NYC (J)	\$7.46	\$12.83	\$9.58	\$3.87	\$7.51	\$7.36
LI (K)	\$7.13	\$14.61	\$14.52	\$3.66	\$12.05	\$13.18

Clearing UCAP Quantities (MW)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	36,543	34,996	35,102	37,540	35,200	36,103
G-J Locality	13,791	12,376	11,803	14,268	12,868	12,435
NYC (J)	9,459	8,638	7,808	9,667	9,107	8,267
LI (K)	5,817	5,076	5,429	5,985	5,286	5,676

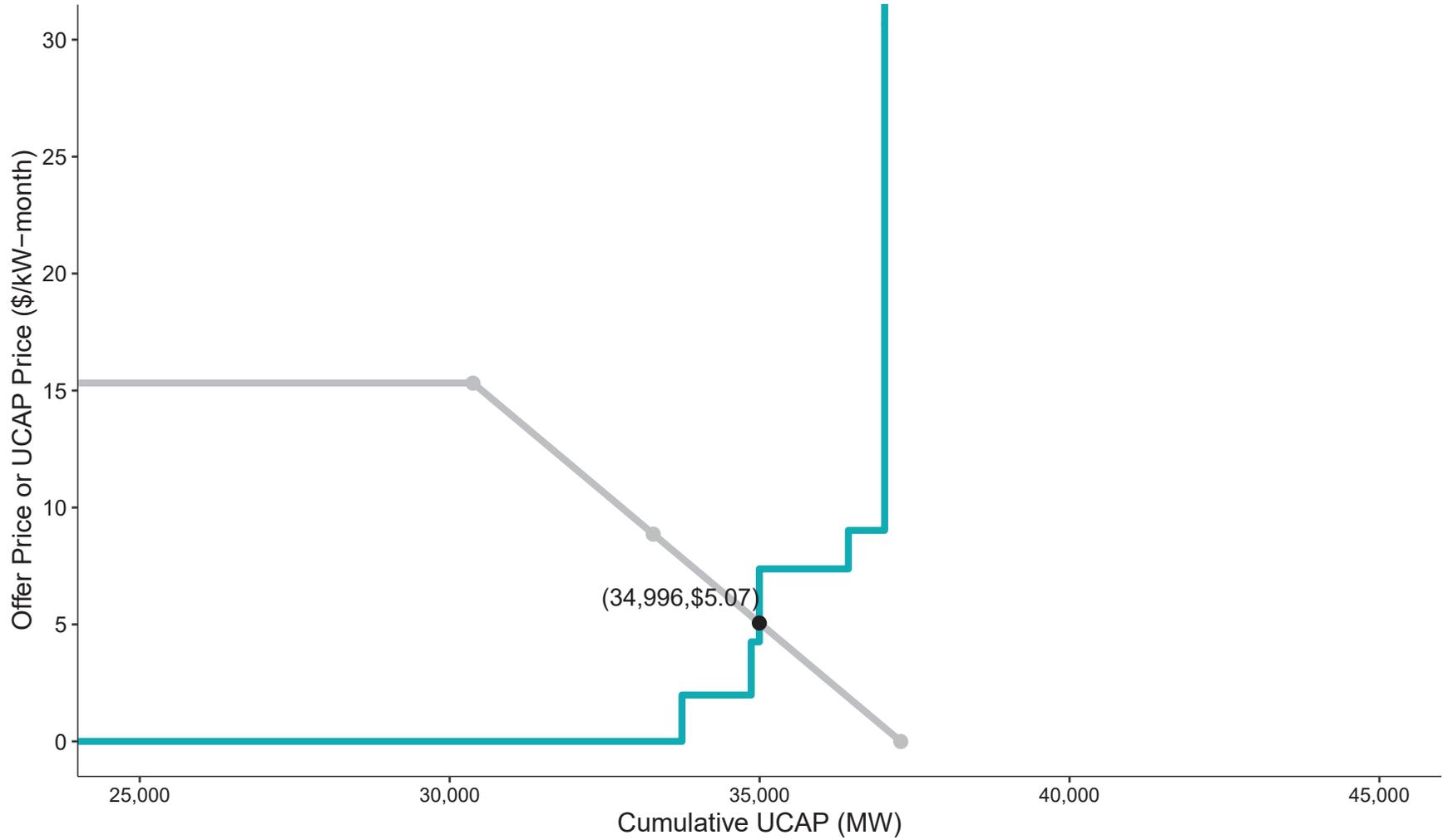
Note:

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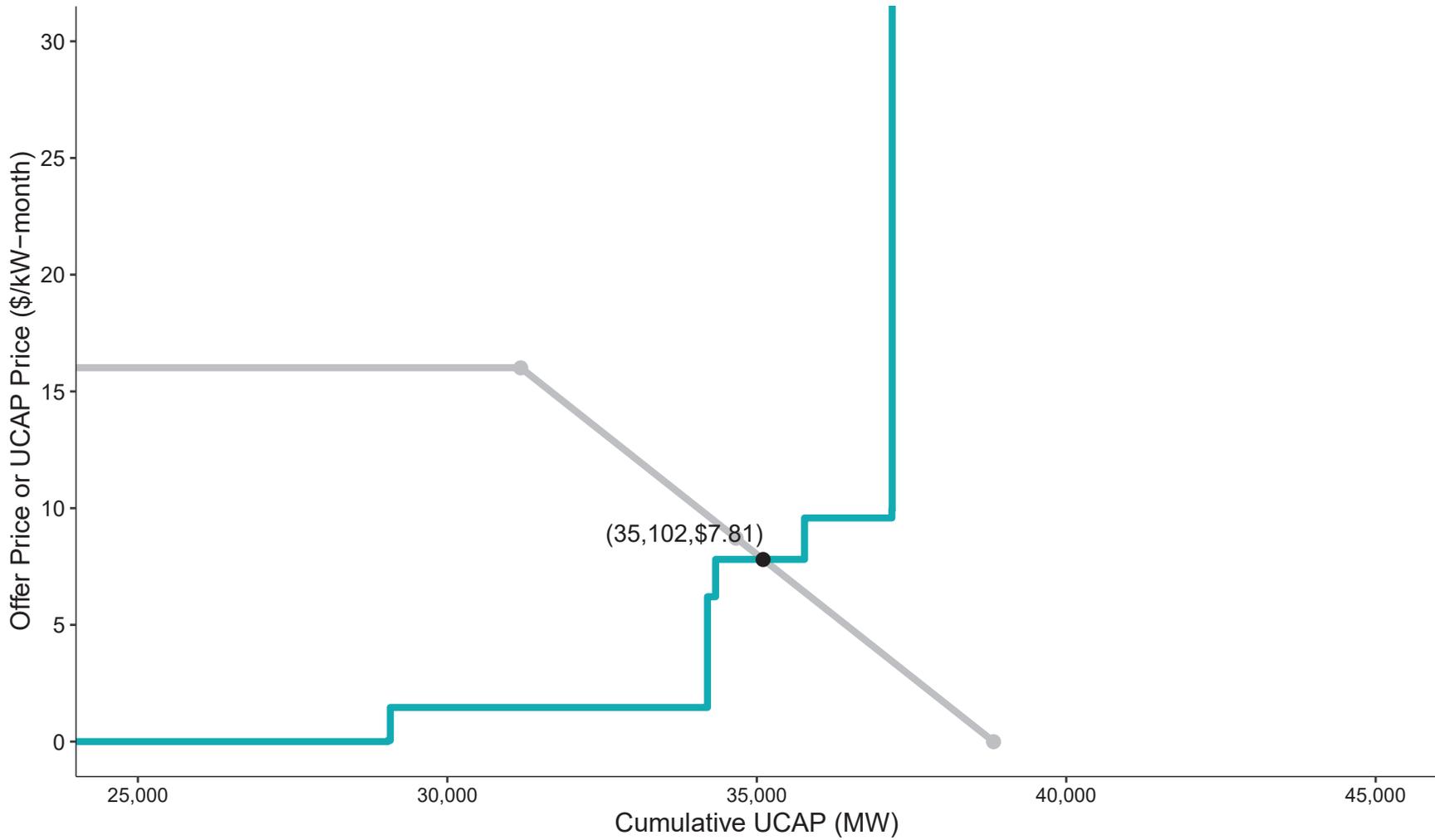
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Capacity Locality: NYCA
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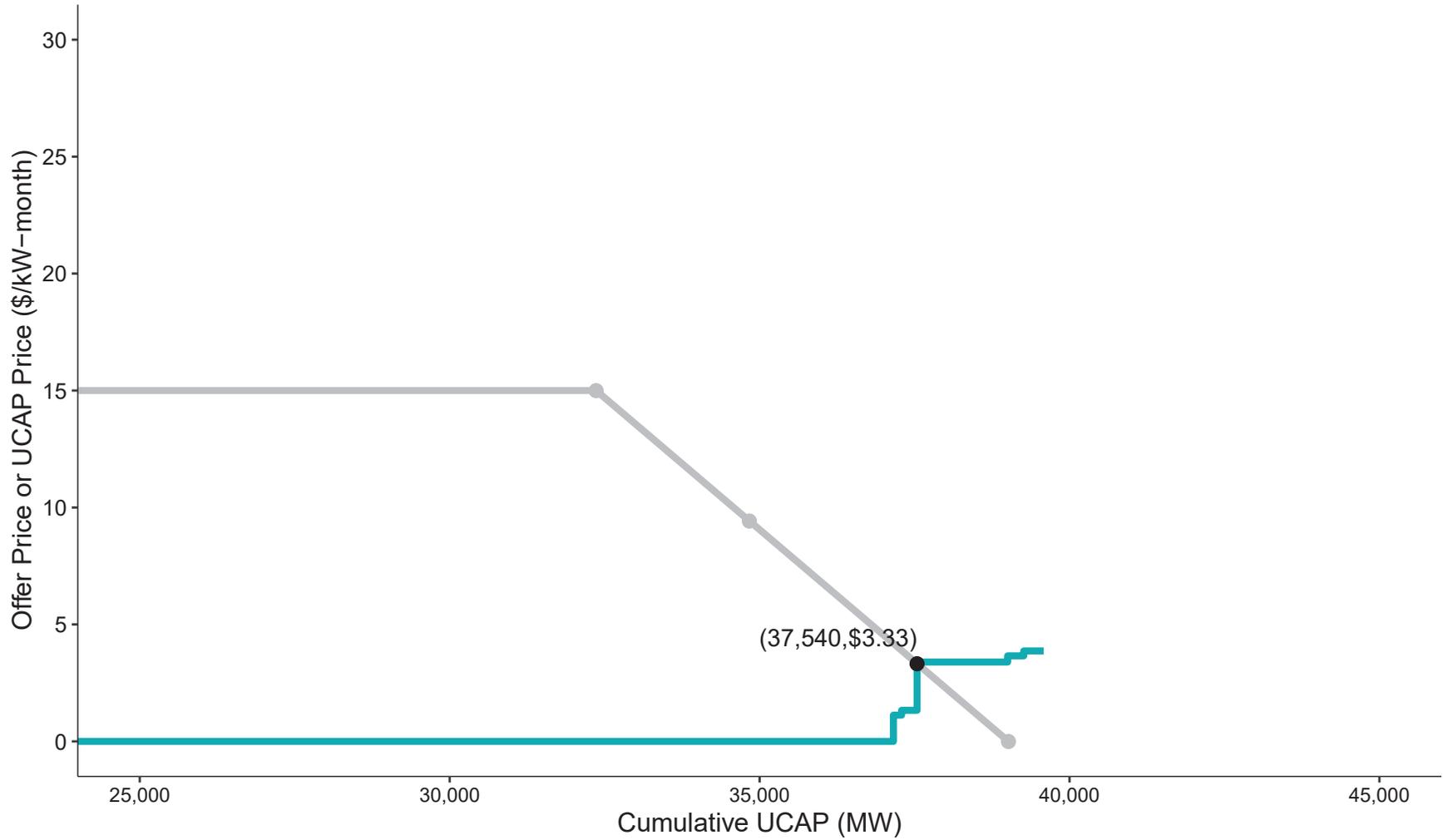
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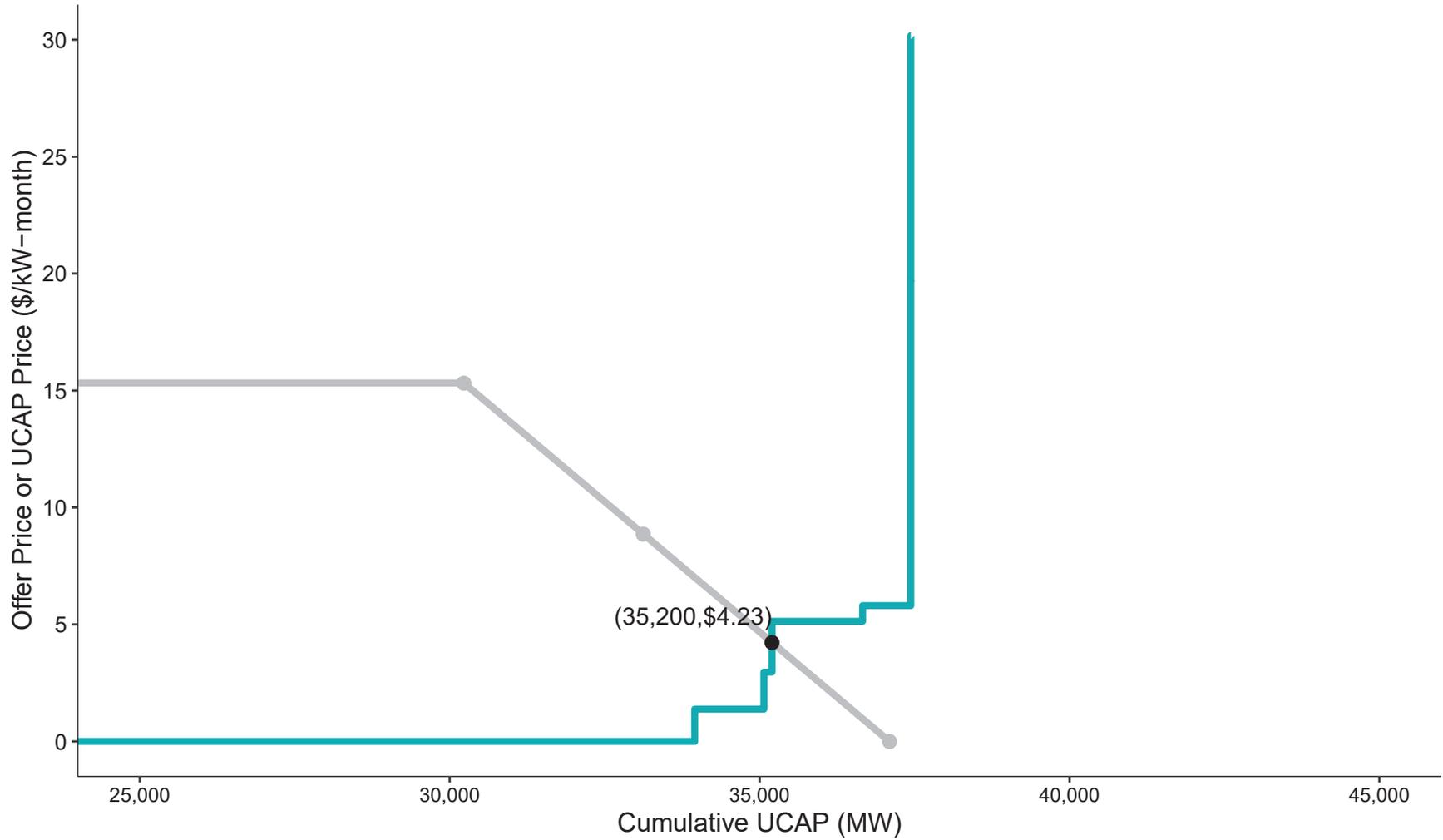
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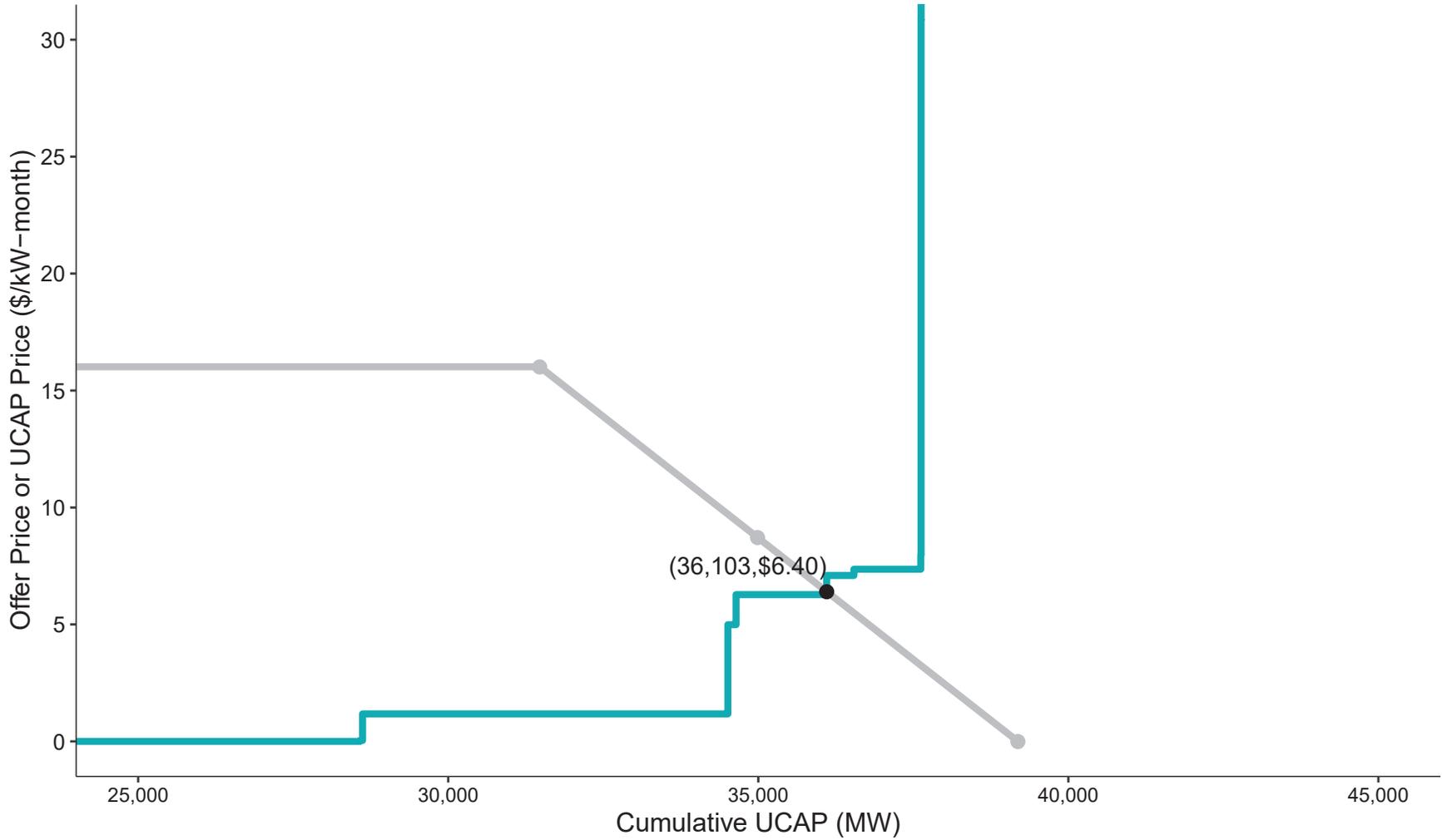
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Sensitivity: CPNY Transmission Addition
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Capacity Locality: NYCA
Season: Winter



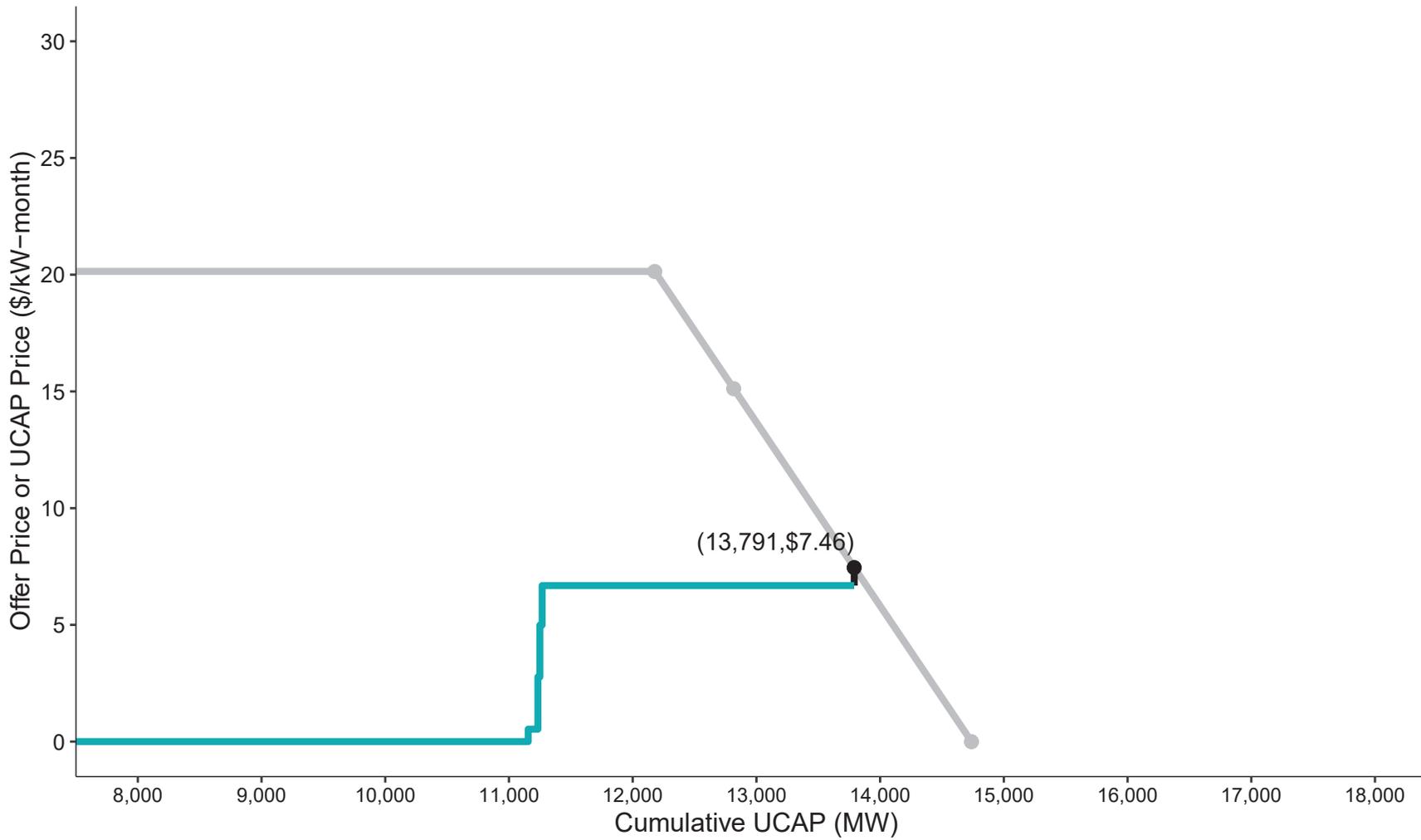
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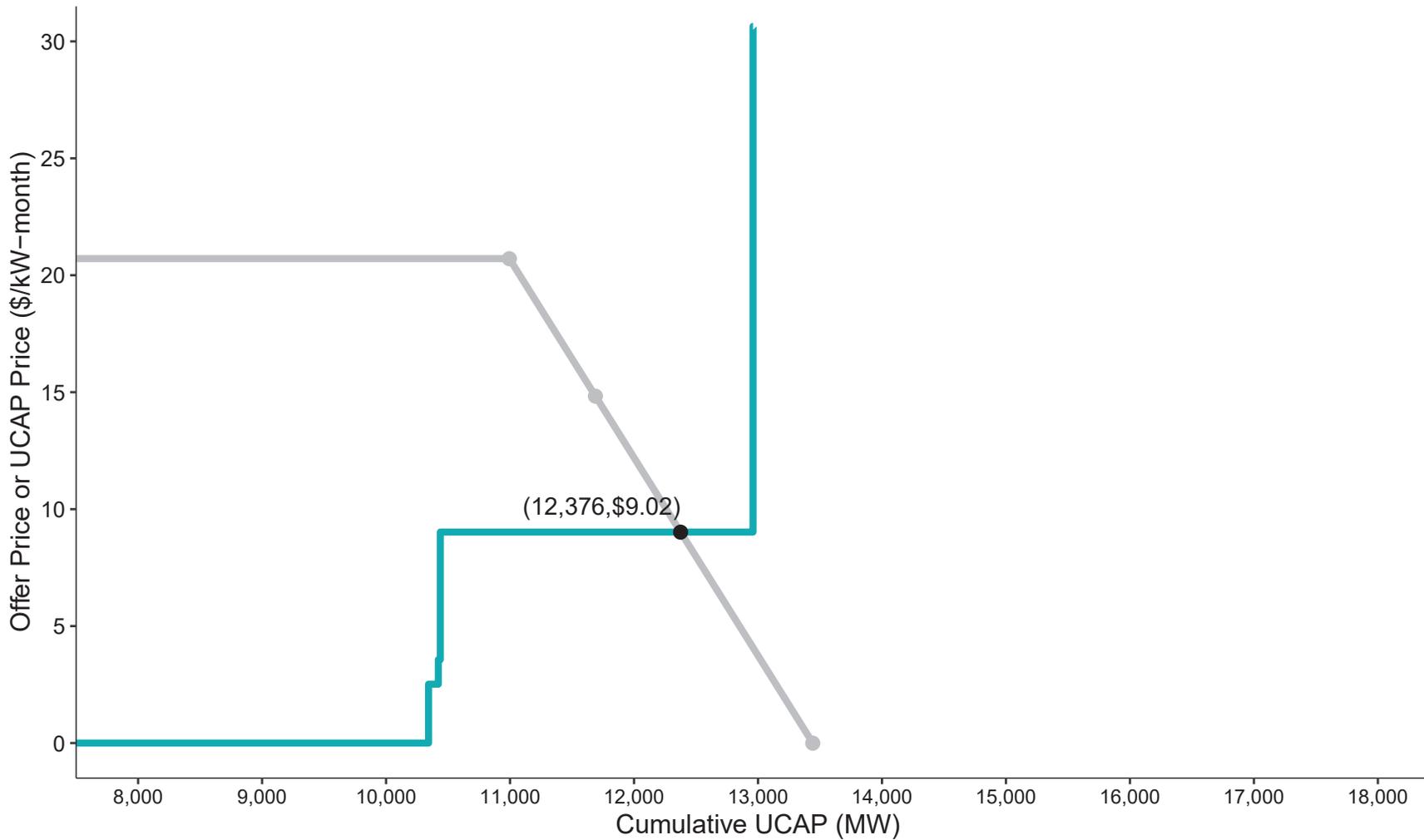
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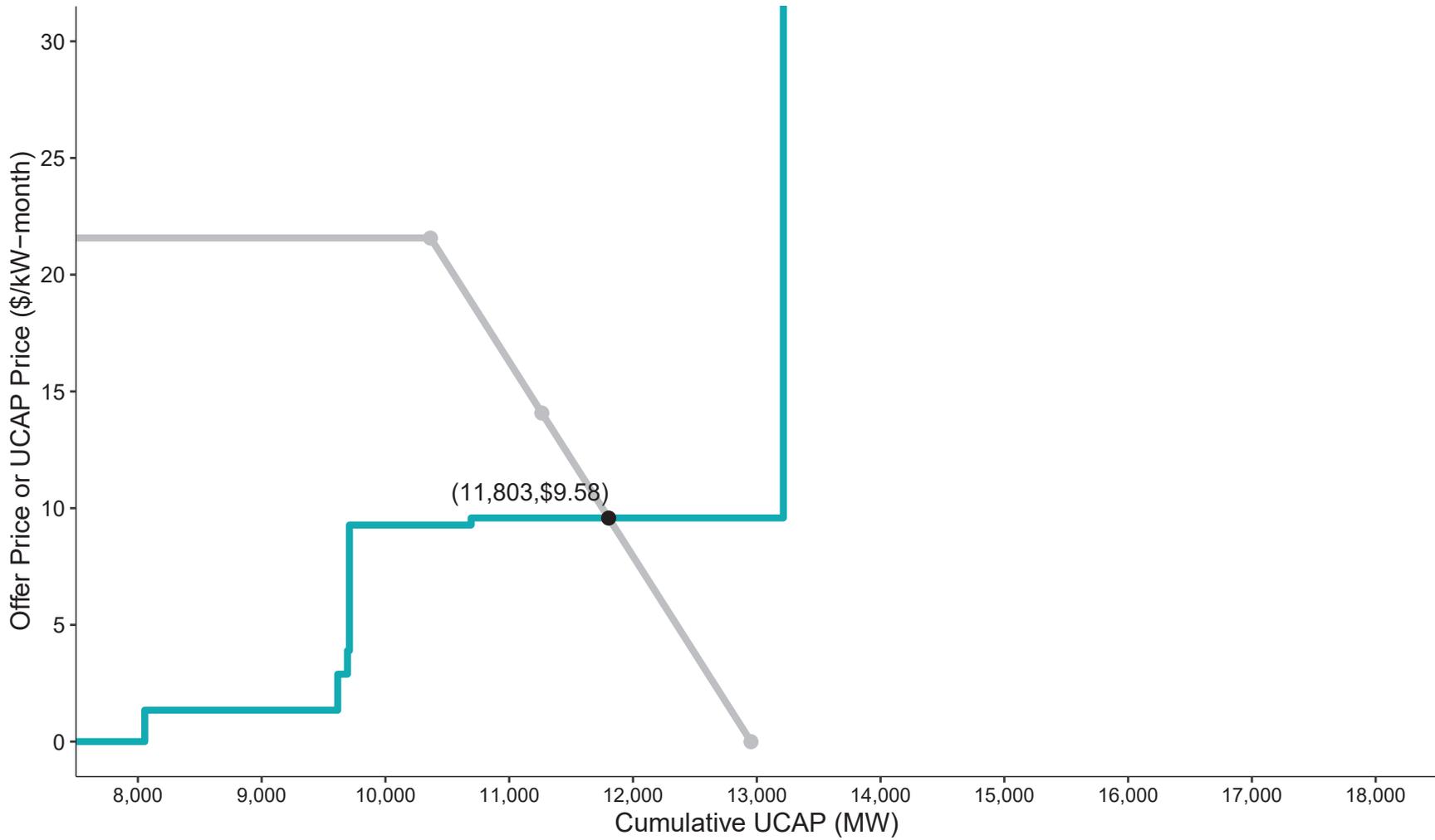
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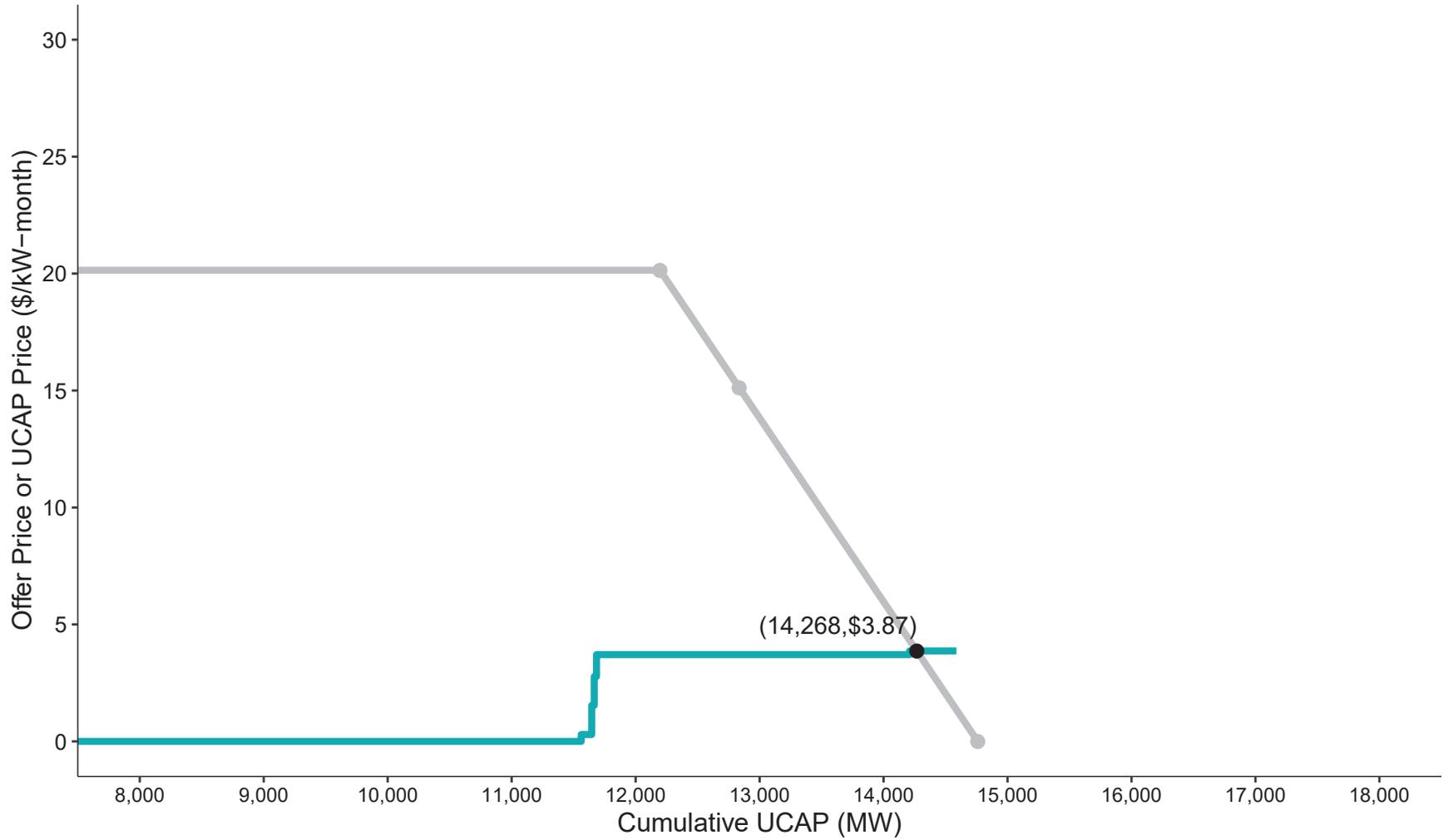
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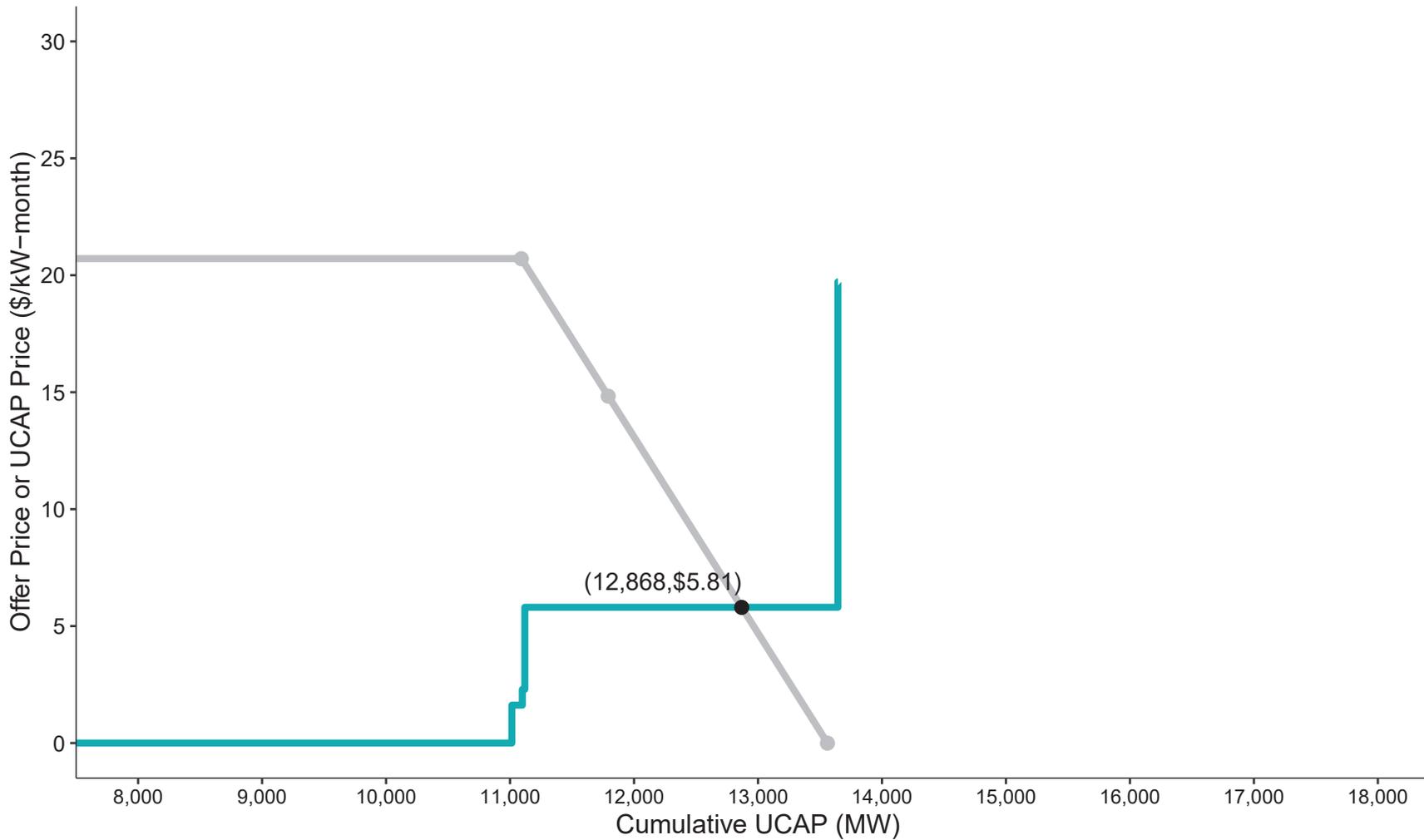
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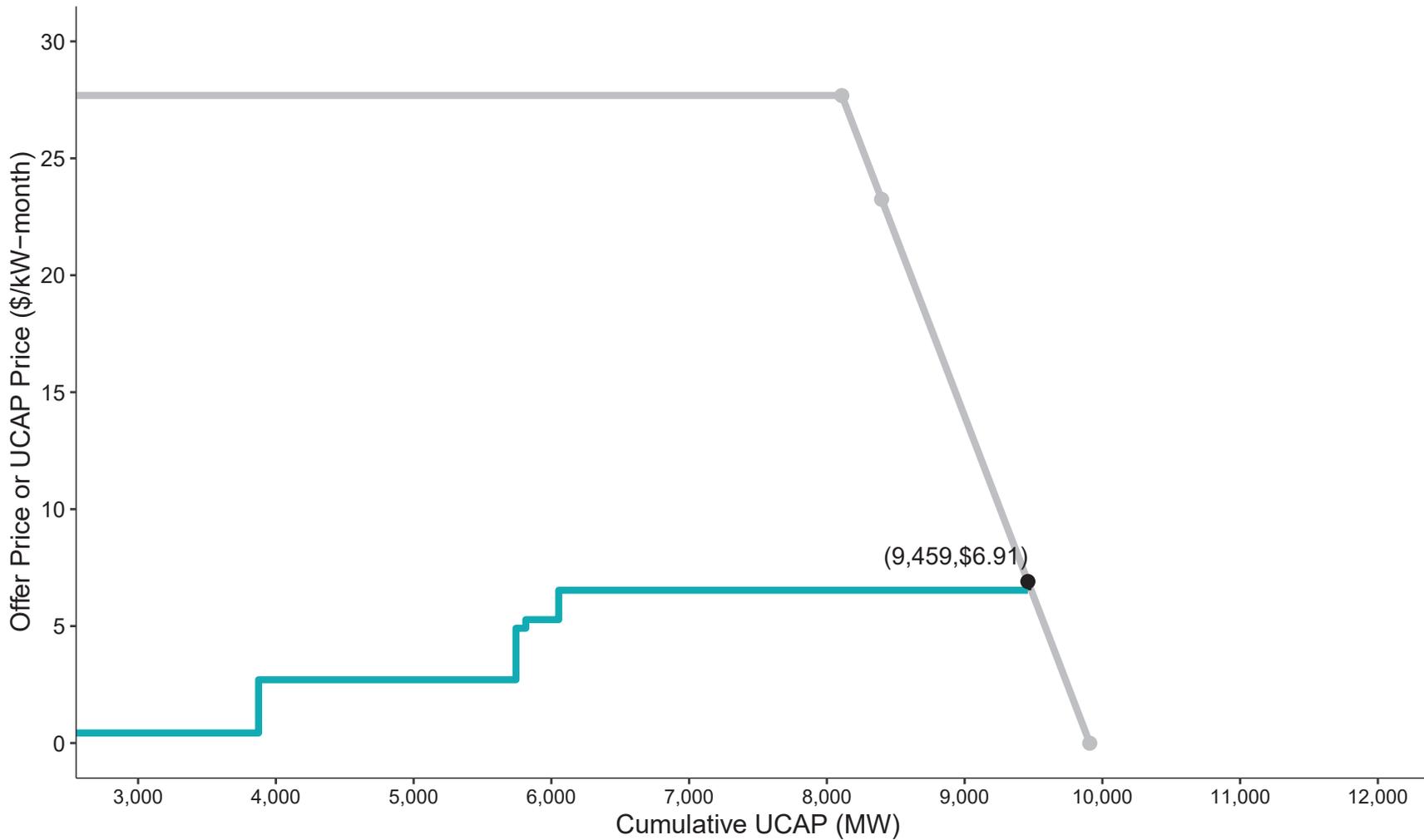
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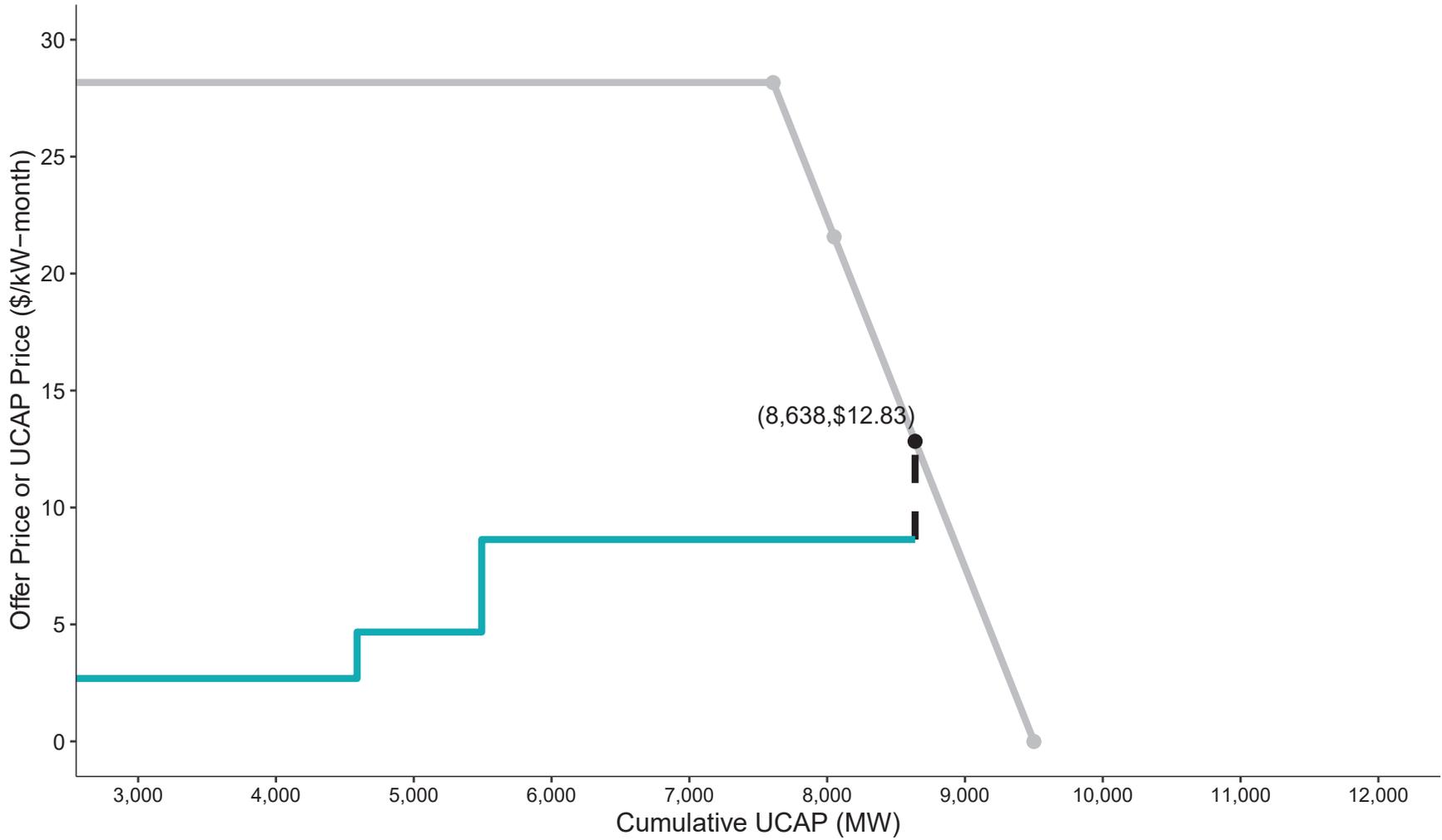
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Year: 2026
Capacity Locality: GJ
Season: Winter



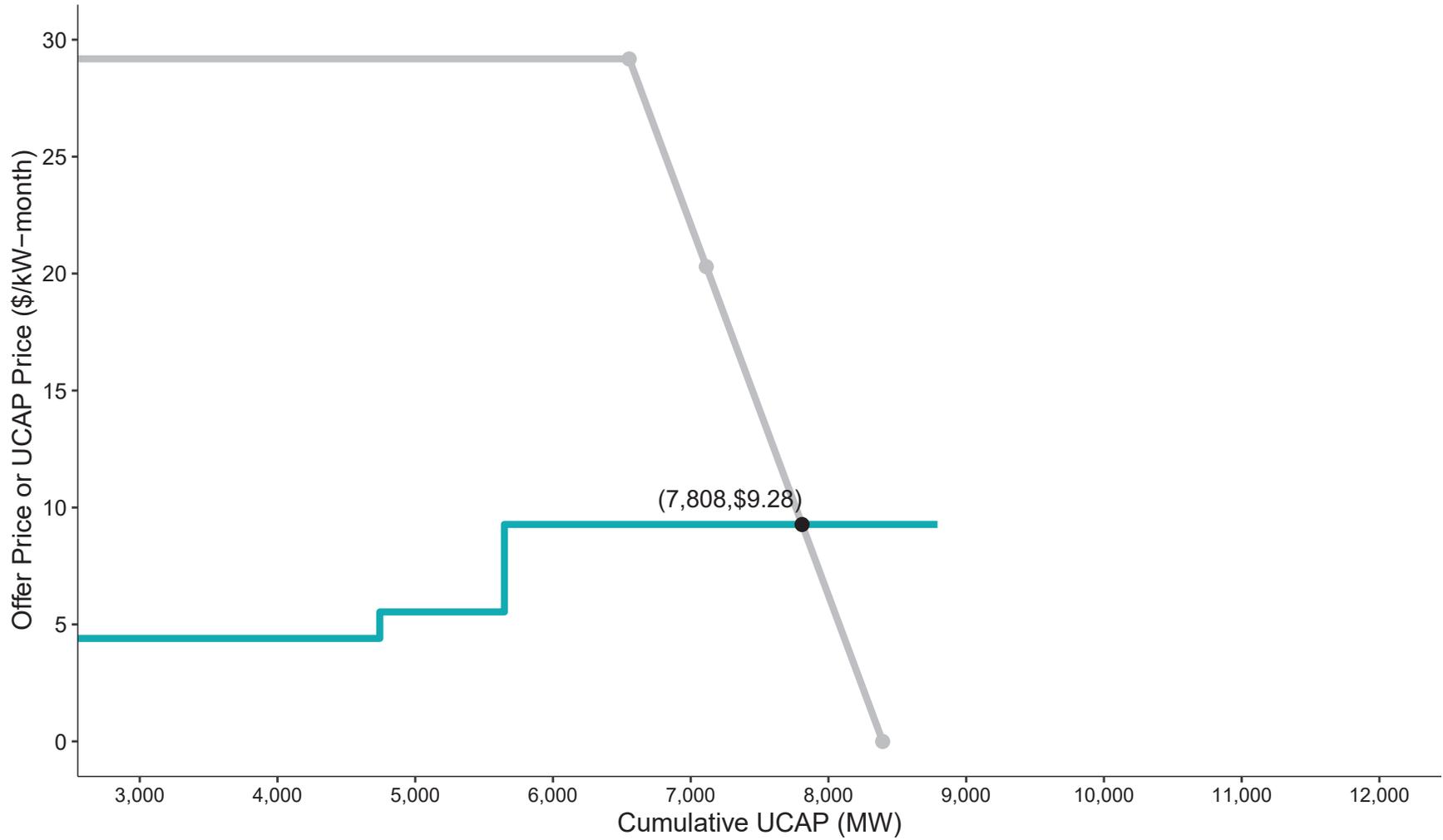
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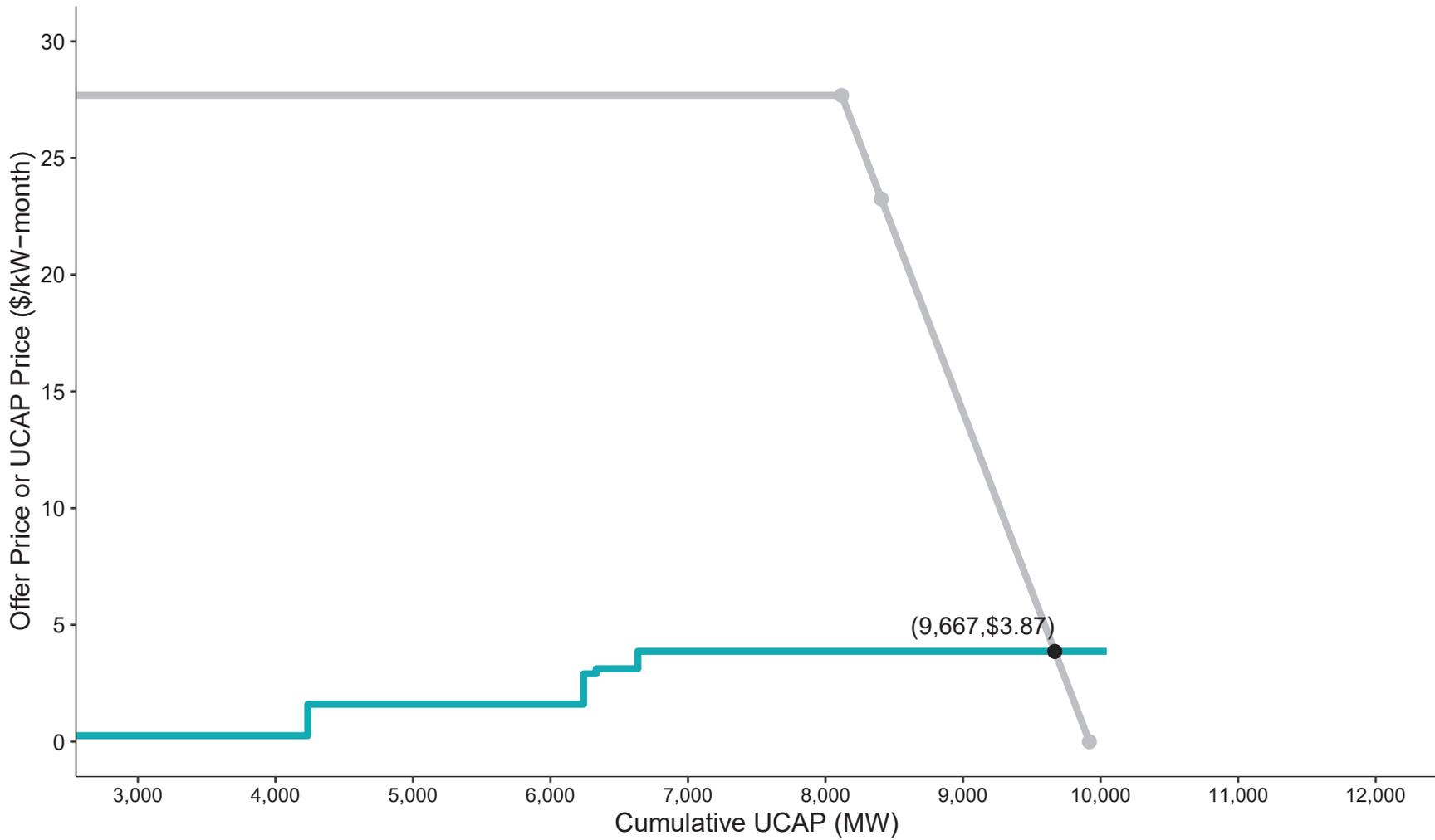
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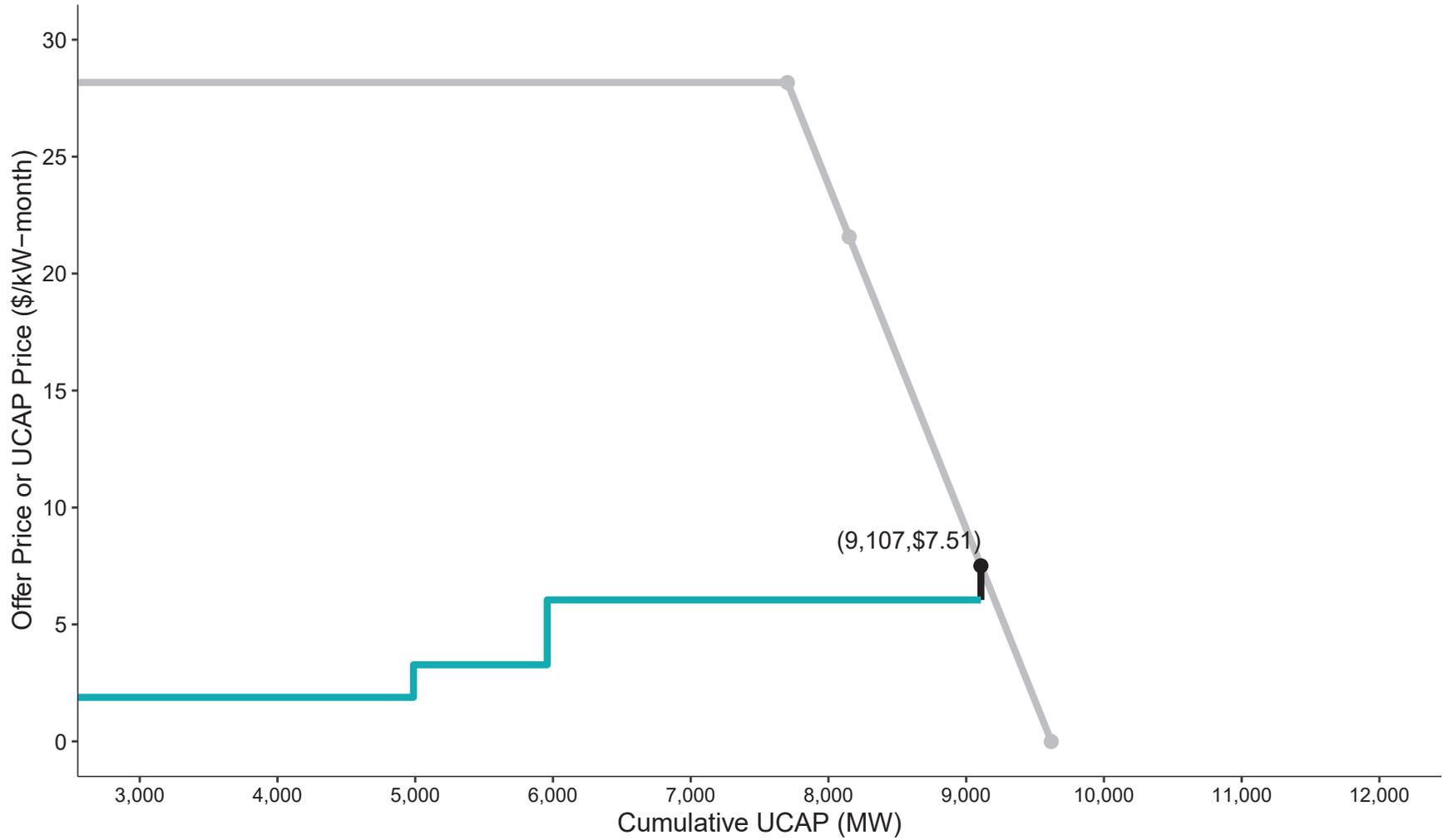
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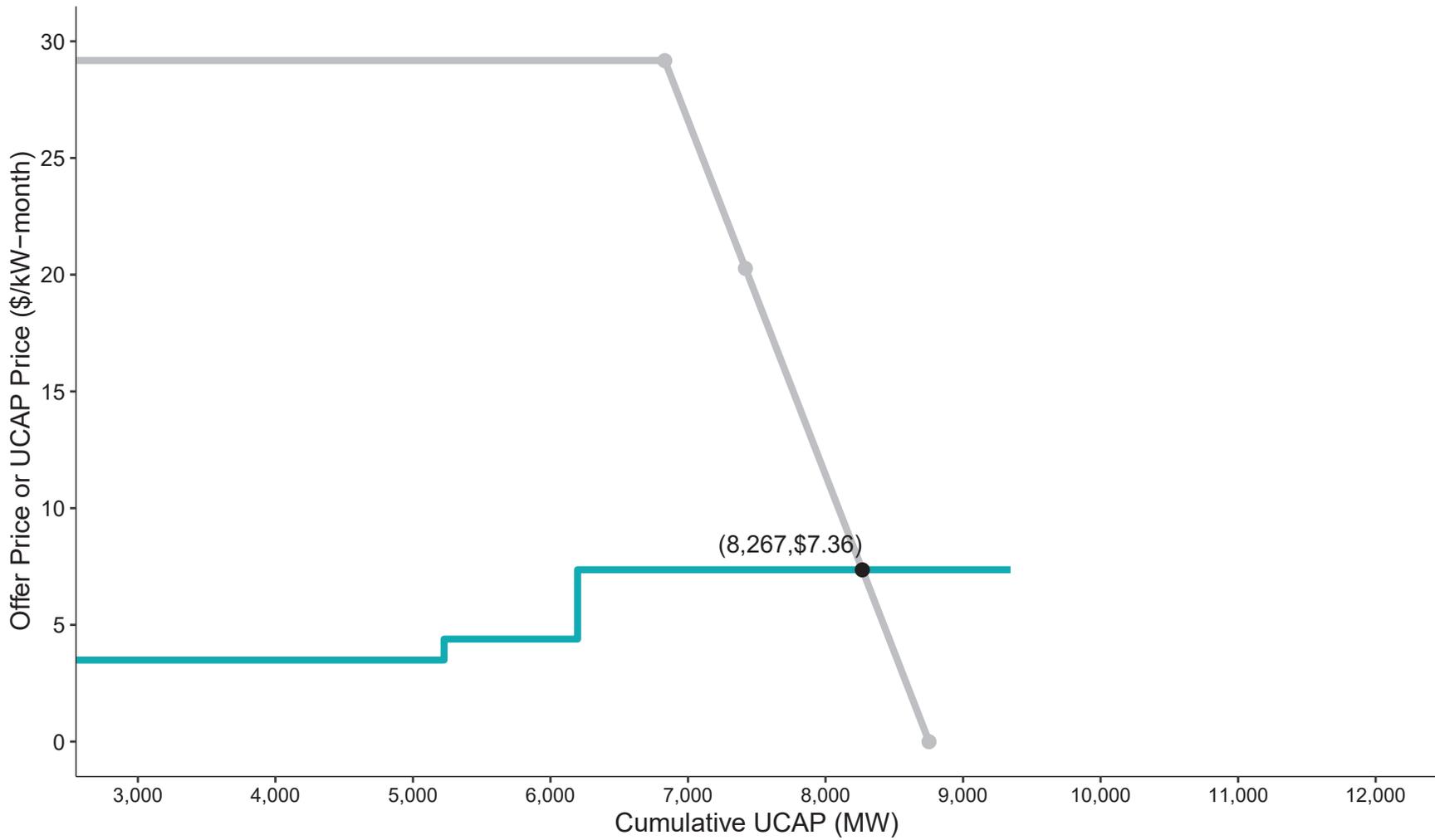
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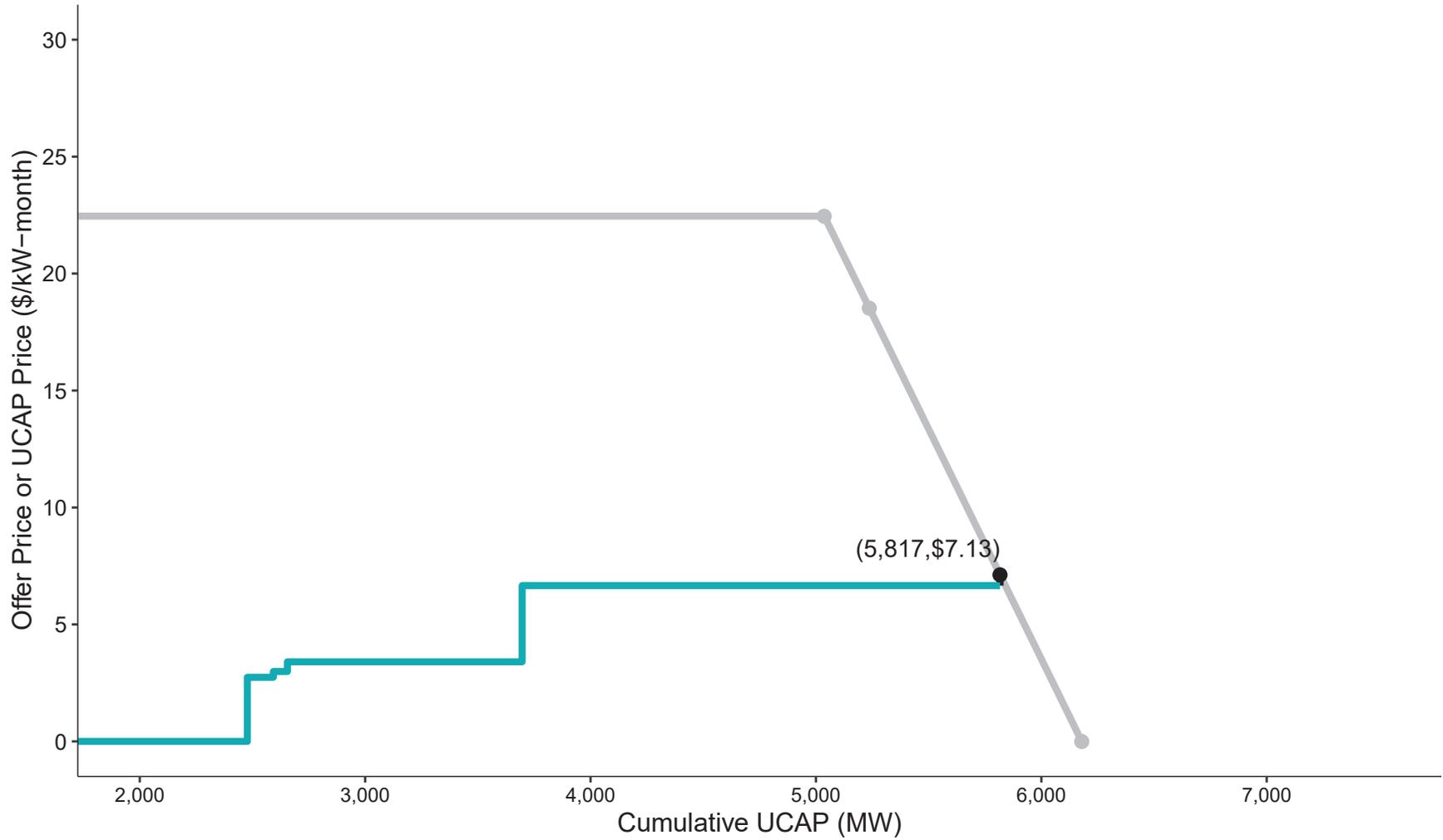
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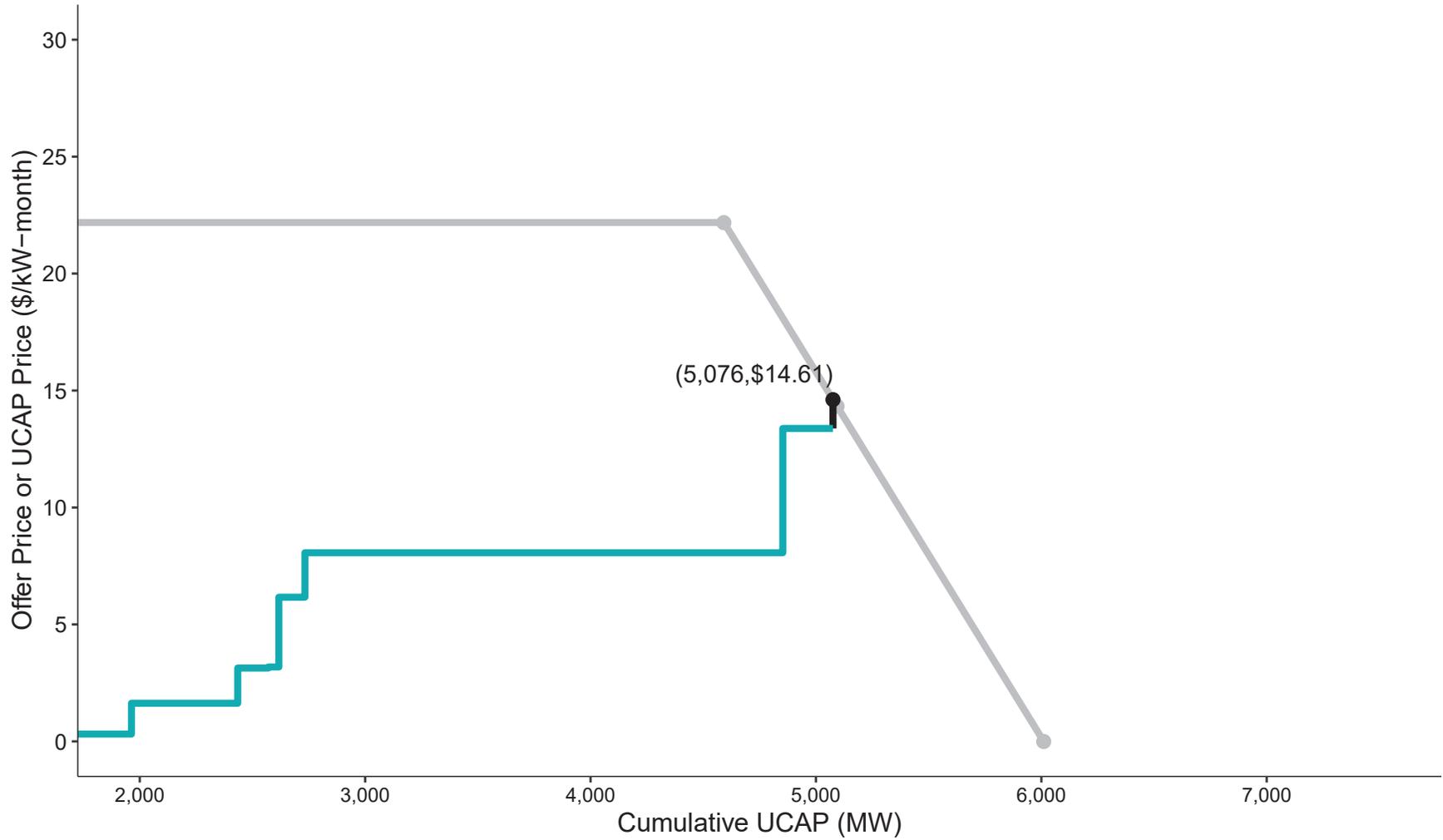
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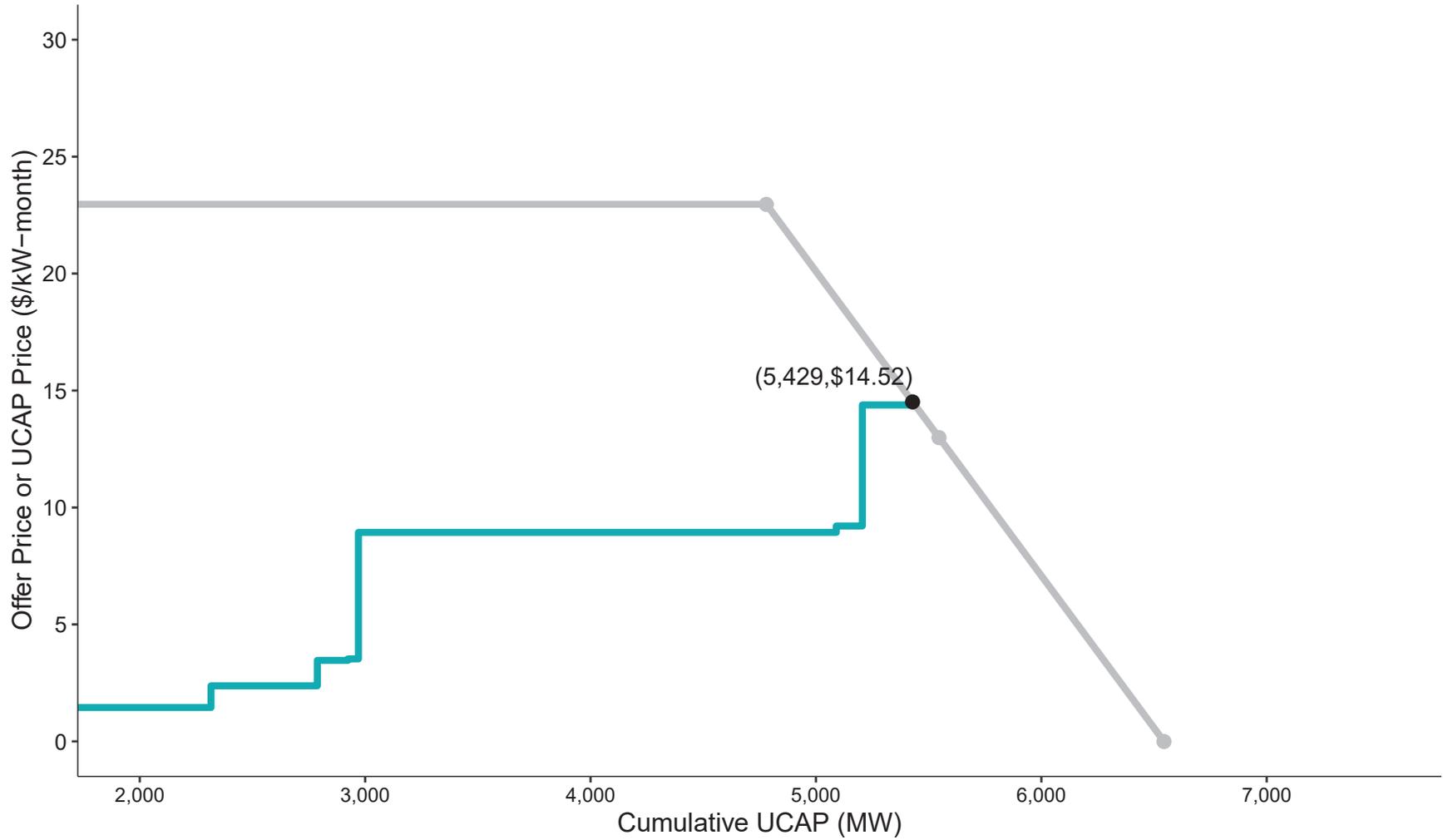
Supply and Demand Curves
Sensitivity: CPNY Transmission Addition
Year: 2022
Capacity Locality: K
Season: Summer



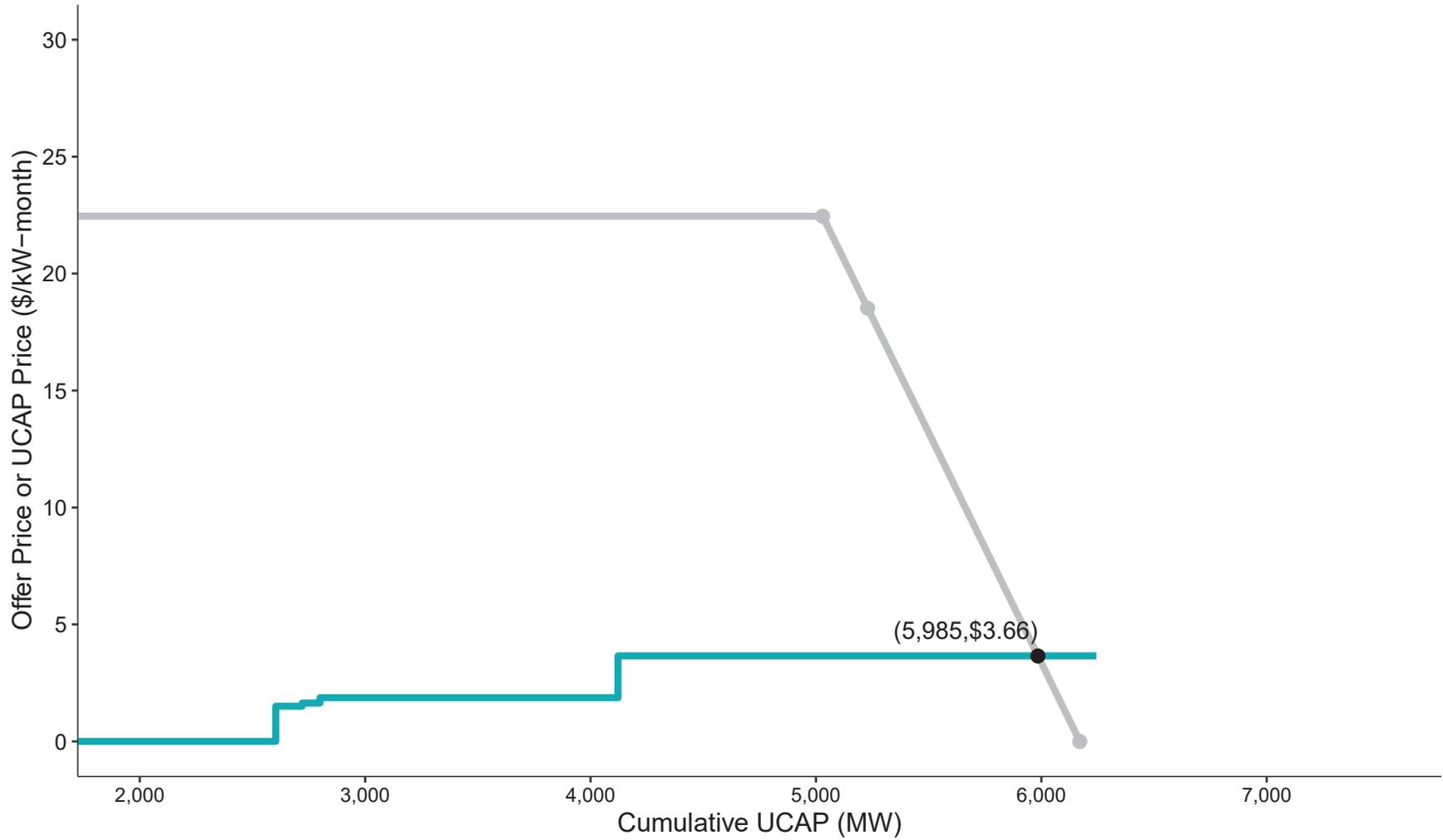
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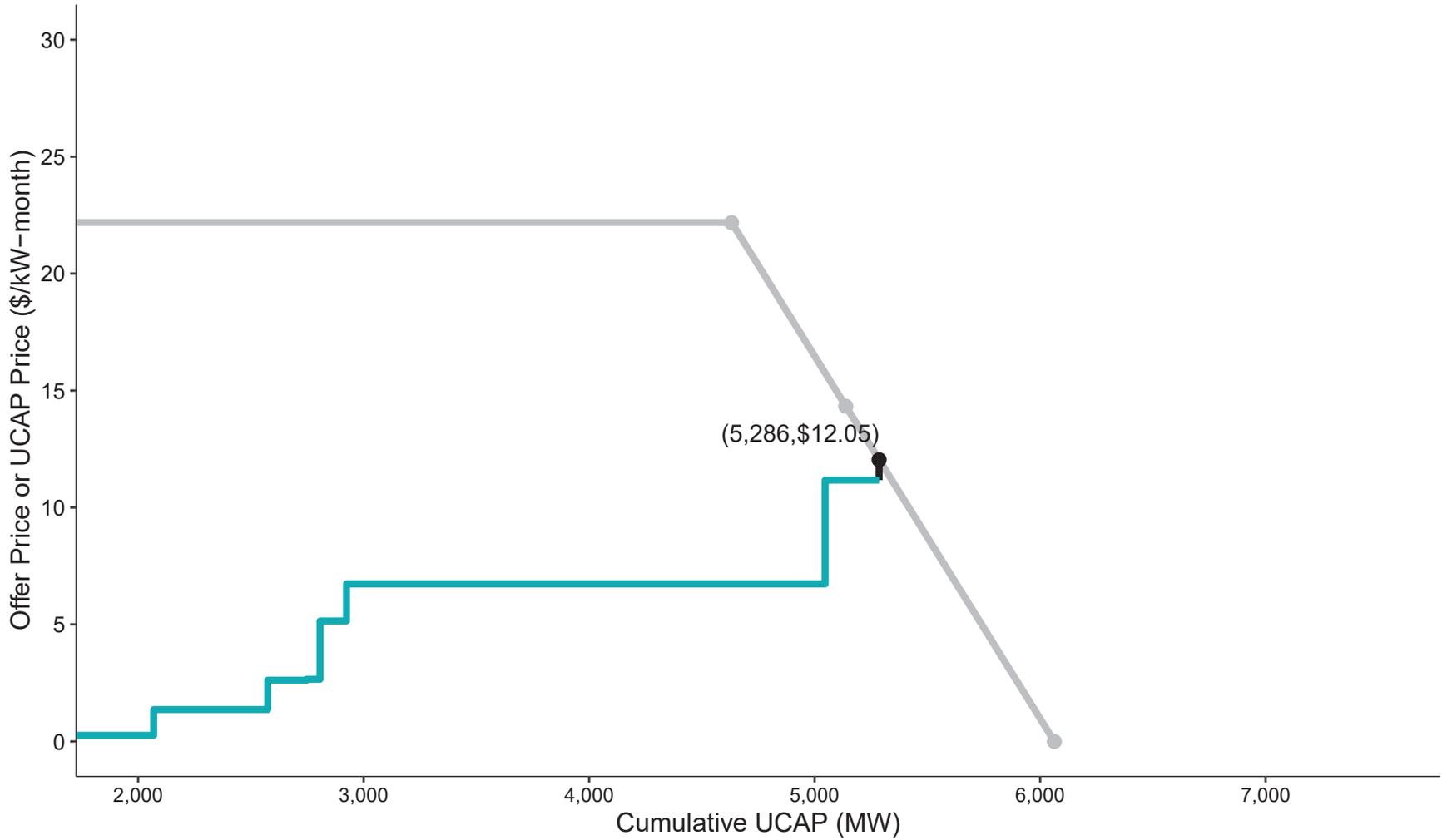
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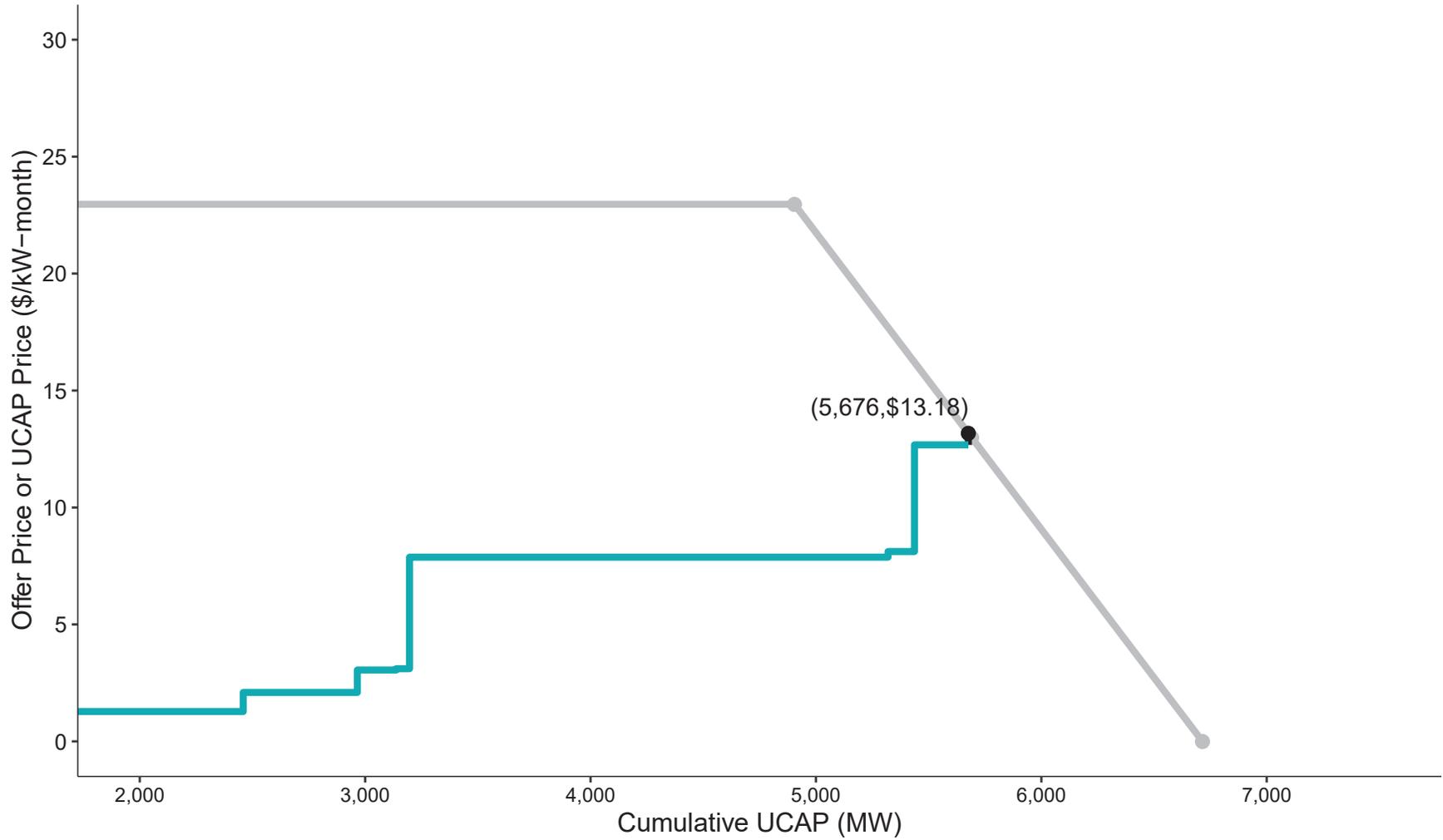
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Year: 2032
Capacity Locality: K
Season: Winter



Supply Inputs
Sensitivity: TDI and CPNY Transmission Additions

NYCA Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	26,315	24,322	23,481	21,833	23,485	21,836
Hydro	5,018	4,210	5,018	4,210	5,018	4,210
Nuclear	3,345	3,266	3,345	3,266	2,156	2,105
Onshore Wind	1,739	278	1,983	210	9,698	633
Offshore Wind	0	0	1,200	349	7,591	362
Utility-Scale Solar	56	26	5,056	942	16,669	702
Storage (2h)	592	258	2,156	816	4,264	1,266
Storage (4h)	2	2	9	7	386	229
Net Imports	973	973	973	973	973	973
SCRs	1,185	1,067	1,185	1,185	1,185	1,185
UDRs	1,042	1,042	1,042	1,042	1,042	1,042
Other Resources	2,671	2,541	2,571	2,450	3,251	3,109
TDI	0	0	1,250	1,188	1,250	1,188
Total	42,939	37,985	49,271	38,471	76,969	38,840

G-J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	14,029	12,951	12,306	11,417	12,306	11,417
Hydro	101	52	101	52	101	52
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	694	202	5,060	241
Utility-Scale Solar	0	0	0	0	944	40
Storage (2h)	1	1	1,343	509	1,436	426
Storage (4h)	0	0	4	3	158	94
Net Imports	0	0	0	0	0	0
SCRs	523	470	523	523	523	523
UDRs	299	299	299	299	299	299
Other Resources	19	18	75	72	339	328
TDI	0	0	1,250	1,188	1,250	1,188
Total	14,972	13,791	16,595	14,264	22,415	14,607

Supply Inputs
Sensitivity: TDI and CPNY Transmission Additions

J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	9,519	8,775	7,796	7,241	7,796	7,240
Hydro	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	694	202	5,060	241
Utility-Scale Solar	0	0	0	0	0	0
Storage (2h)	1	0	1,342	508	1,433	425
Storage (4h)	0	0	4	3	157	93
Net Imports	0	0	0	0	0	0
SCRs	428	385	428	428	428	428
UDRs	299	299	299	299	299	299
Other Resources	0	0	54	52	239	232
TDI	0	0	1,250	1,188	1,250	1,188
Total	10,247	9,459	11,868	9,921	16,662	10,147

K Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	5,148	4,636	4,037	3,681	4,037	3,681
Hydro	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	506	147	2,531	121
Utility-Scale Solar	56	26	56	11	56	2
Storage (2h)	589	257	812	307	1,378	409
Storage (4h)	2	1	4	3	223	132
Net Imports	0	0	0	0	0	0
SCRs	43	39	43	43	43	43
UDRs	743	743	743	743	743	743
Other Resources	121	115	157	150	326	314
TDI	0	0	0	0	0	0
Total	6,703	5,818	6,357	5,085	9,336	5,445

Demand Inputs
Sensitivity: TDI and CPNY Transmission Additions

UCAP Reference Point Price (\$/kW-mo)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	\$9.43	\$8.87	\$8.72	\$9.43	\$8.87	\$8.72
G-J Locality	\$15.12	\$14.84	\$14.08	\$15.12	\$14.84	\$14.07
NYC (J)	\$23.25	\$21.58	\$20.30	\$23.25	\$21.58	\$20.28
LI (K)	\$18.53	\$14.33	\$12.99	\$18.53	\$14.33	\$12.99

UCAP/ICAP Translation Factors (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	12.4%	24.4%	53.2%	11.3%	24.8%	52.8%
G-J Locality	8.0%	15.6%	38.1%	7.8%	14.9%	36.5%
NYC (J)	7.8%	19.1%	43.9%	7.7%	18.0%	41.9%
LI (K)	14.9%	22.8%	45.5%	15.0%	22.2%	44.1%

UCAP Capacity Requirement (MW)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	34,429	33,284	34,666	34,835	33,122	34,988
G-J Locality	12,816	11,689	11,264	12,835	11,792	11,575
NYC (J)	8,397	8,051	7,113	8,405	8,151	7,417
LI (K)	5,237	5,094	5,546	5,229	5,138	5,691

UCAP Reserve Margin (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	107.9%	104.9%	97.9%	109.1%	104.4%	98.8%
G-J Locality	85.7%	79.2%	69.2%	85.9%	79.9%	71.1%
NYC (J)	77.8%	75.8%	60.9%	77.9%	76.7%	63.5%
LI (K)	96.9%	93.9%	88.1%	96.7%	94.7%	90.4%

IRM/LCR (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	123.1%	138.9%	209.2%	123.1%	138.9%	209.2%
G-J Locality	93.2%	93.9%	111.7%	93.2%	93.9%	112.0%
NYC (J)	84.4%	93.6%	108.7%	84.4%	93.6%	109.3%
LI (K)	113.8%	121.7%	161.6%	113.8%	121.7%	161.6%

Outputs
Sensitivity: TDI and CPNY Transmission Additions

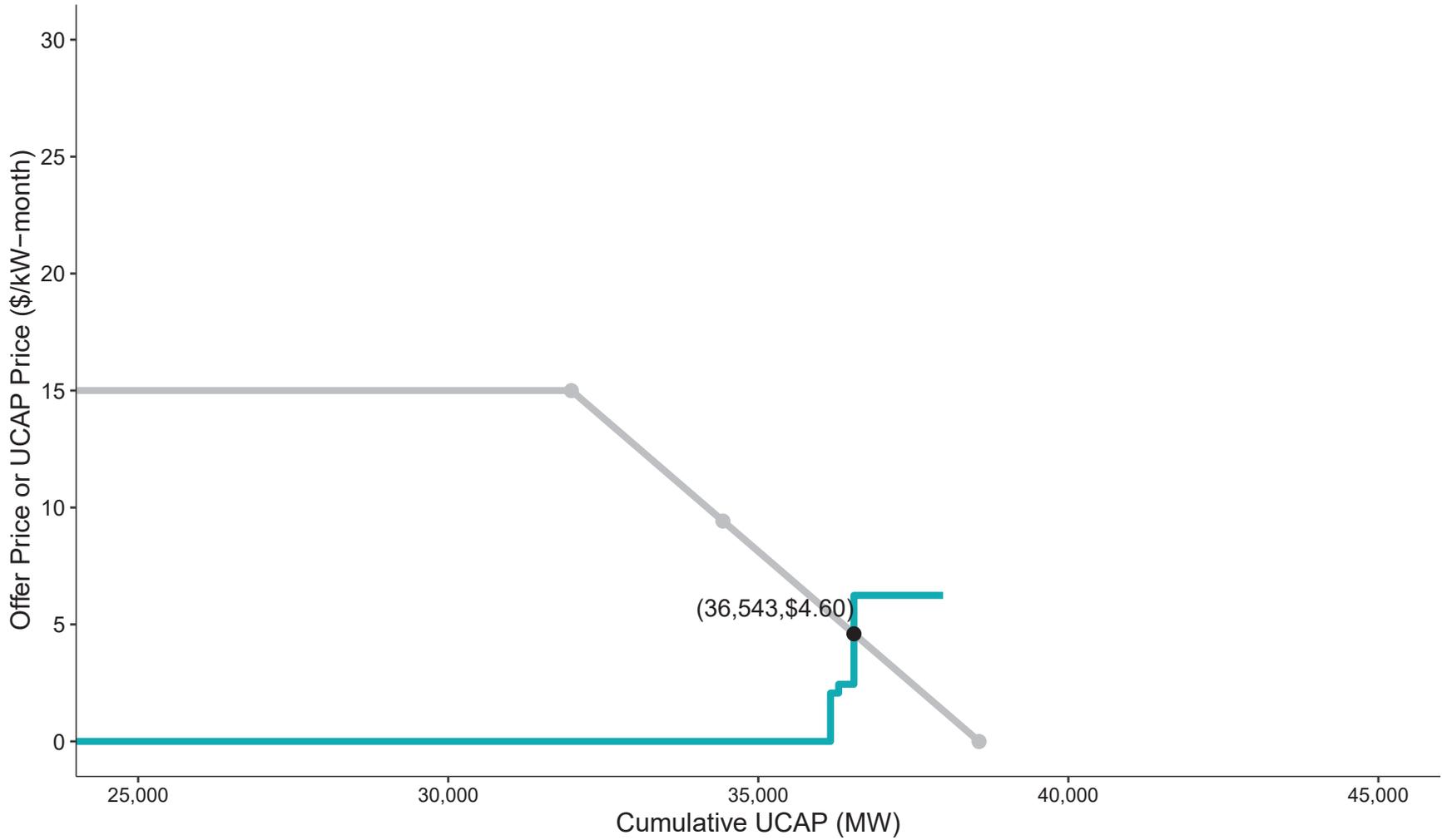
Clearing Prices (\$/kW-mo)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	\$4.60	\$5.07	\$7.81	\$3.33	\$4.23	\$6.40
G-J Locality	\$7.46	\$9.02	\$9.28	\$3.87	\$5.81	\$7.09
NYC (J)	\$7.46	\$9.02	\$9.28	\$3.87	\$6.05	\$7.36
LI (K)	\$7.13	\$14.61	\$14.52	\$3.66	\$12.05	\$13.18

Clearing UCAP Quantities (MW)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	36,543	34,996	35,102	37,540	35,200	36,103
G-J Locality	13,791	12,376	11,840	14,268	12,868	12,435
NYC (J)	9,459	8,920	7,808	9,667	9,207	8,267
LI (K)	5,817	5,076	5,429	5,985	5,286	5,676

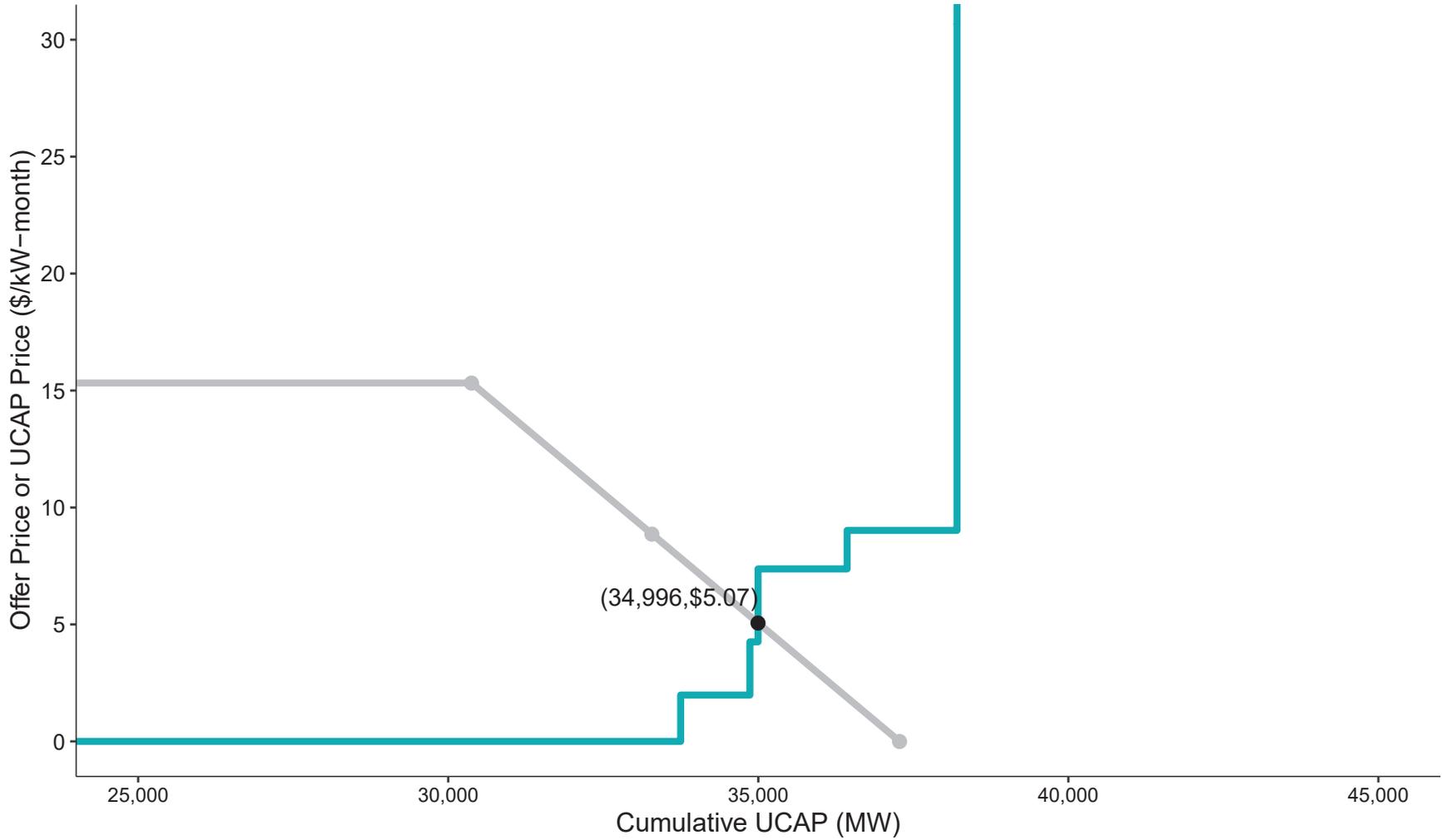
Note:

[1] Supply and Demand Curves show “unadjusted” clearing prices. The final clearing price in each capacity locality is the highest price for which capacity segments in that locality are eligible.

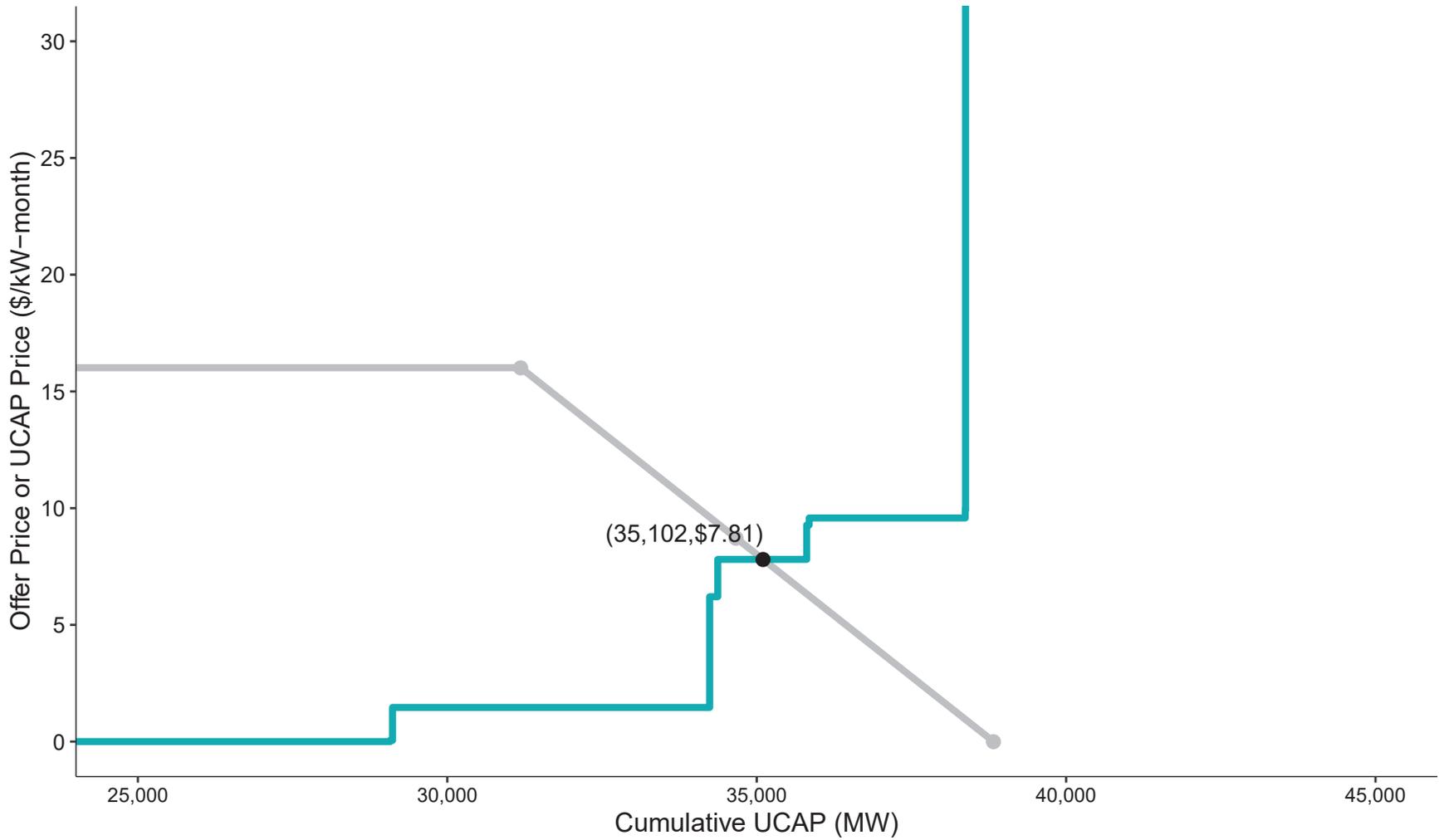
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2022
Capacity Locality: NYCA
Season: Summer



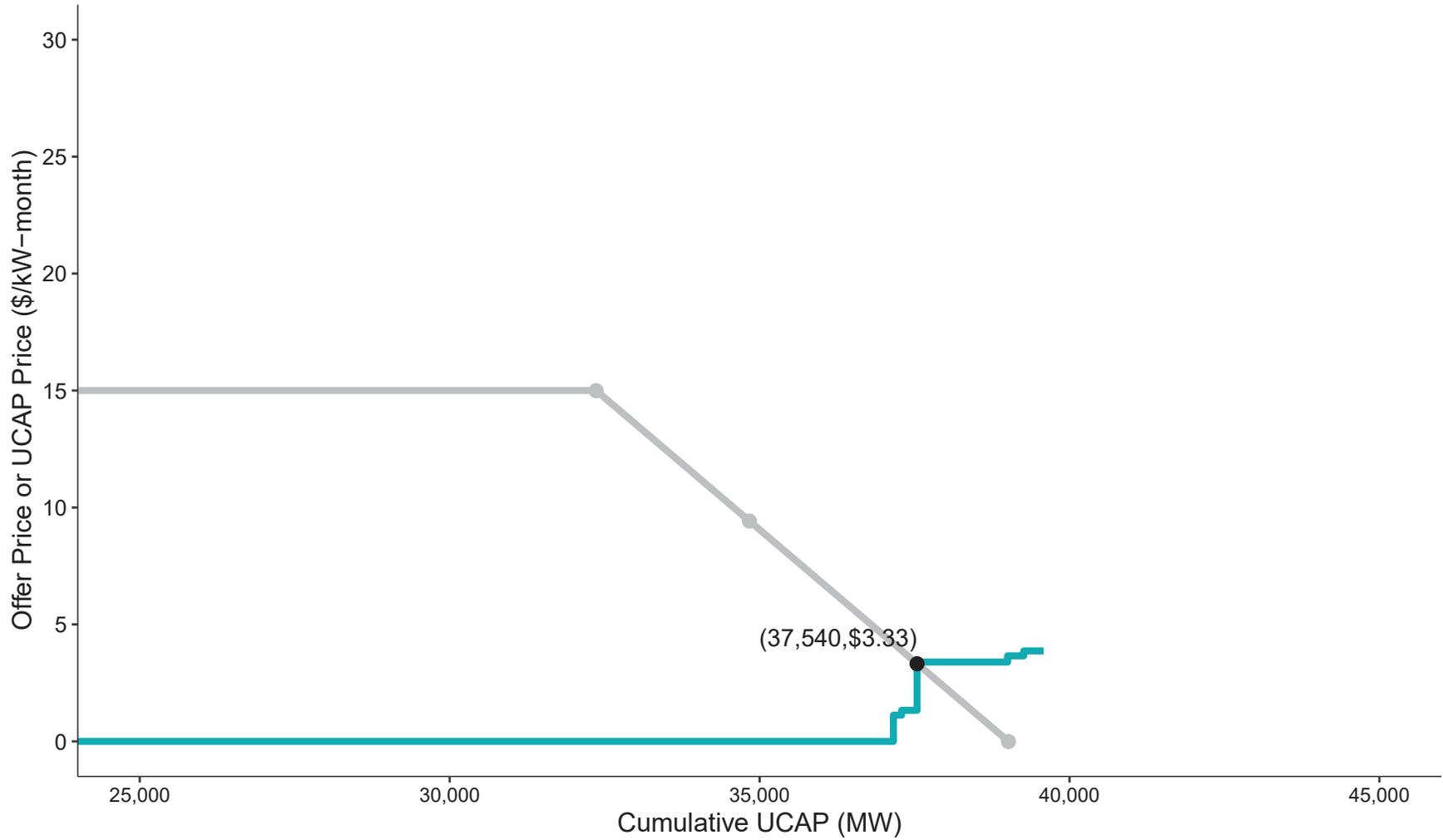
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2026
Capacity Locality: NYCA
Season: Summer



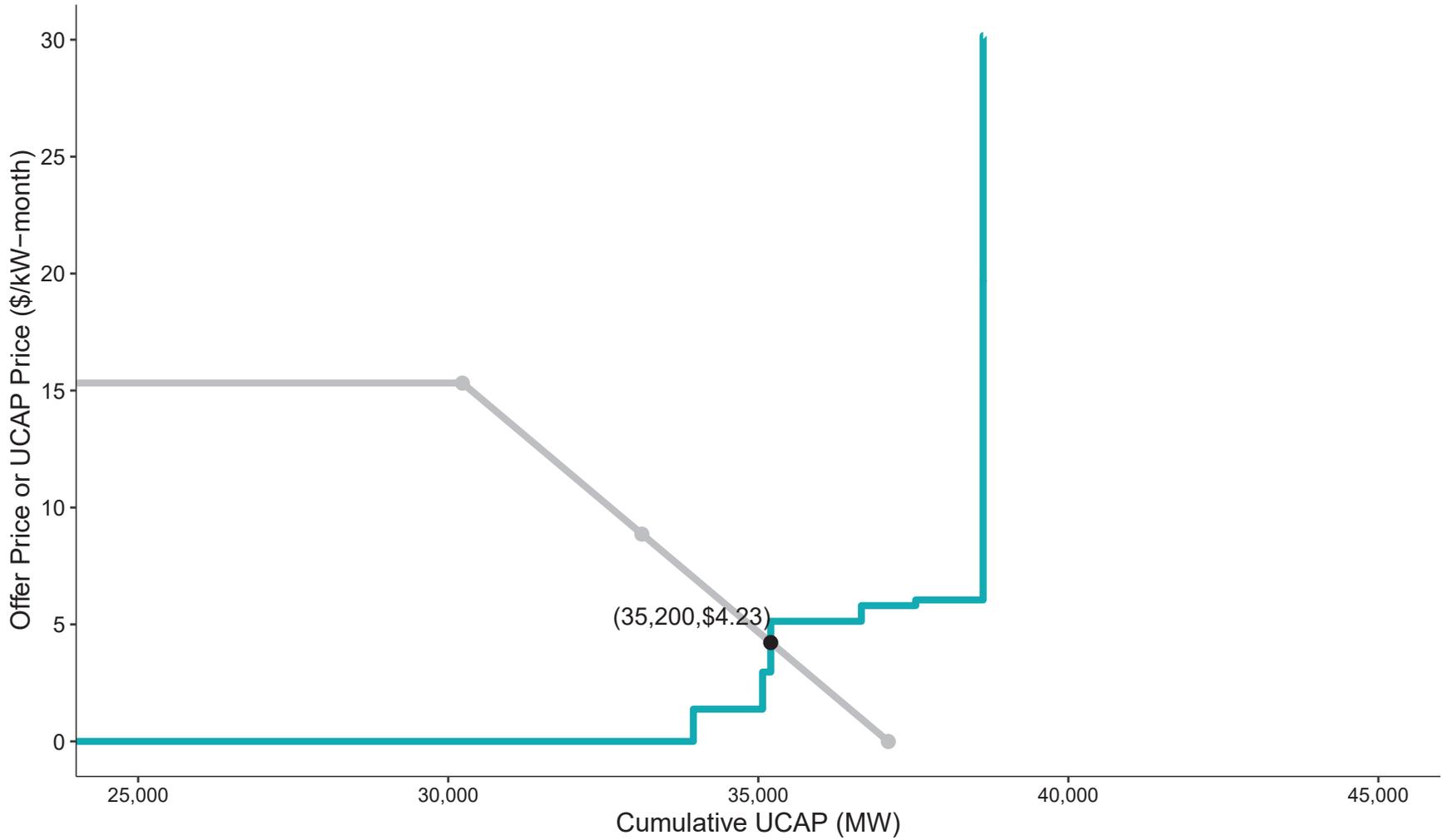
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2032
Capacity Locality: NYCA
Season: Summer



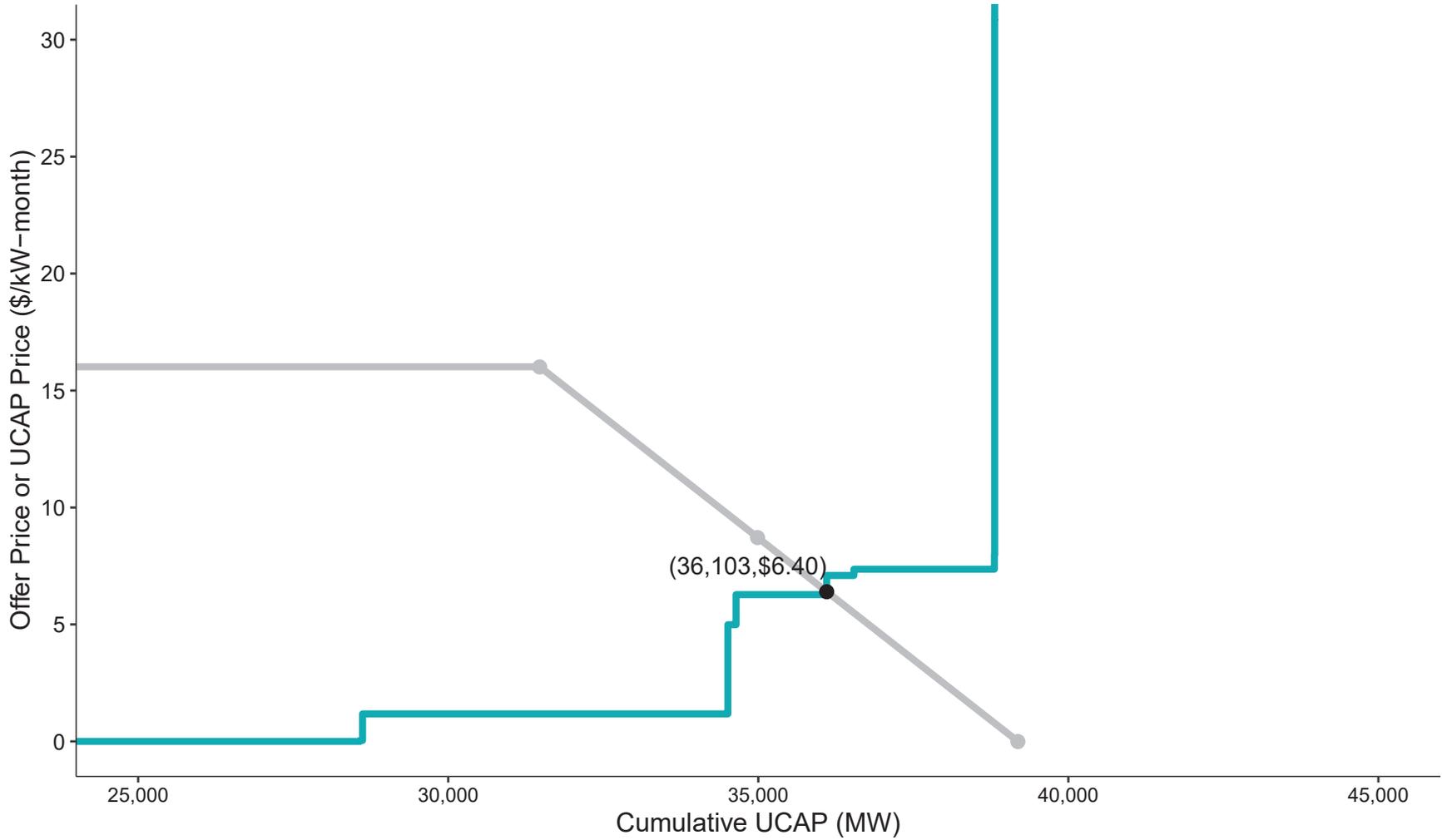
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2022
Capacity Locality: NYCA
Season: Winter



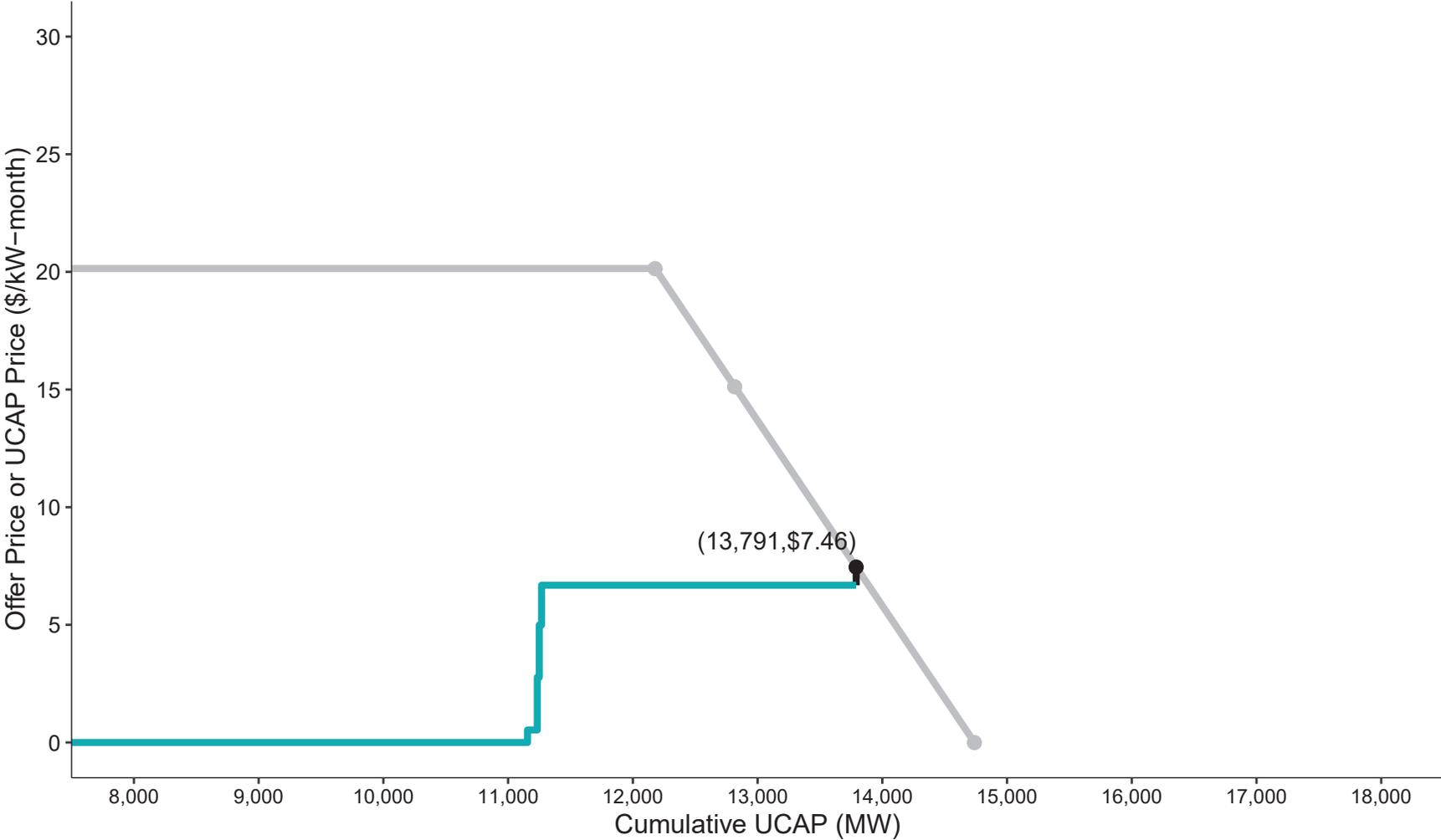
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2026
Capacity Locality: NYCA
Season: Winter



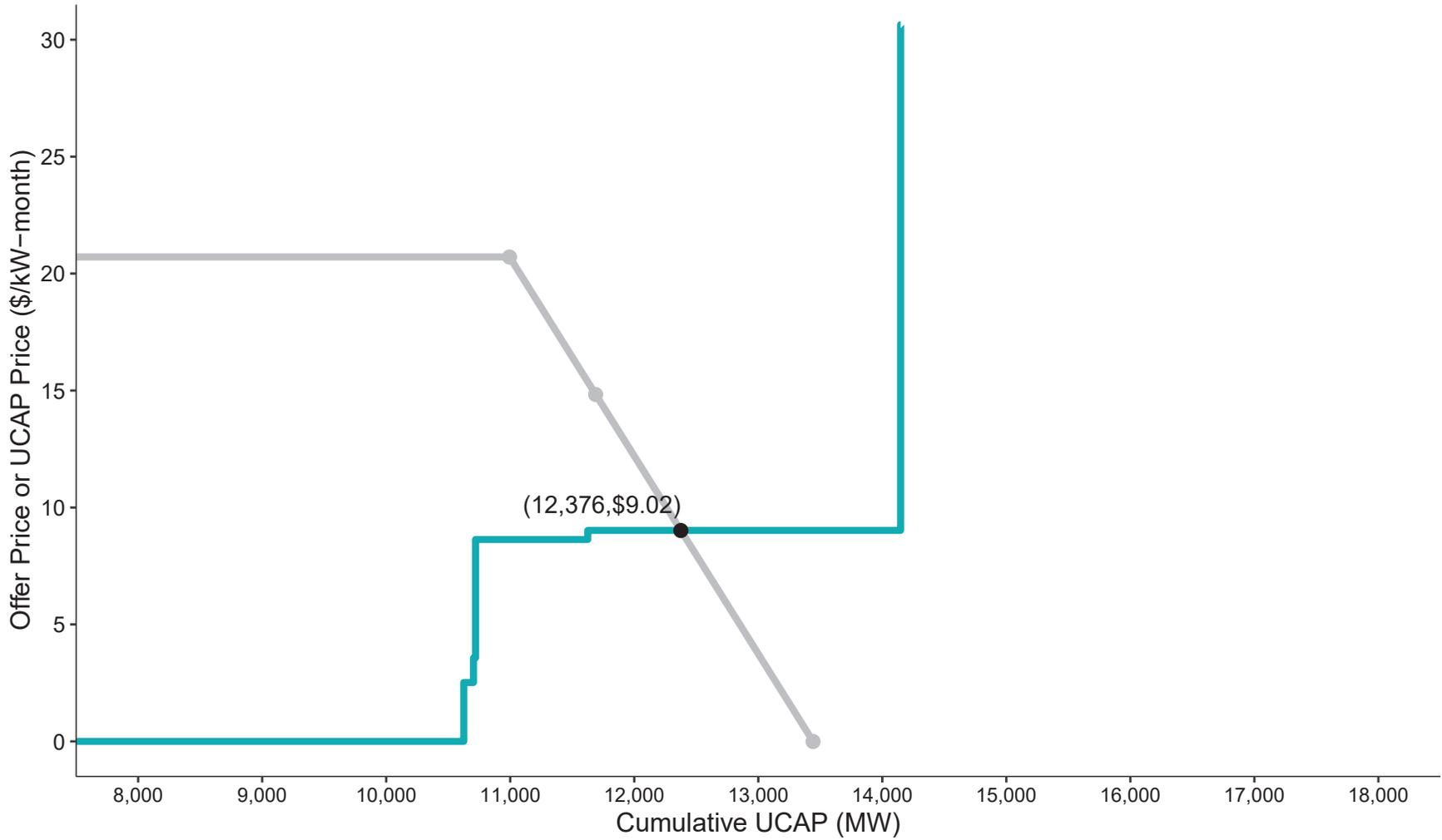
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2032
Capacity Locality: NYCA
Season: Winter



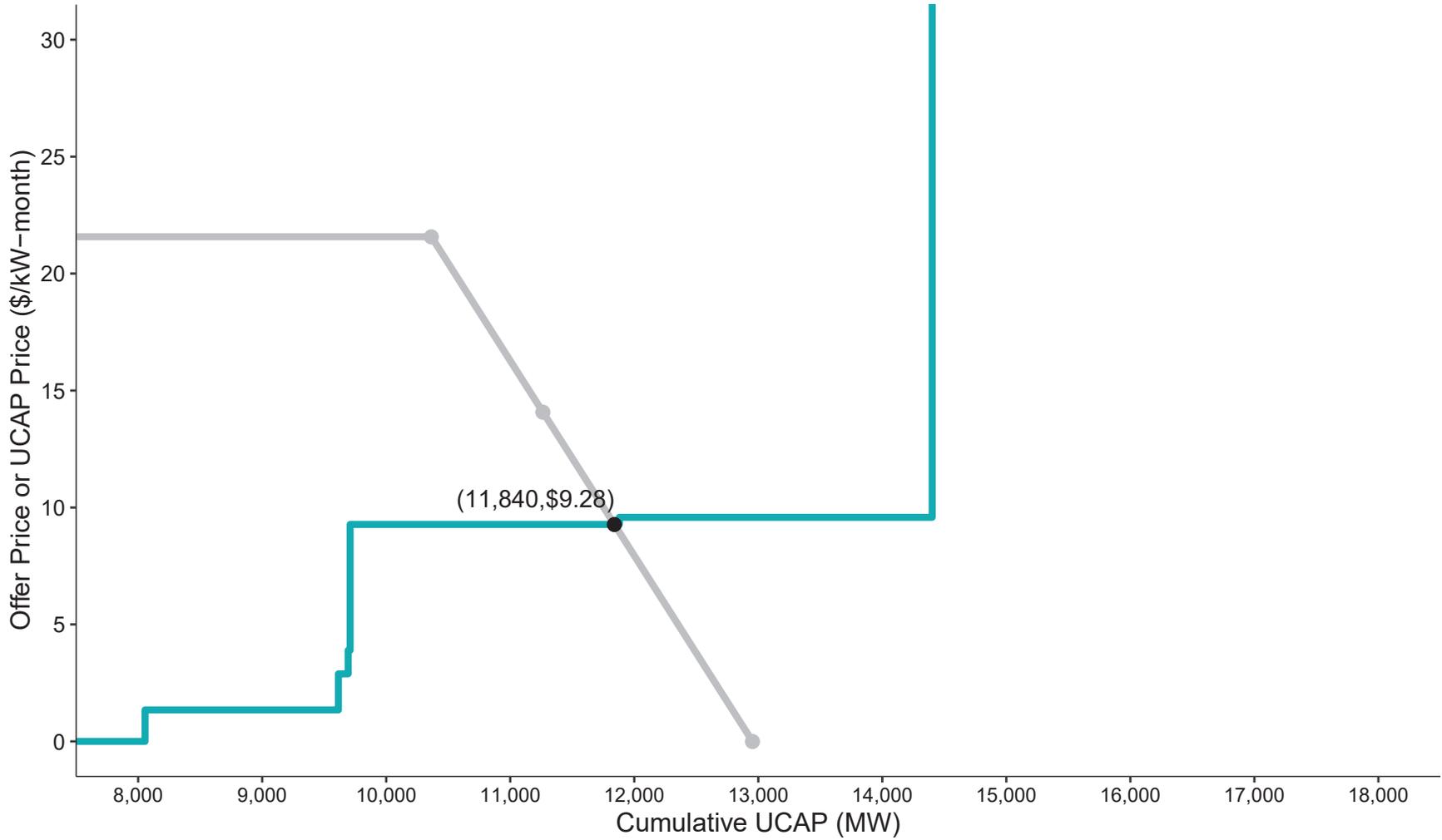
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2022
Capacity Locality: GJ
Season: Summer



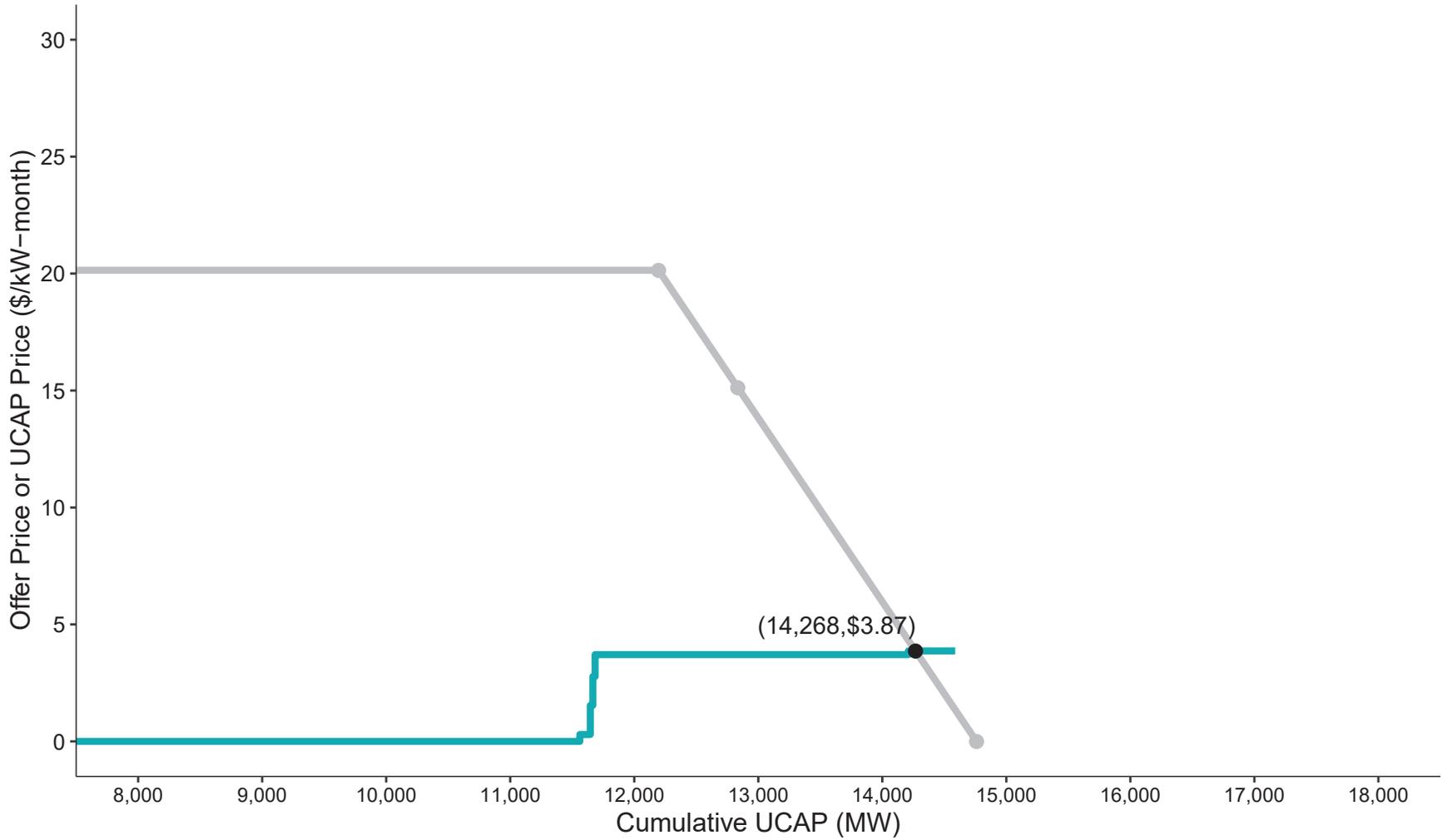
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2026
Capacity Locality: GJ
Season: Summer



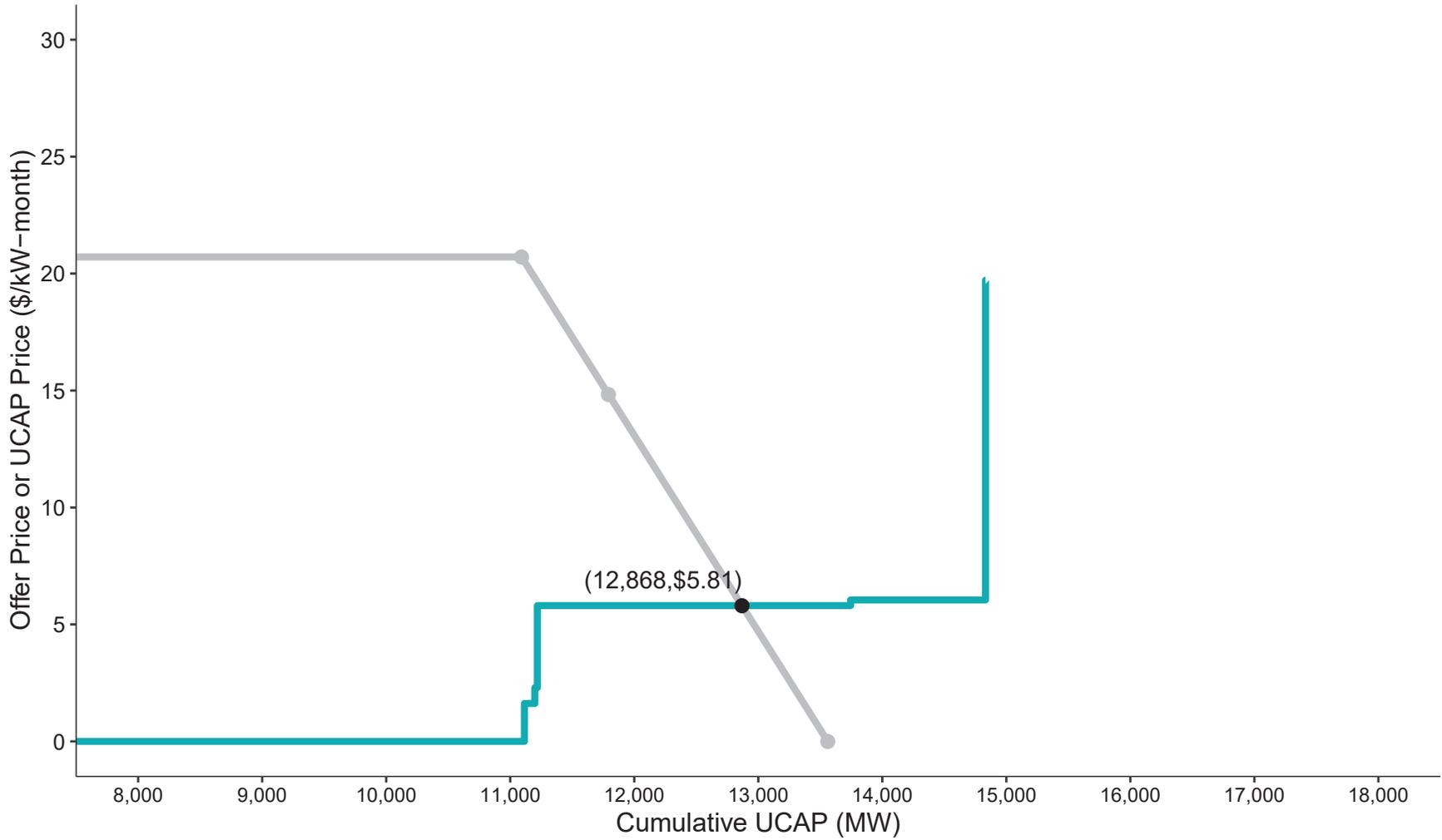
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2032
Capacity Locality: GJ
Season: Summer



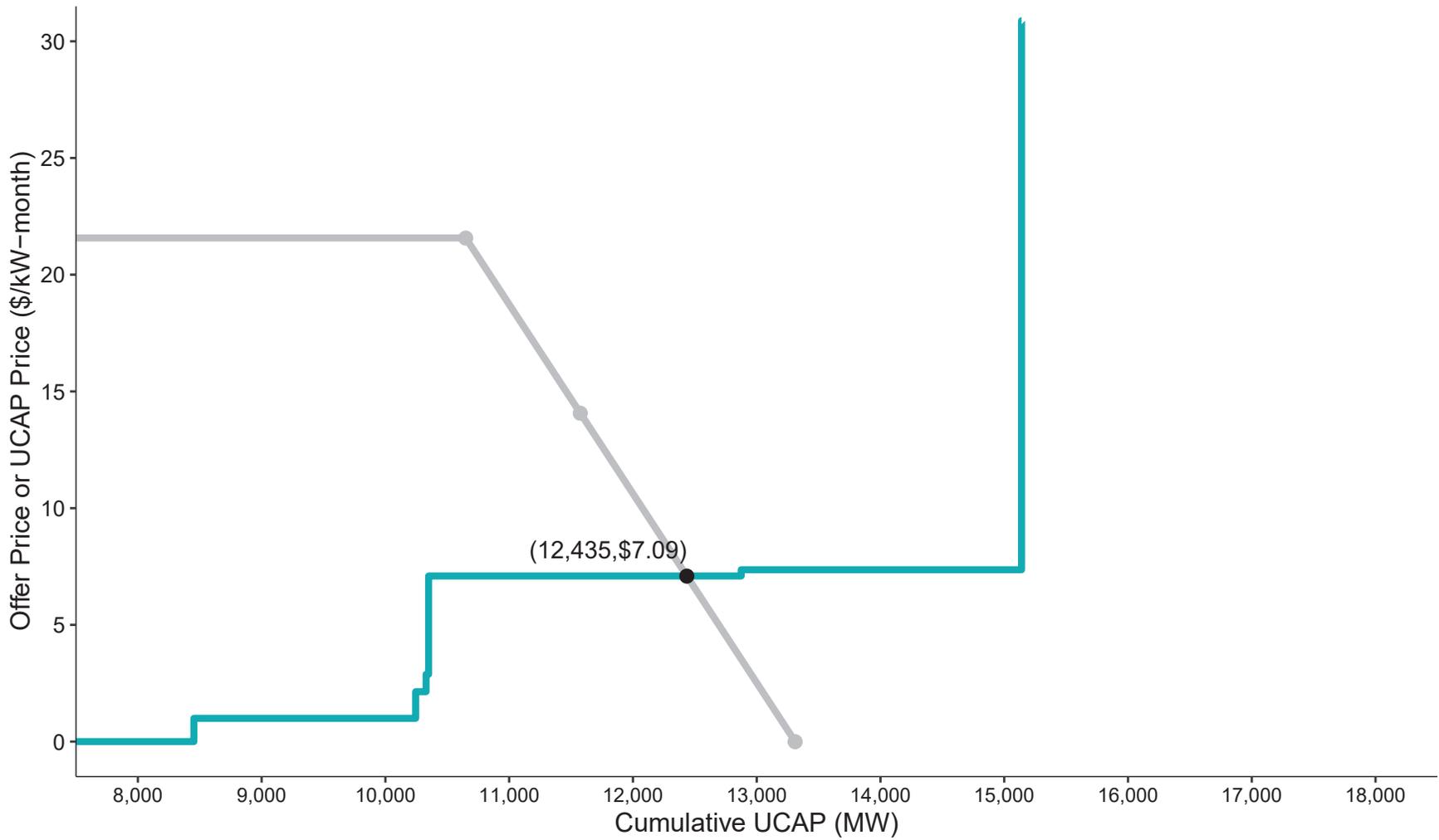
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2022
Capacity Locality: GJ
Season: Winter



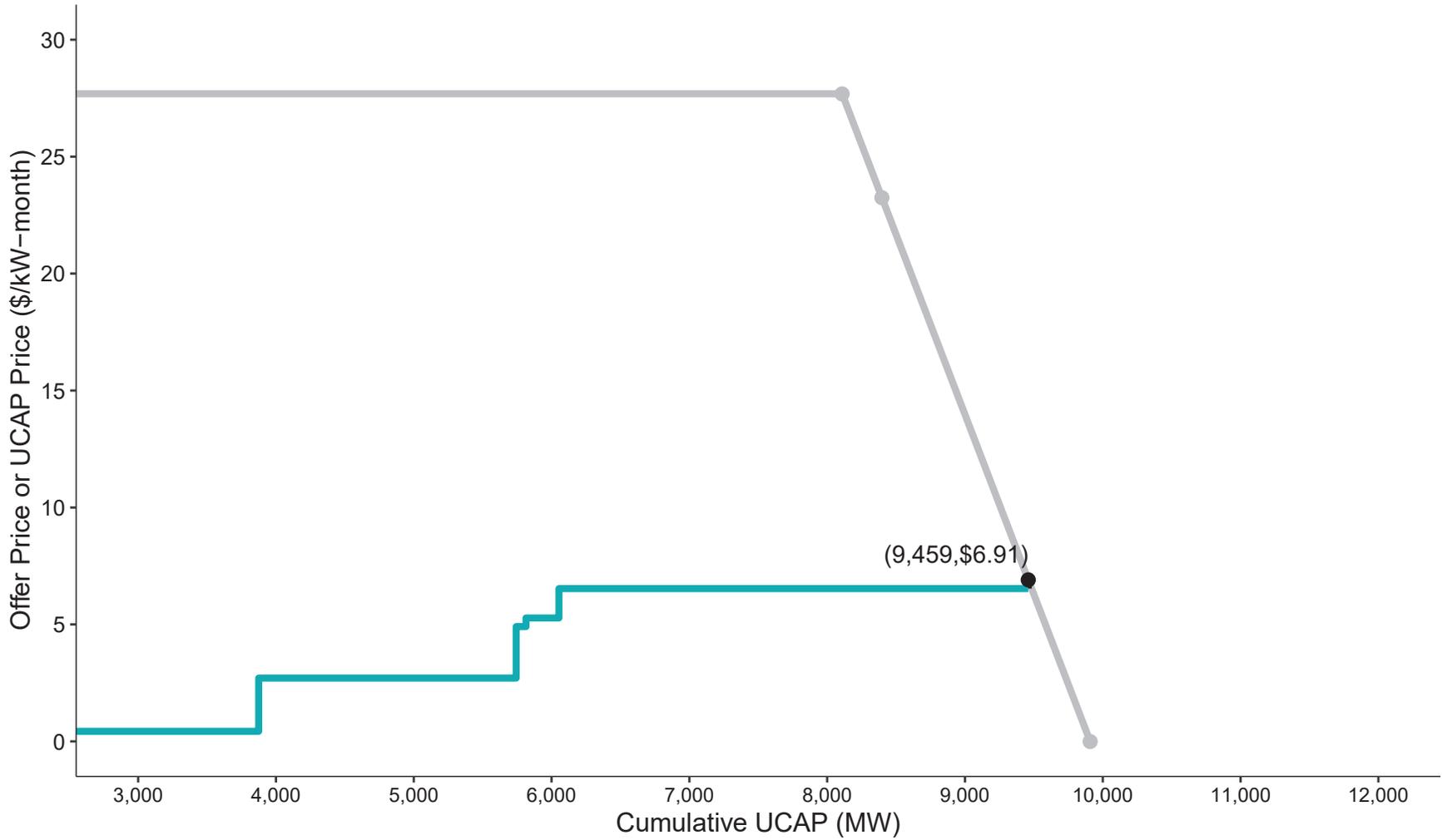
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2026
Capacity Locality: GJ
Season: Winter



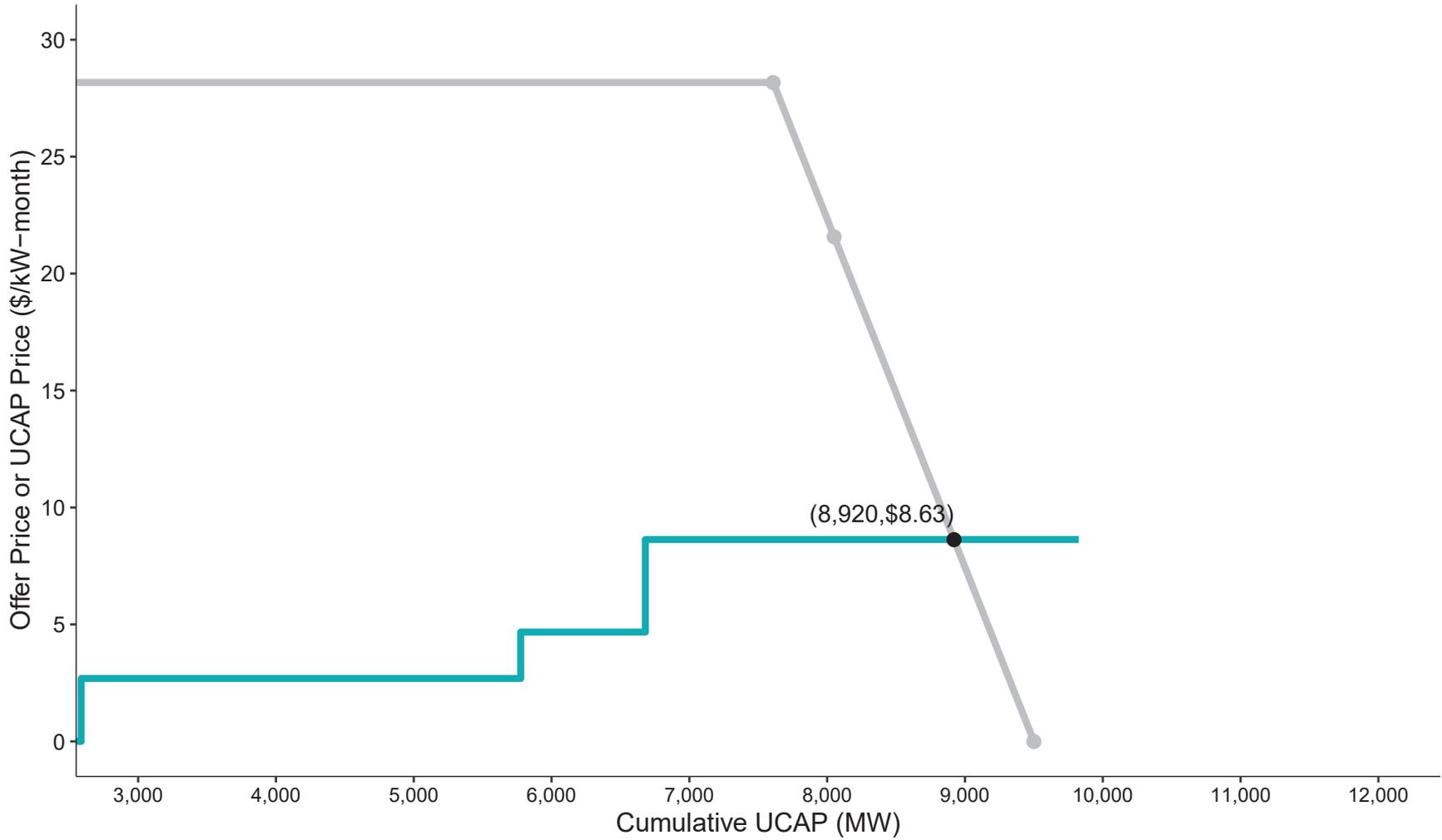
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2032
Capacity Locality: GJ
Season: Winter



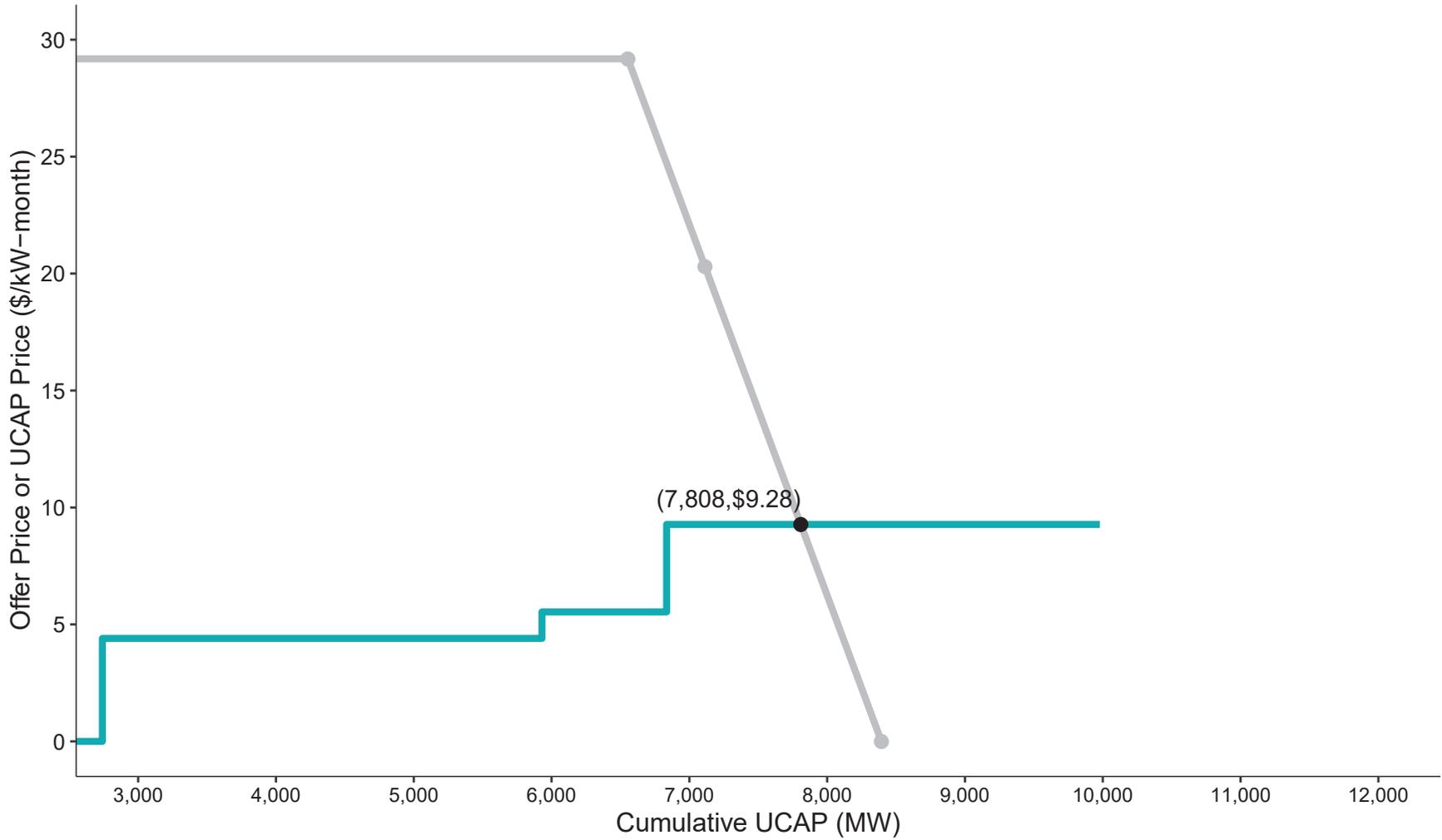
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2022
Capacity Locality: J
Season: Summer



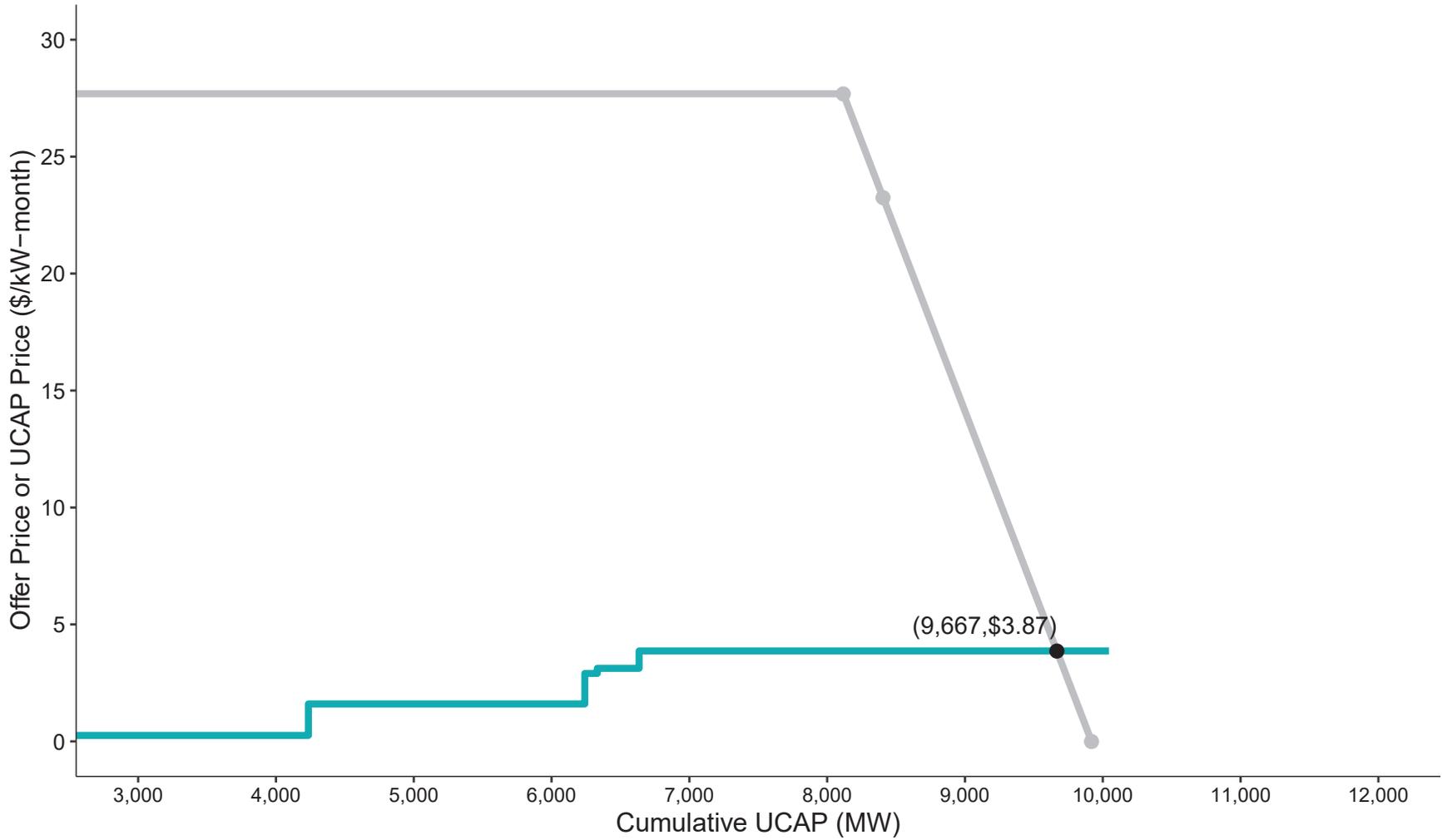
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2026
Capacity Locality: J
Season: Summer



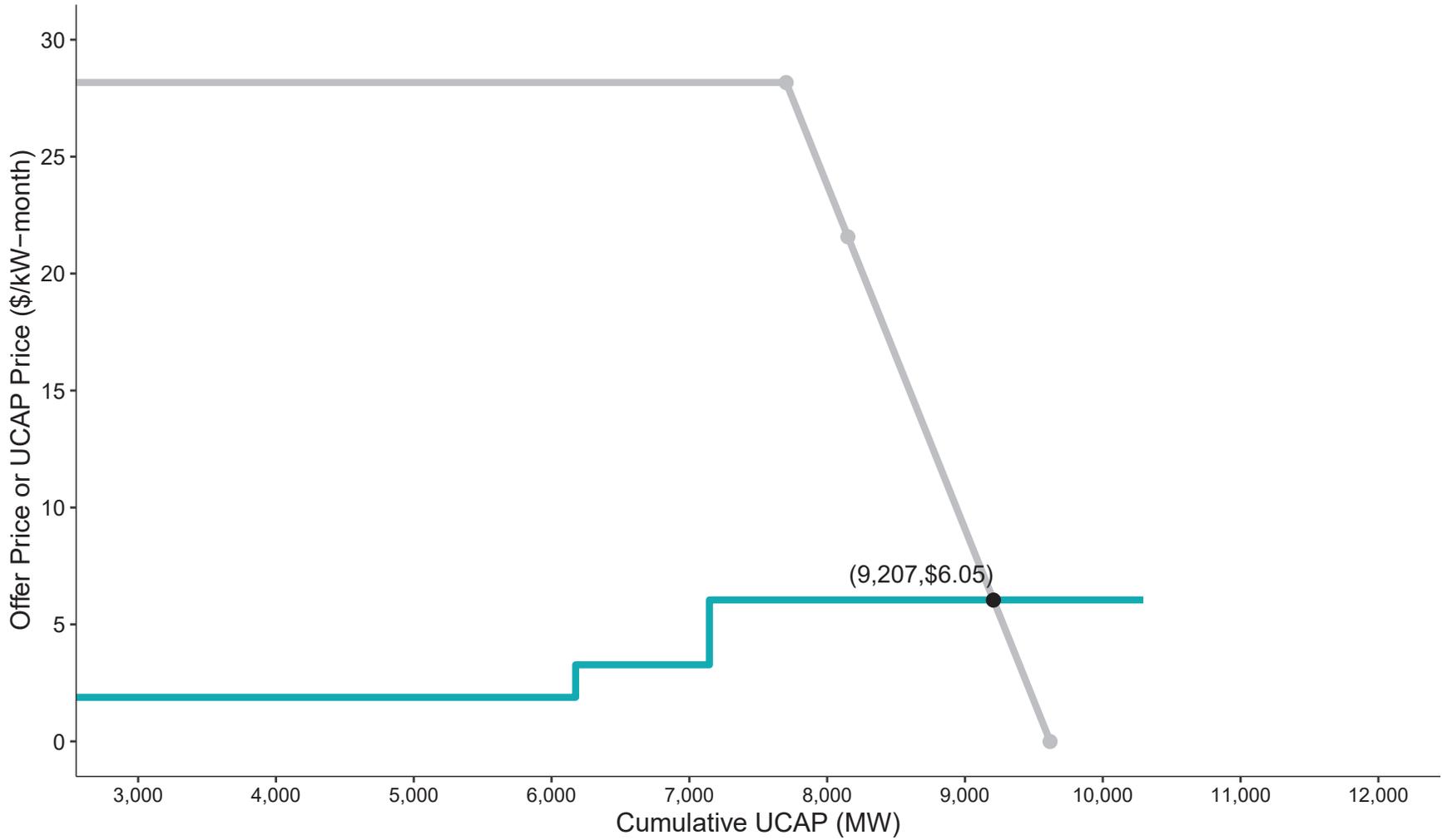
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2032
Capacity Locality: J
Season: Summer



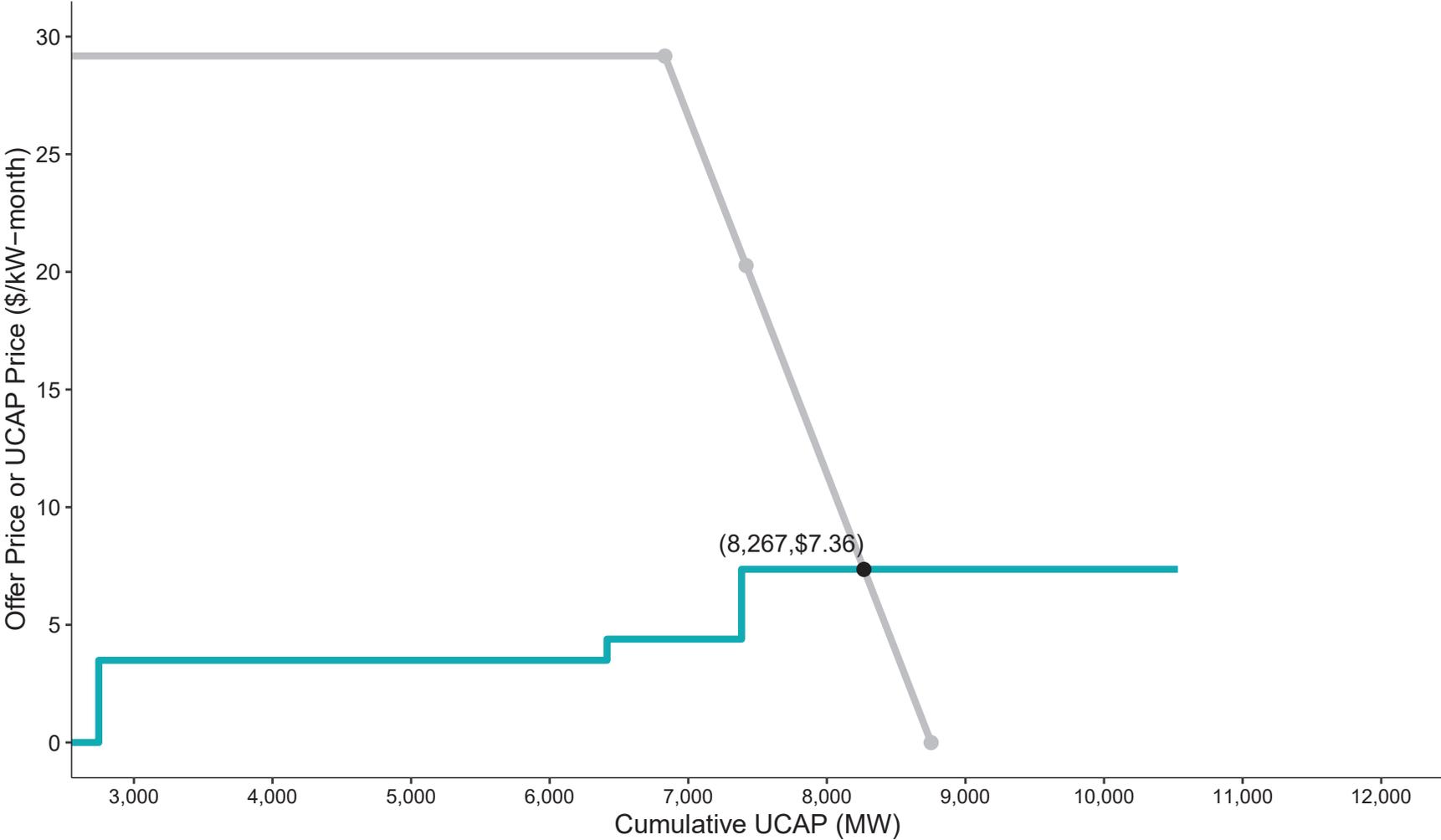
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2022
Capacity Locality: J
Season: Winter



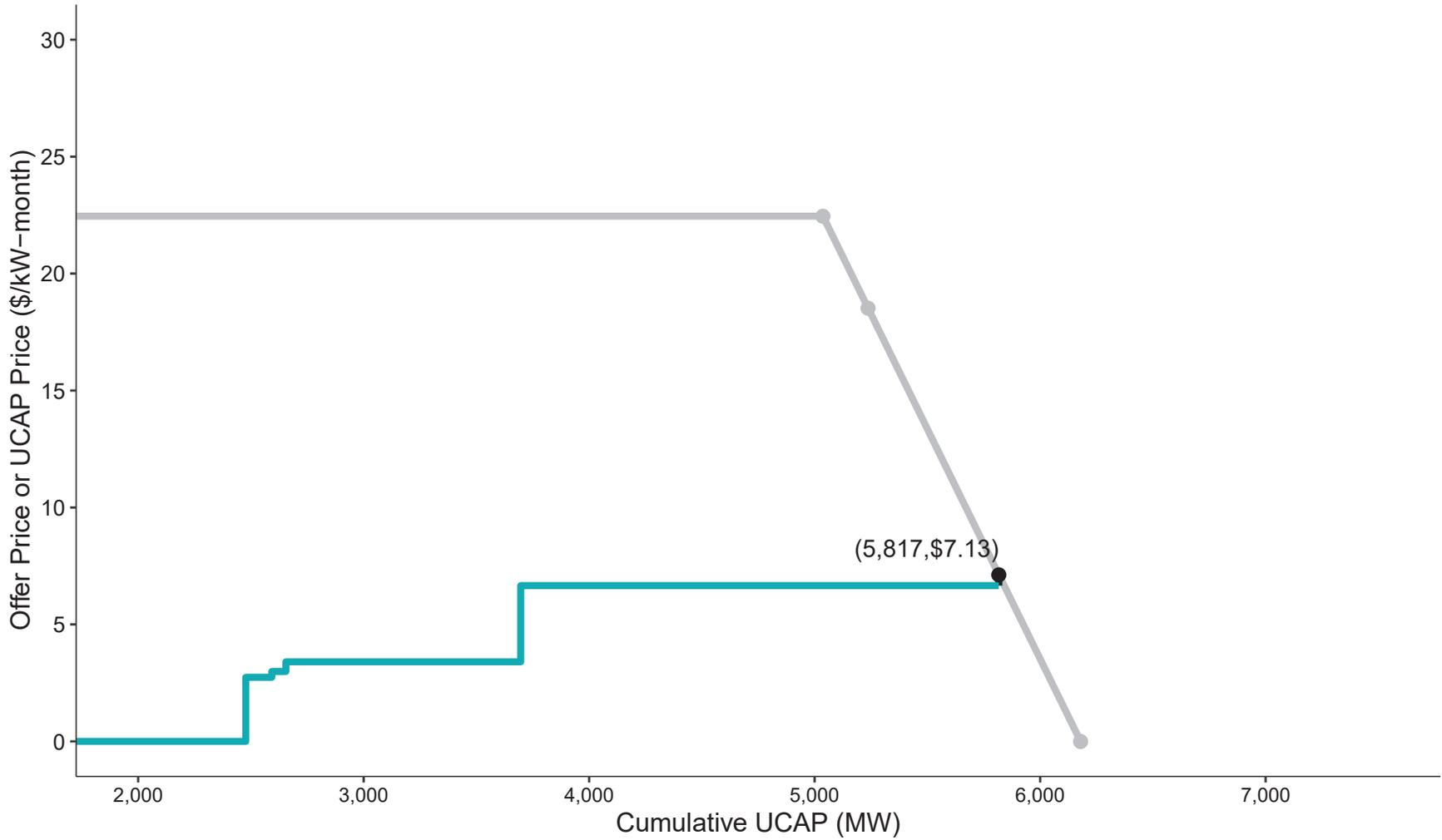
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2026
Capacity Locality: J
Season: Winter



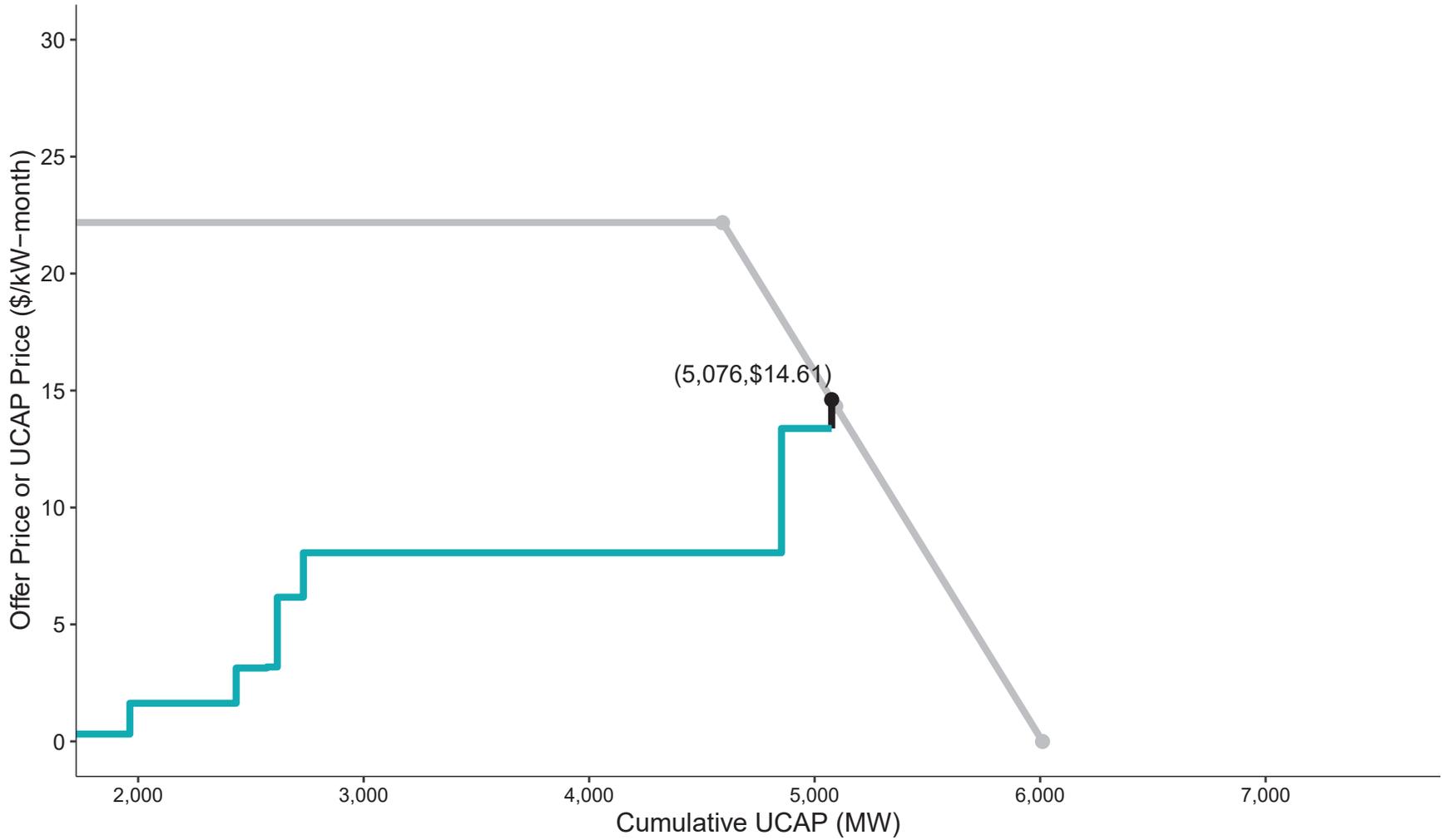
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2032
Capacity Locality: J
Season: Winter



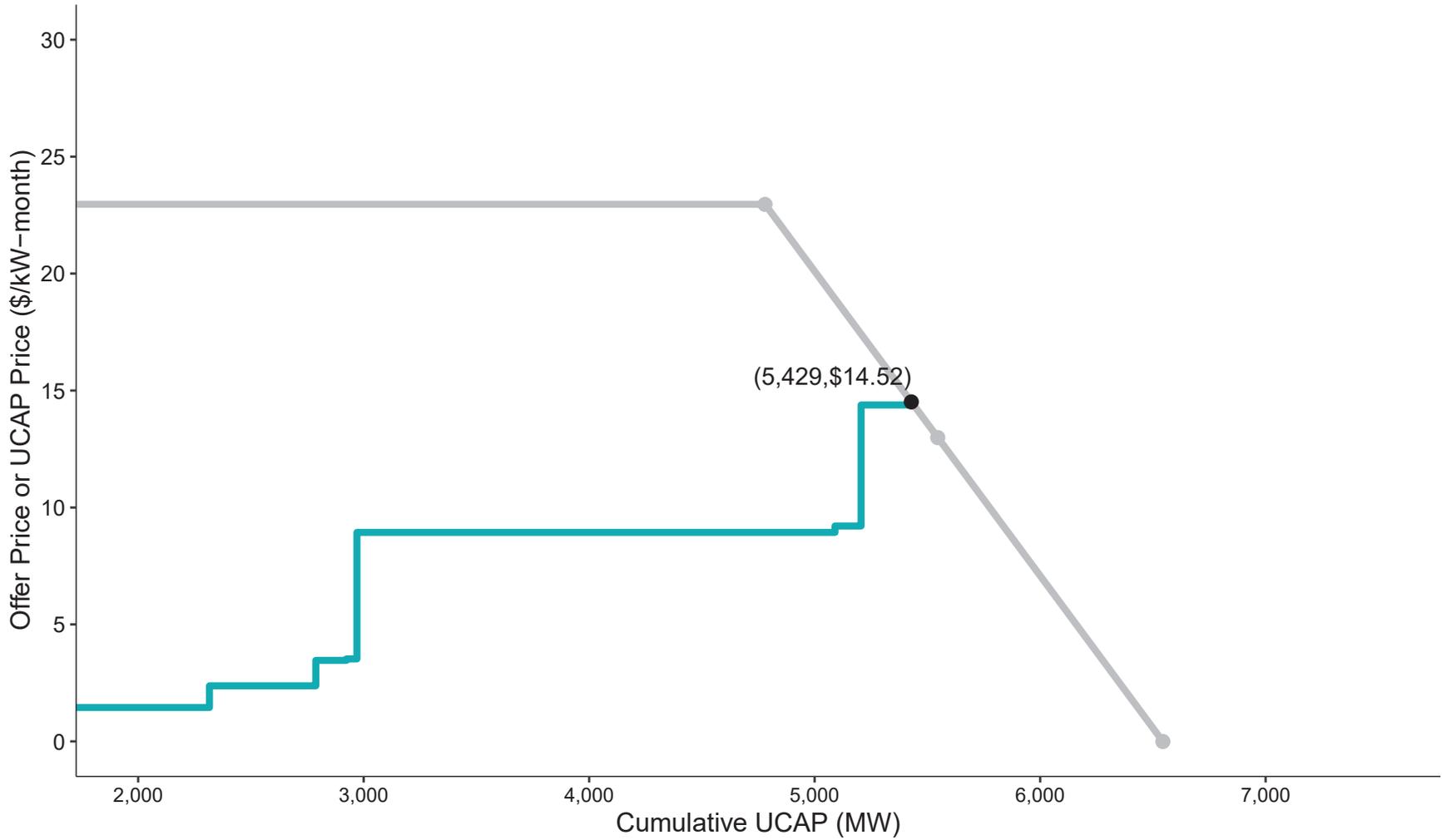
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2022
Capacity Locality: K
Season: Summer



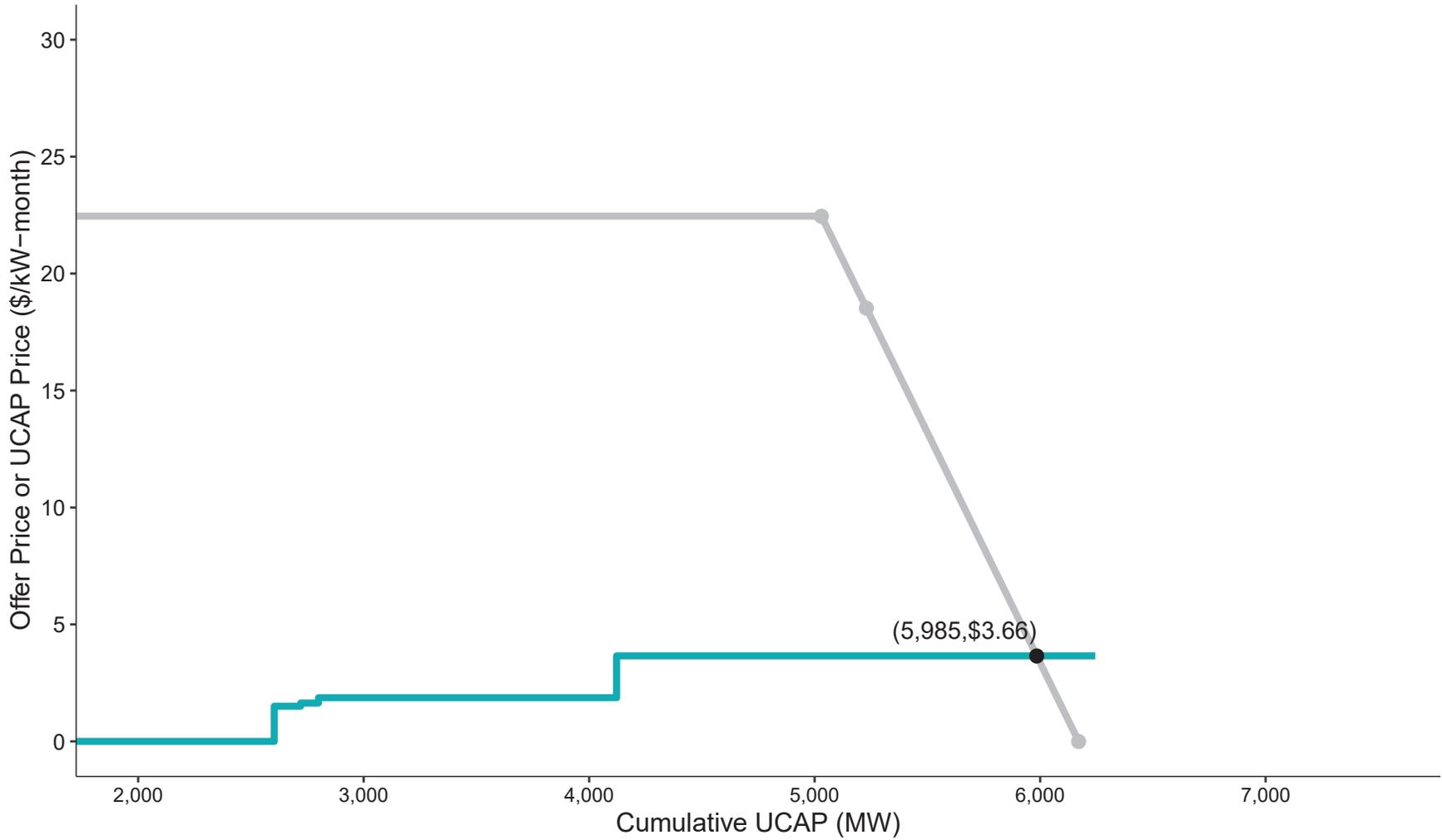
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2026
Capacity Locality: K
Season: Summer



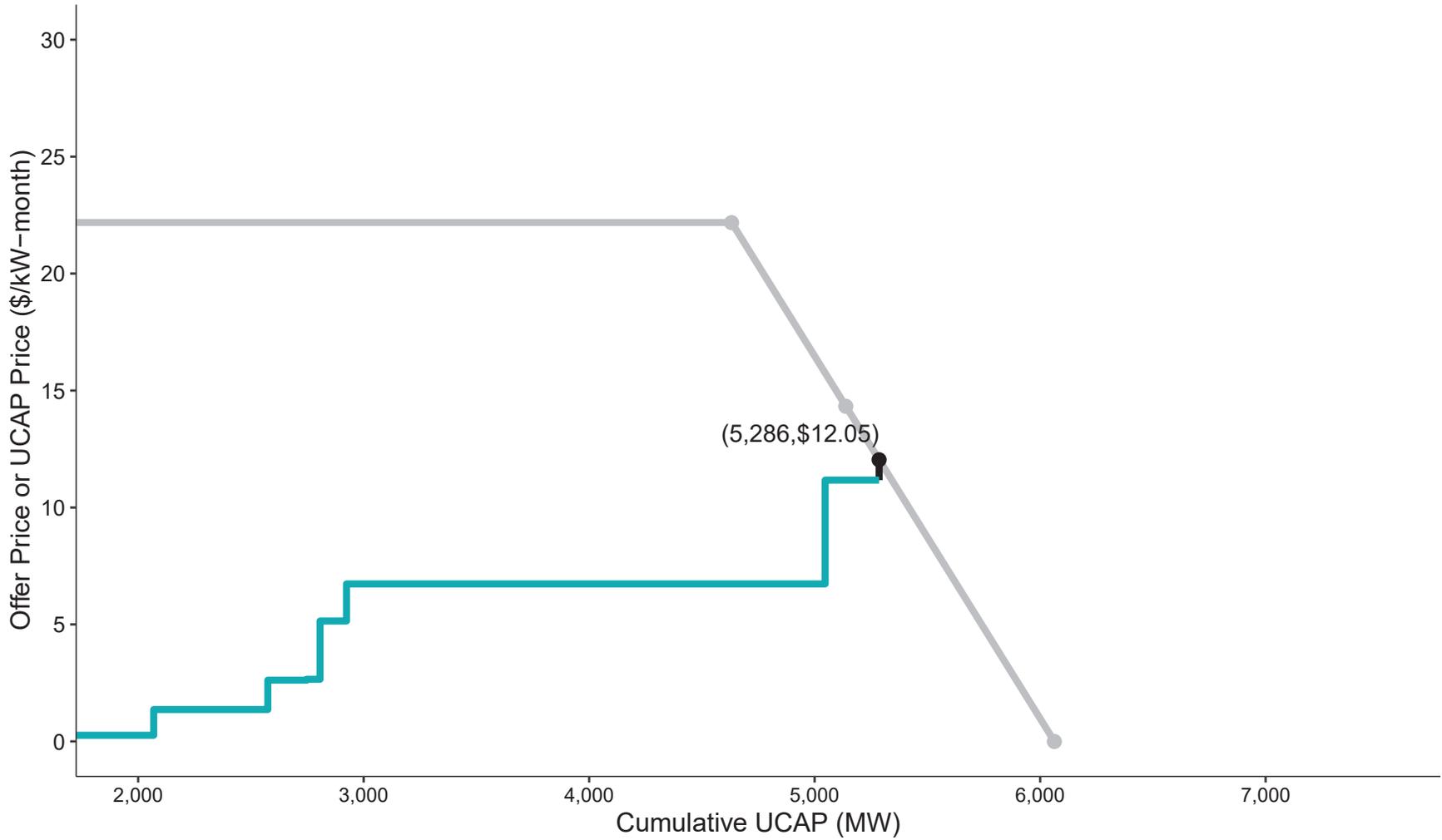
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2032
Capacity Locality: K
Season: Summer



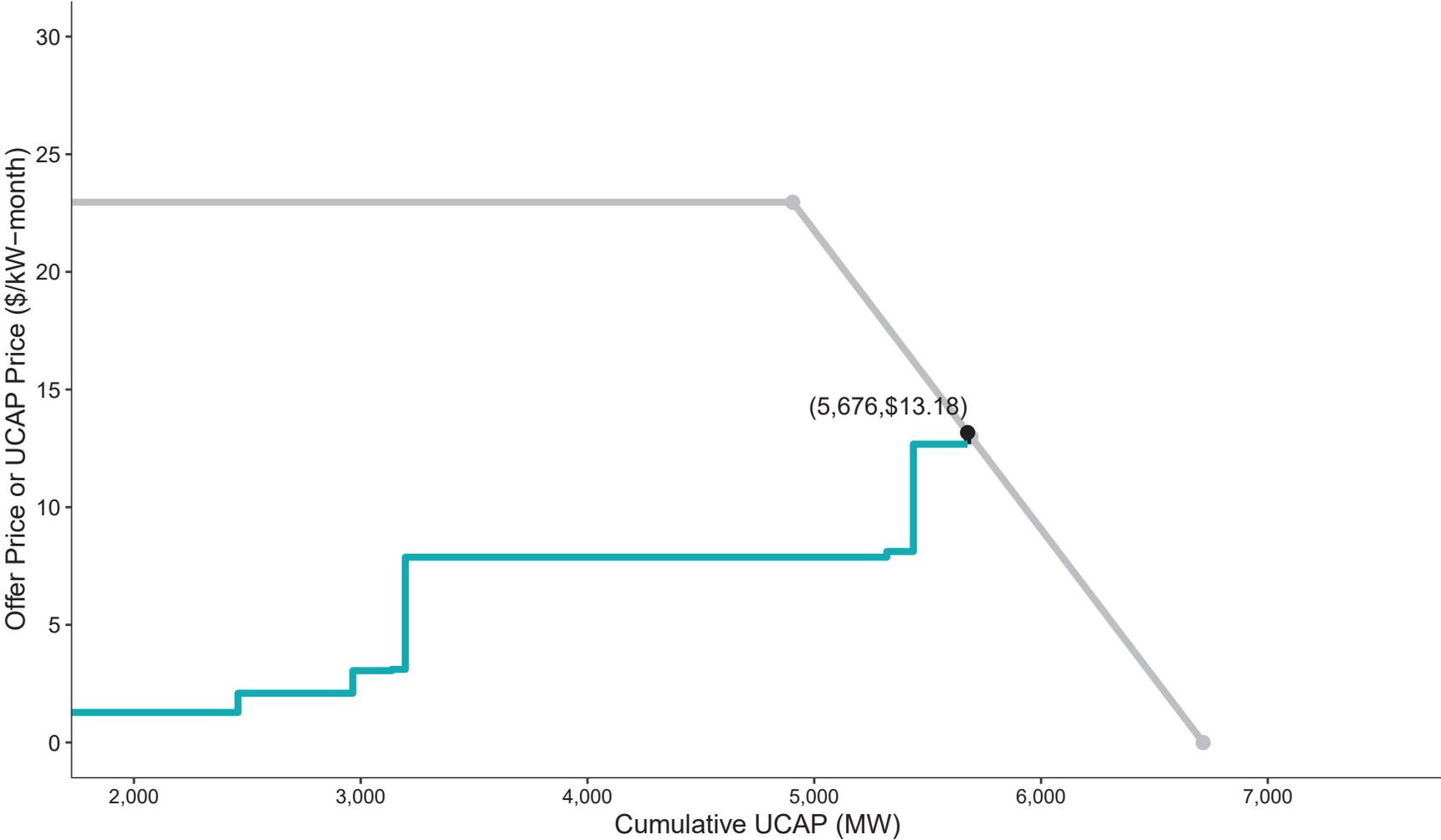
Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2022
Capacity Locality: K
Season: Winter



Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2026
Capacity Locality: K
Season: Winter



Supply and Demand Curves
Sensitivity: TDI and CPNY Transmission Additions
Year: 2032
Capacity Locality: K
Season: Winter



Supply Inputs
Sensitivity: WACC Risk Premium (with TDI and CPNY)

NYCA Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	26,315	24,322	23,481	21,833	23,485	21,836
Hydro	5,018	4,210	5,018	4,210	5,018	4,210
Nuclear	3,345	3,266	3,345	3,266	2,156	2,105
Onshore Wind	1,739	278	1,983	210	9,698	633
Offshore Wind	0	0	1,200	349	7,591	362
Utility-Scale Solar	56	26	5,056	942	16,669	702
Storage (2h)	592	258	2,156	816	4,264	1,266
Storage (4h)	2	2	9	7	386	229
Net Imports	973	973	973	973	973	973
SCRs	1,185	1,067	1,185	1,185	1,185	1,185
UDRs	1,042	1,042	1,042	1,042	1,042	1,042
Other Resources	2,671	2,541	2,571	2,450	3,251	3,109
TDI	0	0	1,250	1,188	1,250	1,188
Total	42,939	37,985	49,271	38,471	76,969	38,840

G-J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	14,029	12,951	12,306	11,417	12,306	11,417
Hydro	101	52	101	52	101	52
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	694	202	5,060	241
Utility-Scale Solar	0	0	0	0	944	40
Storage (2h)	1	1	1,343	509	1,436	426
Storage (4h)	0	0	4	3	158	94
Net Imports	0	0	0	0	0	0
SCRs	523	470	523	523	523	523
UDRs	299	299	299	299	299	299
Other Resources	19	18	75	72	339	328
TDI	0	0	1,250	1,188	1,250	1,188
Total	14,972	13,791	16,595	14,264	22,415	14,607

Supply Inputs
Sensitivity: WACC Risk Premium (with TDI and CPNY)

J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	9,519	8,775	7,796	7,241	7,796	7,240
Hydro	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	694	202	5,060	241
Utility-Scale Solar	0	0	0	0	0	0
Storage (2h)	1	0	1,342	508	1,433	425
Storage (4h)	0	0	4	3	157	93
Net Imports	0	0	0	0	0	0
SCRs	428	385	428	428	428	428
UDRs	299	299	299	299	299	299
Other Resources	0	0	54	52	239	232
TDI	0	0	1,250	1,188	1,250	1,188
Total	10,247	9,459	11,868	9,921	16,662	10,147

K Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	5,148	4,636	4,037	3,681	4,037	3,681
Hydro	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
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Storage (2h)	589	257	812	307	1,378	409
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Net Imports	0	0	0	0	0	0
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Other Resources	121	115	157	150	326	314
TDI	0	0	0	0	0	0
Total	6,703	5,818	6,357	5,085	9,336	5,445

Demand Inputs
Sensitivity: WACC Risk Premium (with TDI and CPNY)

UCAP Reference Point Price (\$/kW-mo)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	\$9.43	\$10.47	\$10.27	\$9.43	\$10.47	\$10.27
G-J Locality	\$15.12	\$17.38	\$16.46	\$15.12	\$17.38	\$16.45
NYC (J)	\$23.25	\$25.04	\$23.55	\$23.25	\$25.04	\$23.52
LI (K)	\$18.53	\$17.15	\$15.49	\$18.53	\$17.15	\$15.49

UCAP/ICAP Translation Factors (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	12.4%	24.4%	53.2%	11.3%	24.8%	52.8%
G-J Locality	8.0%	15.6%	38.1%	7.8%	14.9%	36.5%
NYC (J)	7.8%	19.1%	43.9%	7.7%	18.0%	41.9%
LI (K)	14.9%	22.8%	45.5%	15.0%	22.2%	44.1%

UCAP Capacity Requirement (MW)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	34,429	33,284	34,666	34,835	33,122	34,988
G-J Locality	12,816	11,689	11,264	12,835	11,792	11,575
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UCAP Reserve Margin (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	107.9%	104.9%	97.9%	109.1%	104.4%	98.8%
G-J Locality	85.7%	79.2%	69.2%	85.9%	79.9%	71.1%
NYC (J)	77.8%	75.8%	60.9%	77.9%	76.7%	63.5%
LI (K)	96.9%	93.9%	88.1%	96.7%	94.7%	90.4%

IRM/LCR (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	123.1%	138.9%	209.2%	123.1%	138.9%	209.2%
G-J Locality	93.2%	93.9%	111.7%	93.2%	93.9%	112.0%
NYC (J)	84.4%	93.6%	108.7%	84.4%	93.6%	109.3%
LI (K)	113.8%	121.7%	161.6%	113.8%	121.7%	161.6%

Outputs
Sensitivity: WACC Risk Premium (with TDI and CPNY)

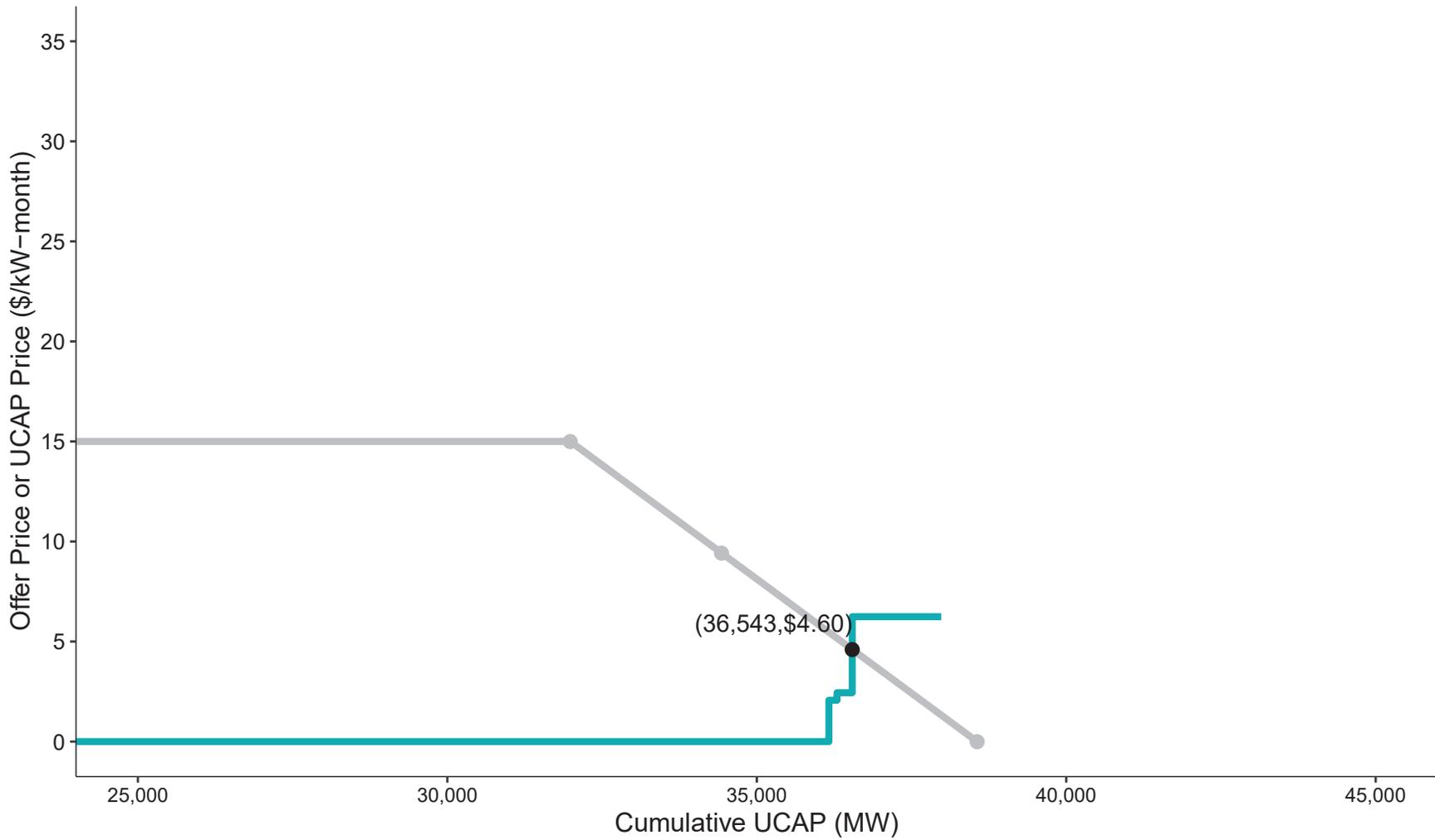
Clearing Prices (\$/kW-mo)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	\$4.60	\$5.57	\$7.81	\$3.33	\$4.73	\$7.09
G-J Locality	\$7.46	\$9.02	\$9.58	\$3.87	\$5.81	\$7.09
NYC (J)	\$7.46	\$9.02	\$9.58	\$3.87	\$6.05	\$7.36
LI (K)	\$7.13	\$17.49	\$17.31	\$3.66	\$14.41	\$15.71

Clearing UCAP Quantities (MW)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	36,543	35,152	35,664	37,540	35,302	36,286
G-J Locality	13,791	12,532	11,970	14,268	12,970	12,562
NYC (J)	9,459	9,001	7,889	9,667	9,263	8,334
LI (K)	5,817	5,076	5,429	5,985	5,286	5,676

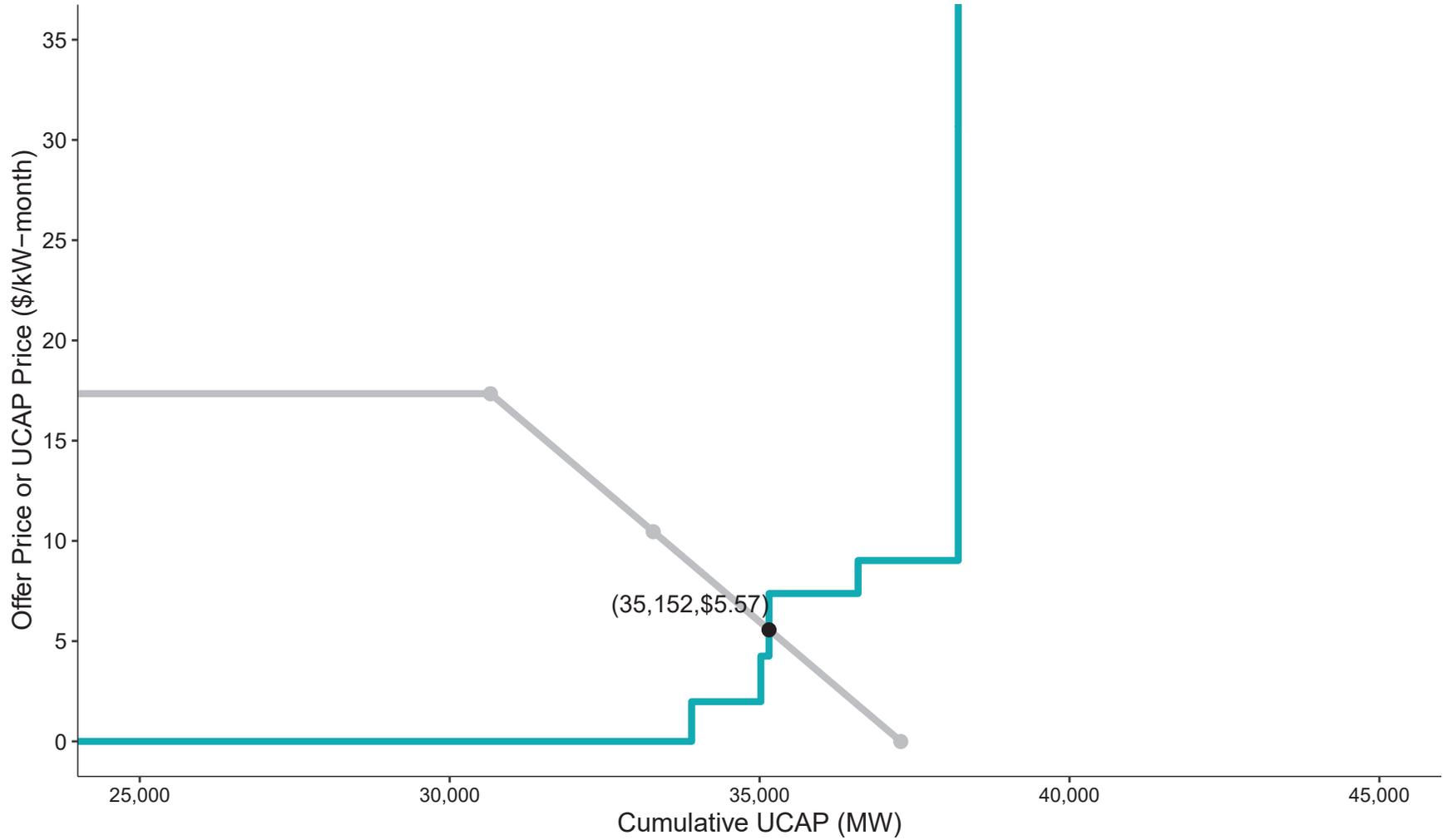
Note:

[1] Supply and Demand Curves show “unadjusted” clearing prices. The final clearing price in each capacity locality is the highest price for which capacity segments in that locality are eligible.

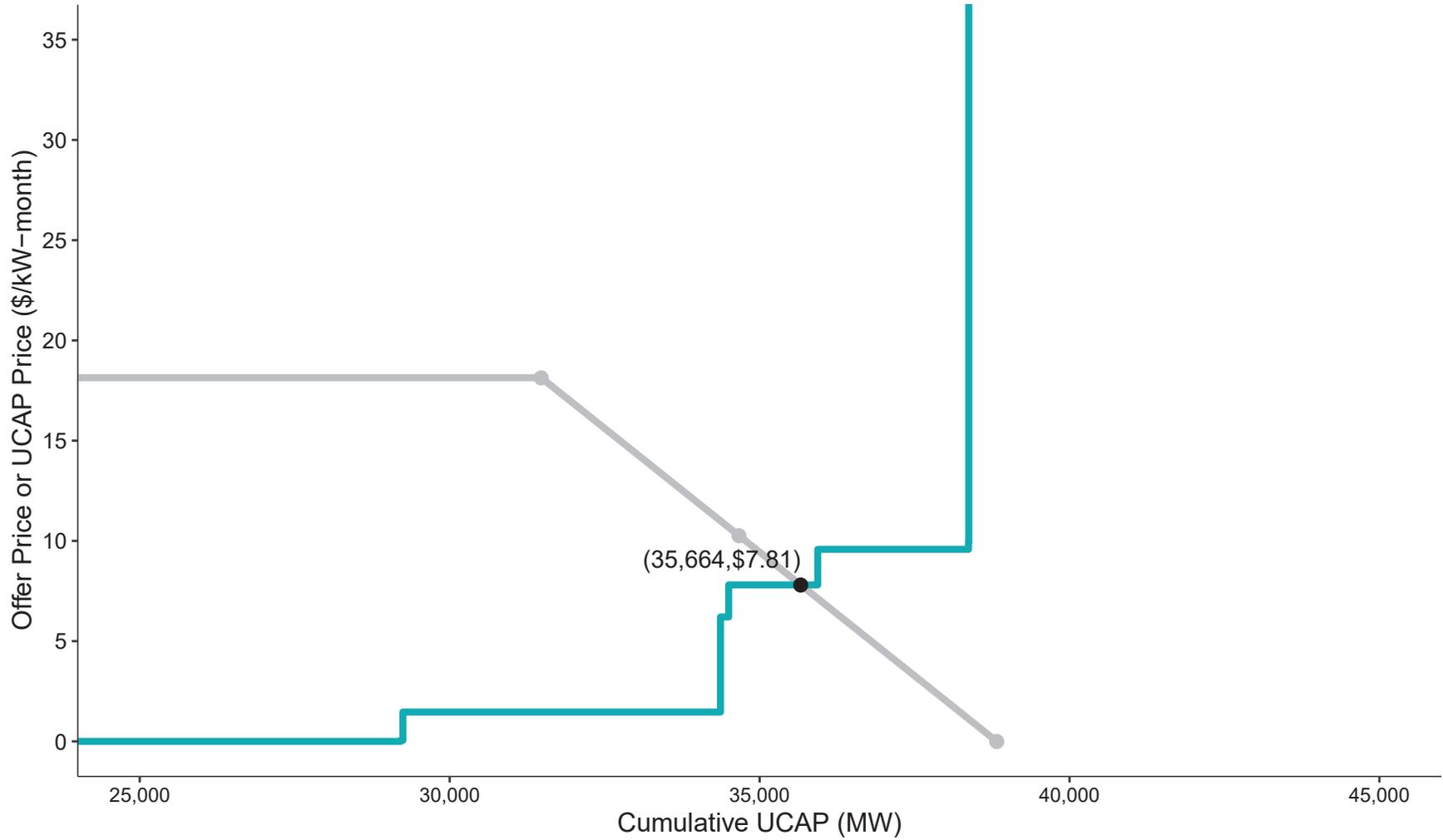
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2022
Capacity Locality: NYCA
Season: Summer



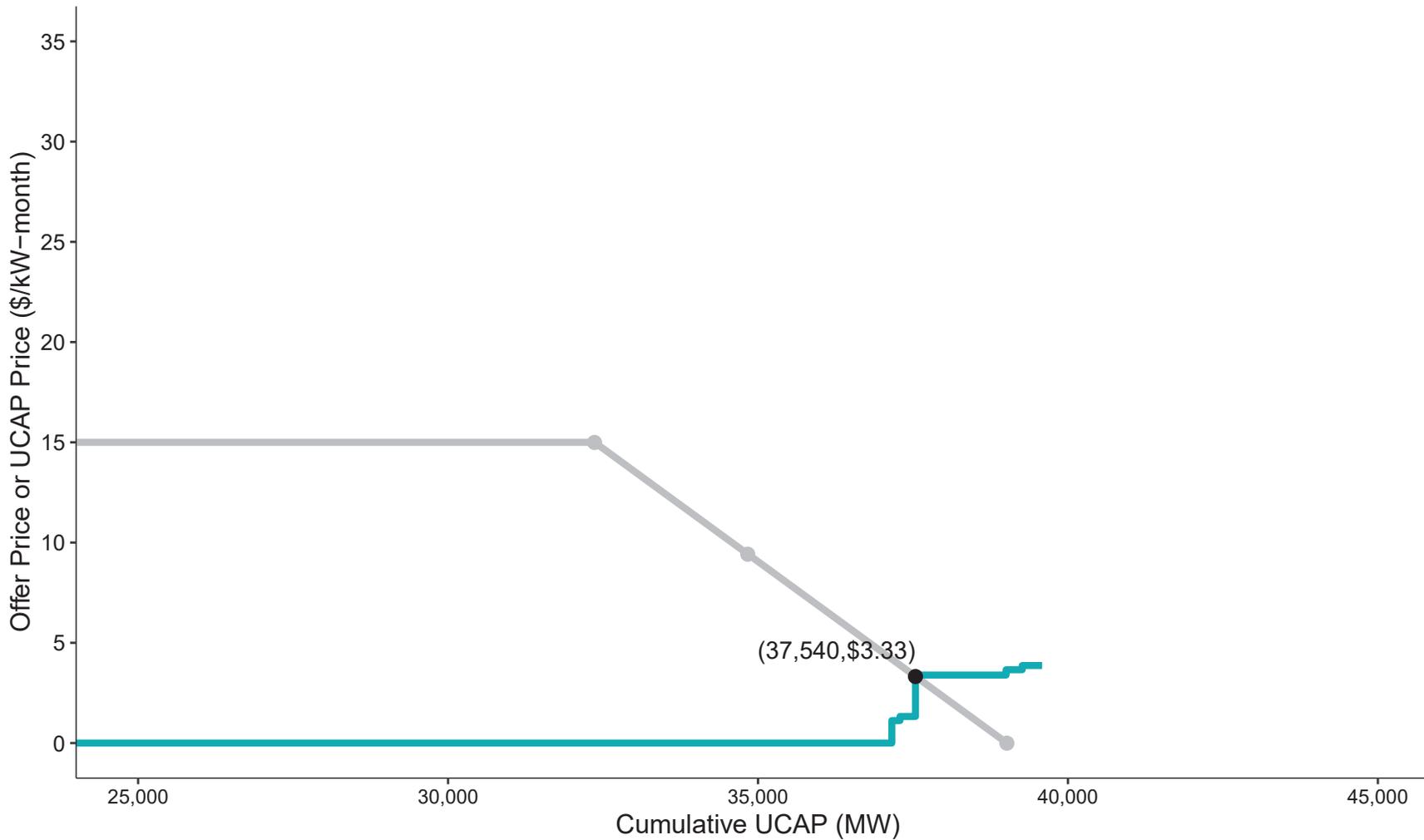
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2026
Capacity Locality: NYCA
Season: Summer



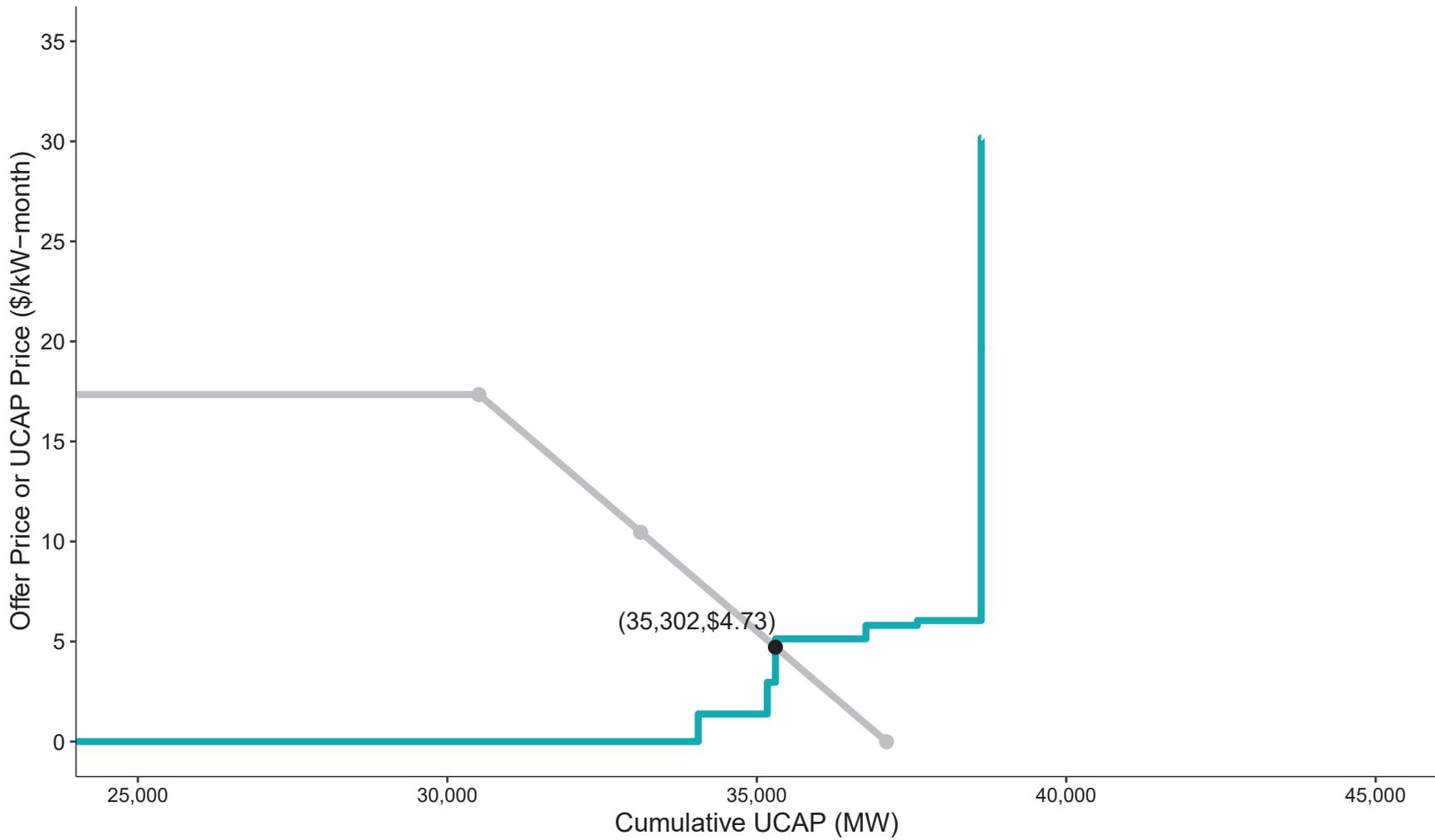
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2032
Capacity Locality: NYCA
Season: Summer



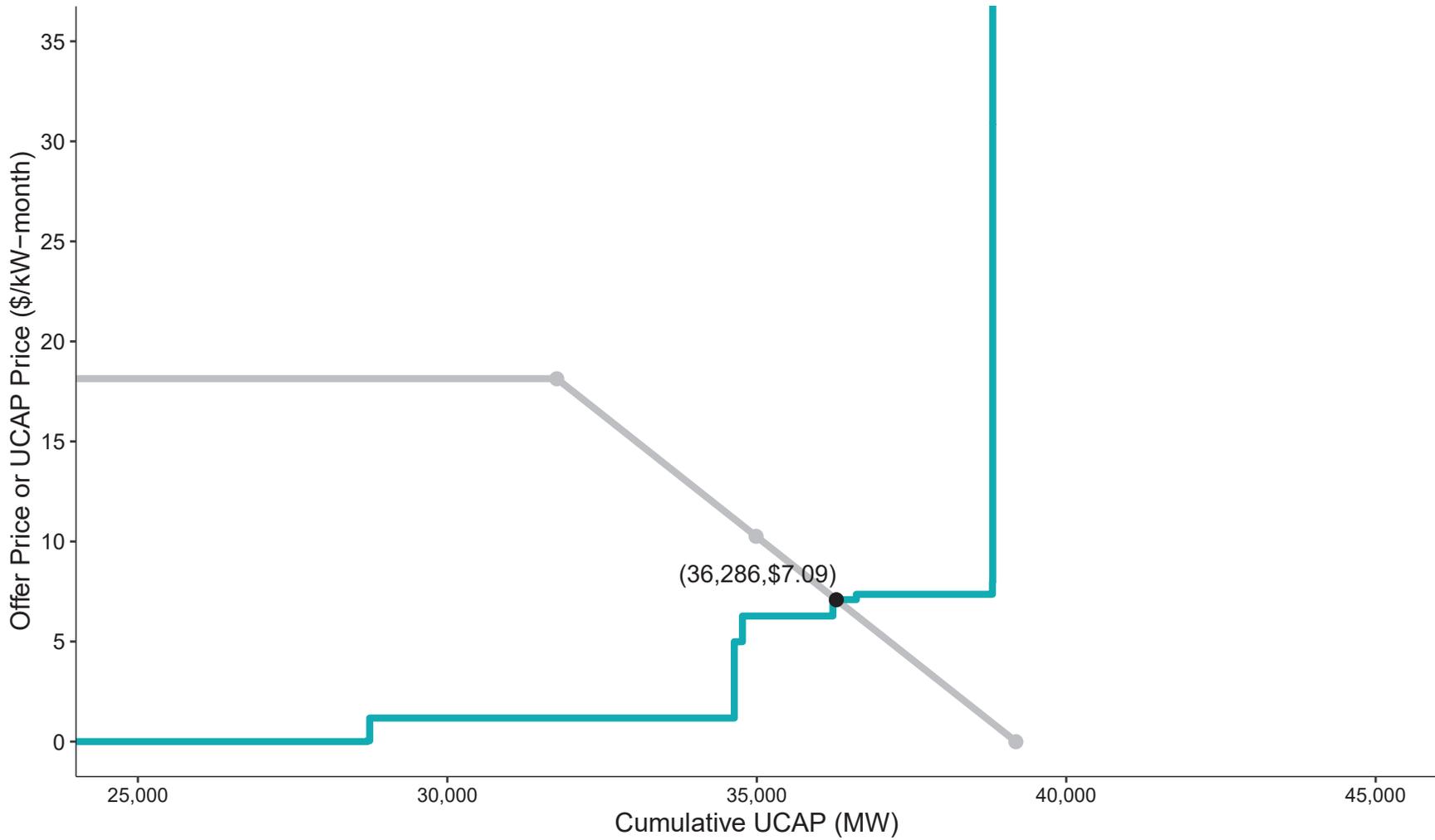
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2022
Capacity Locality: NYCA
Season: Winter



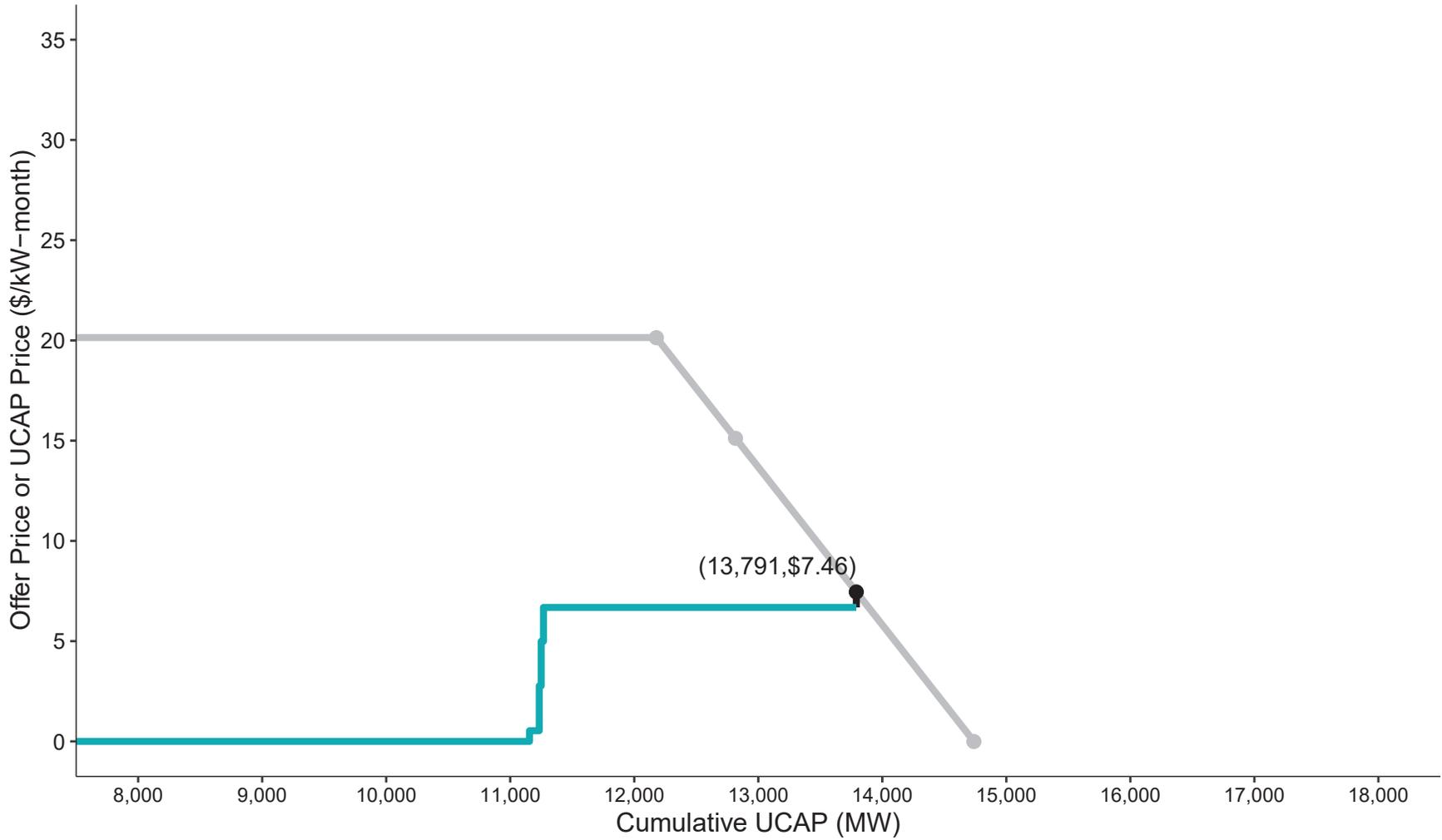
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2026
Capacity Locality: NYCA
Season: Winter



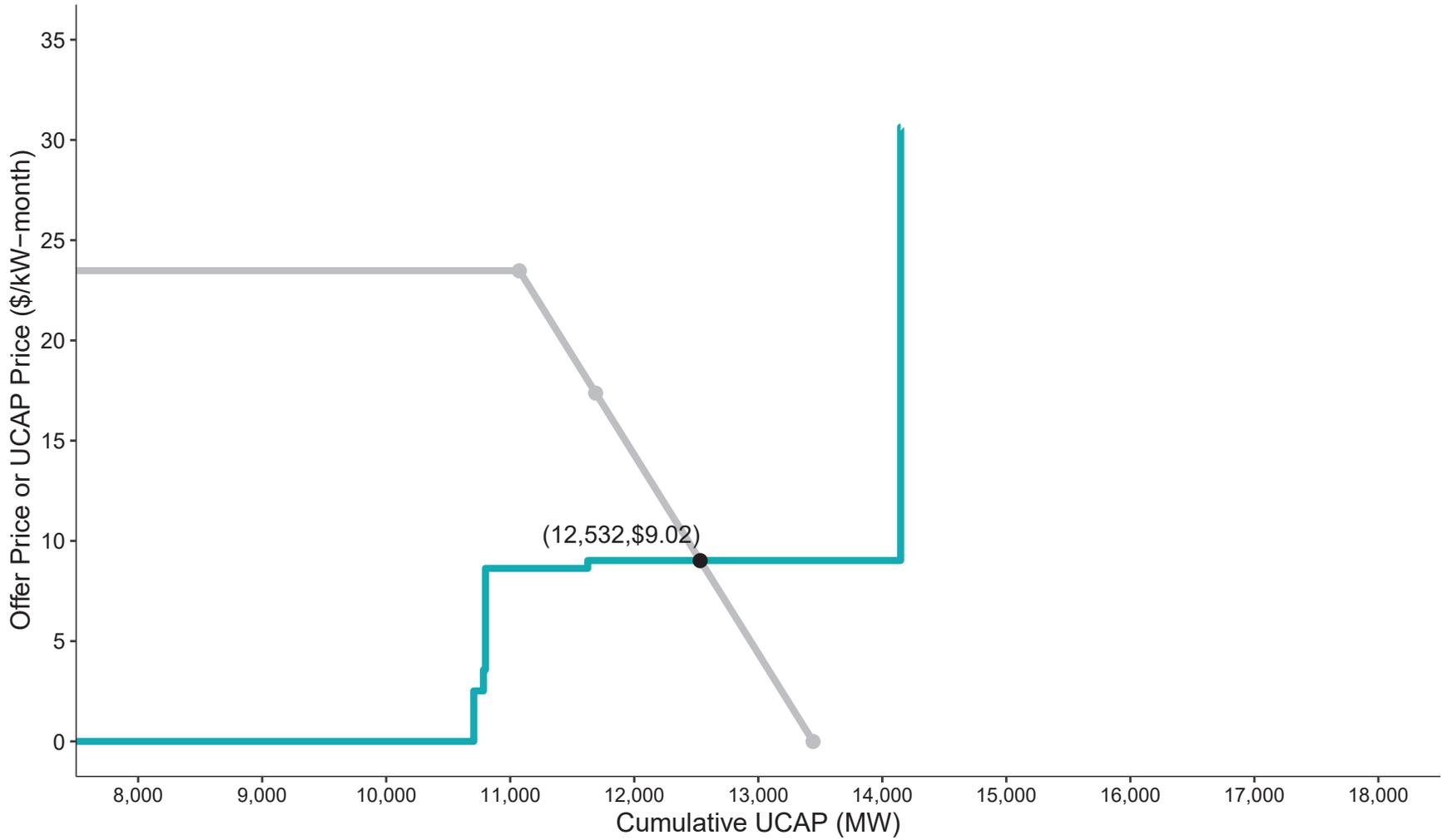
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2032
Capacity Locality: NYCA
Season: Winter



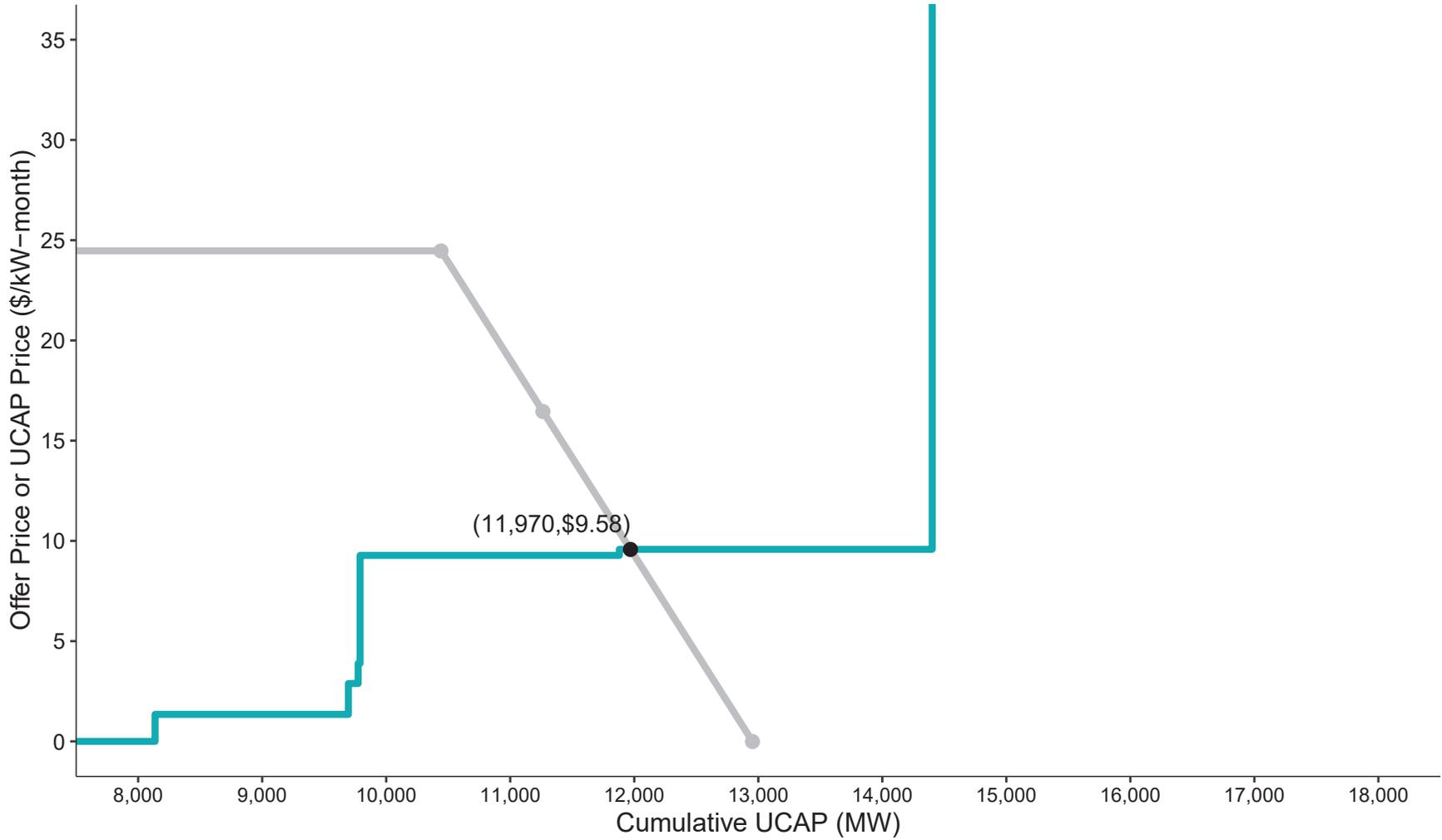
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2022
Capacity Locality: GJ
Season: Summer



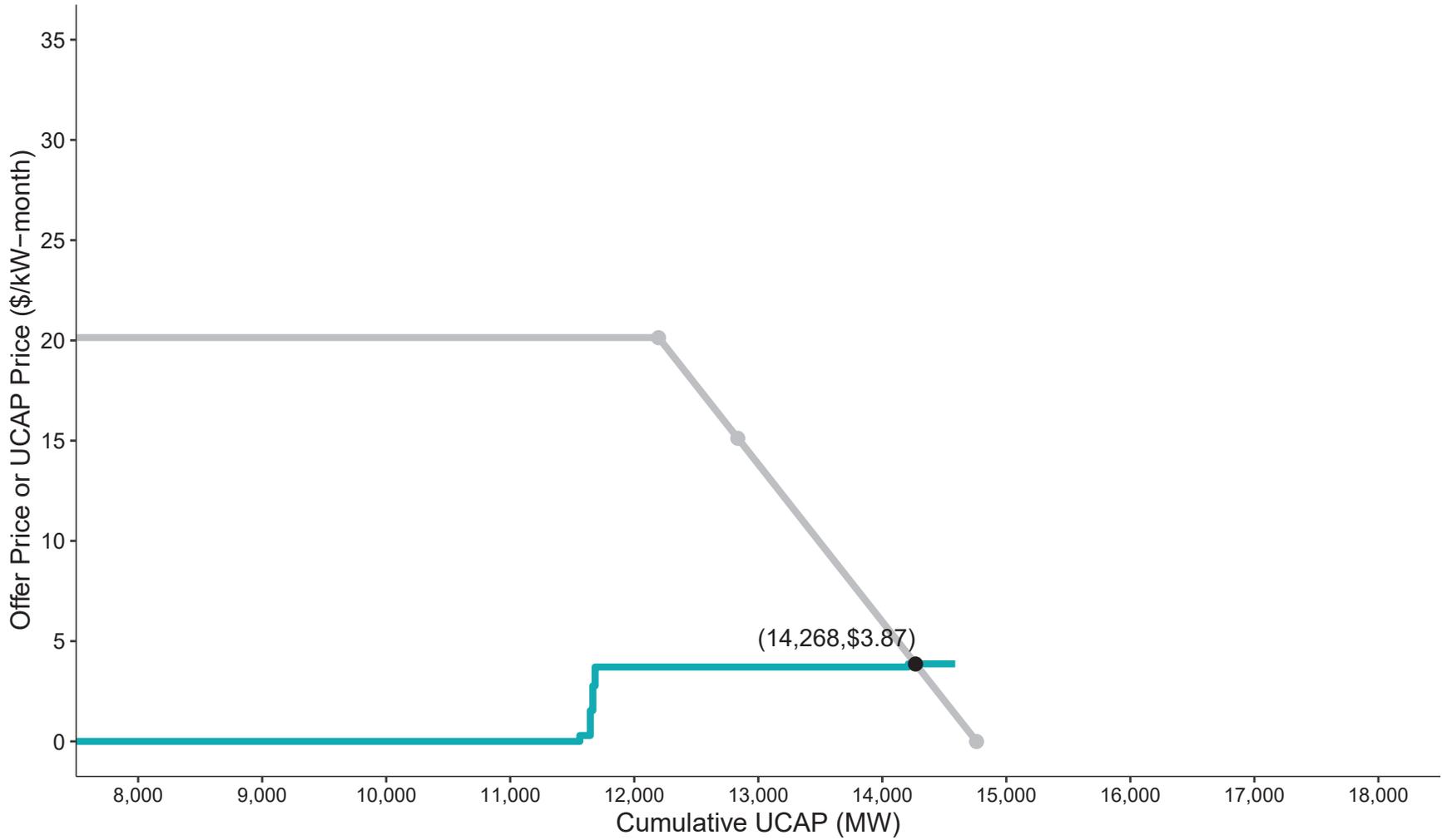
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2026
Capacity Locality: GJ
Season: Summer



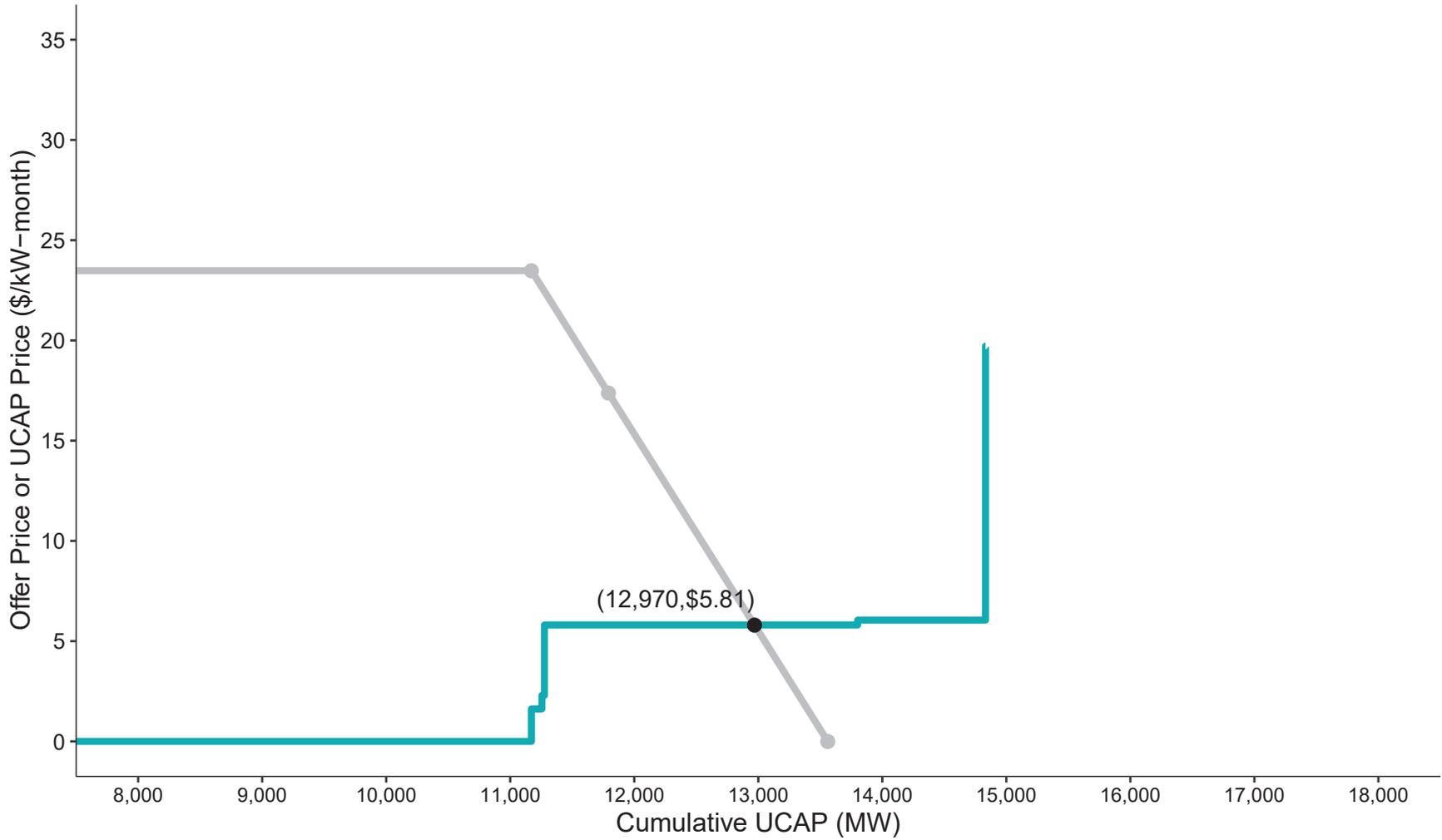
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2032
Capacity Locality: GJ
Season: Summer



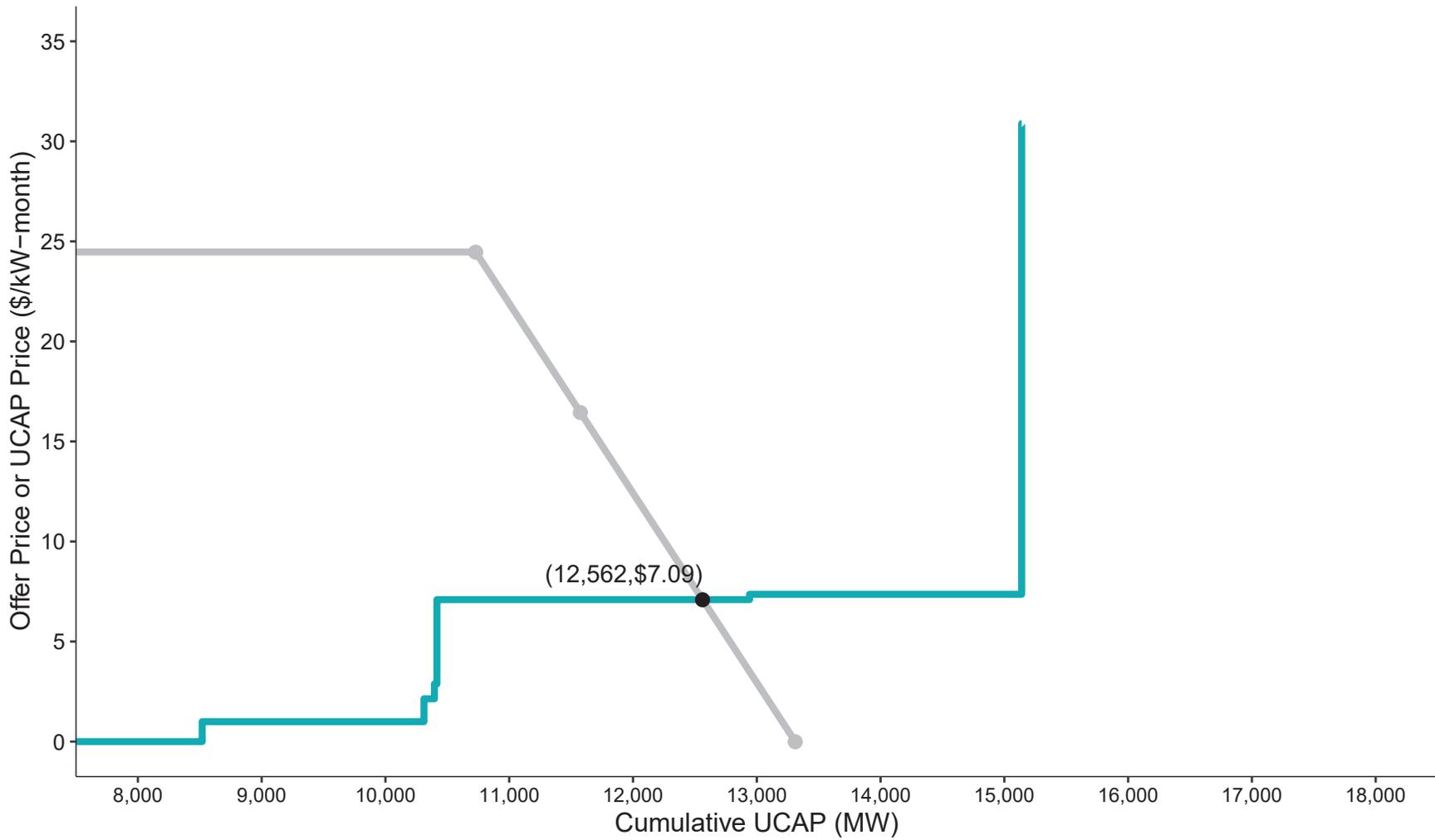
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Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2022
Capacity Locality: GJ
Season: Winter



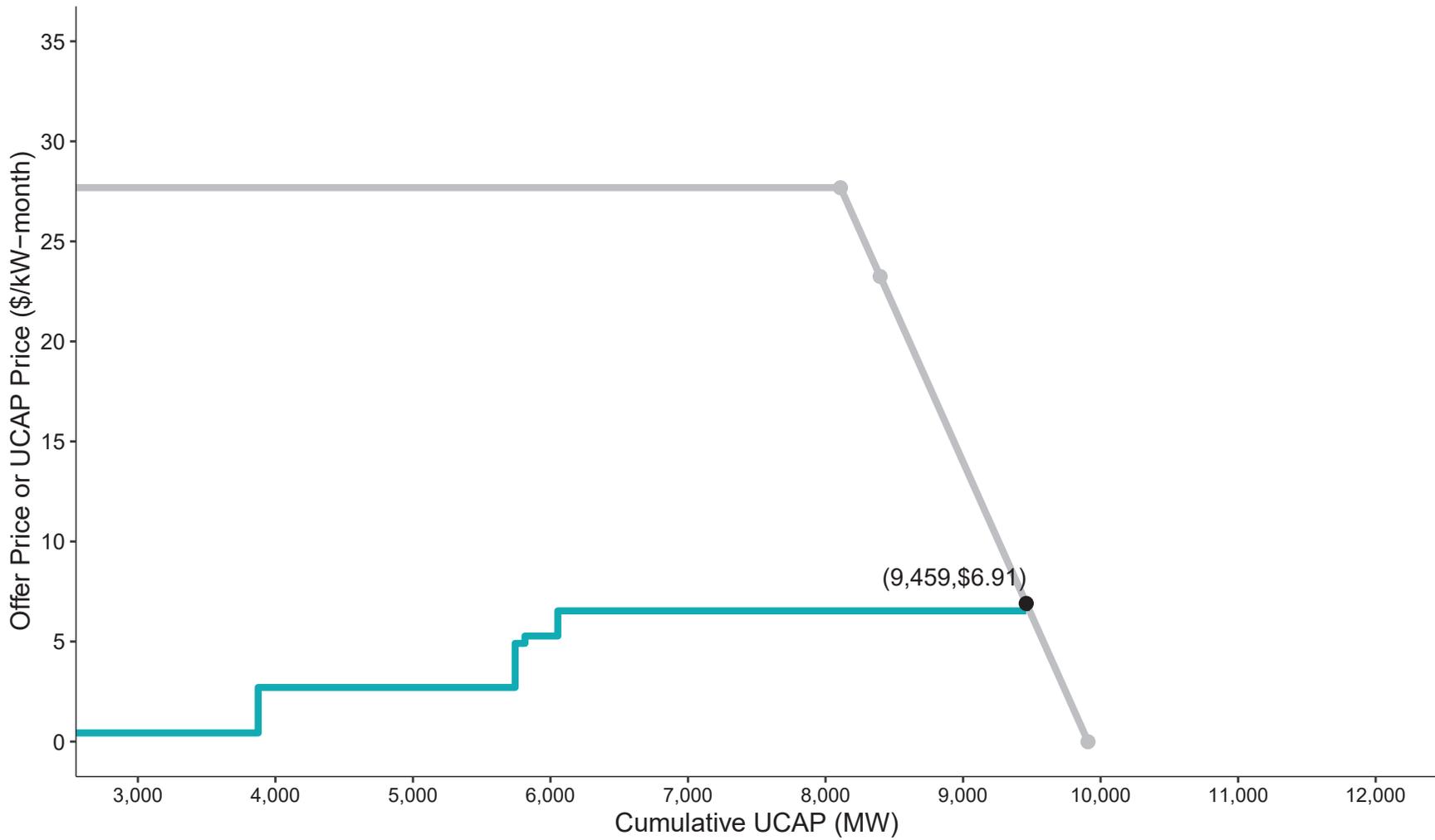
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Year: 2026
Capacity Locality: GJ
Season: Winter



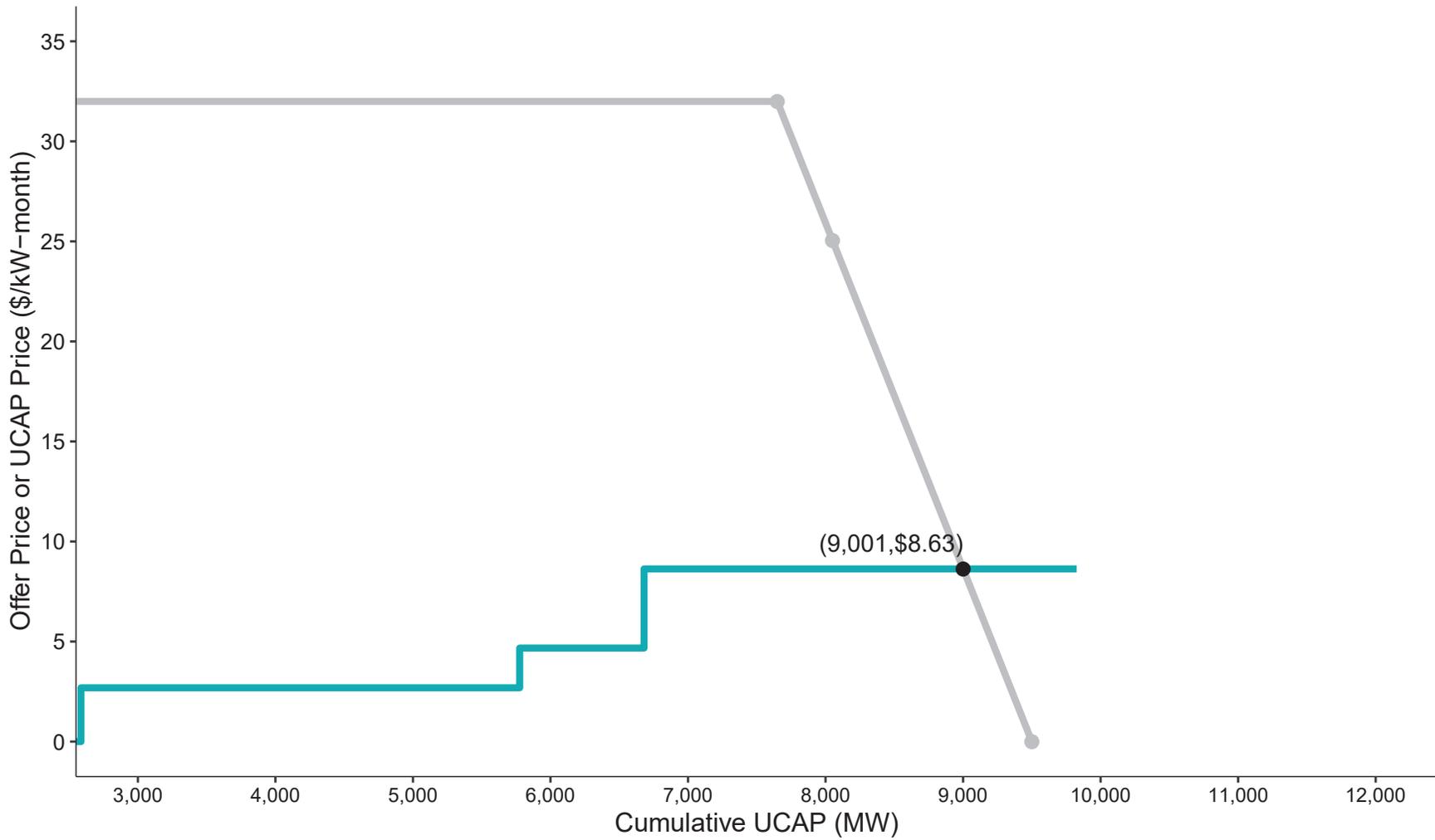
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Year: 2032
Capacity Locality: GJ
Season: Winter



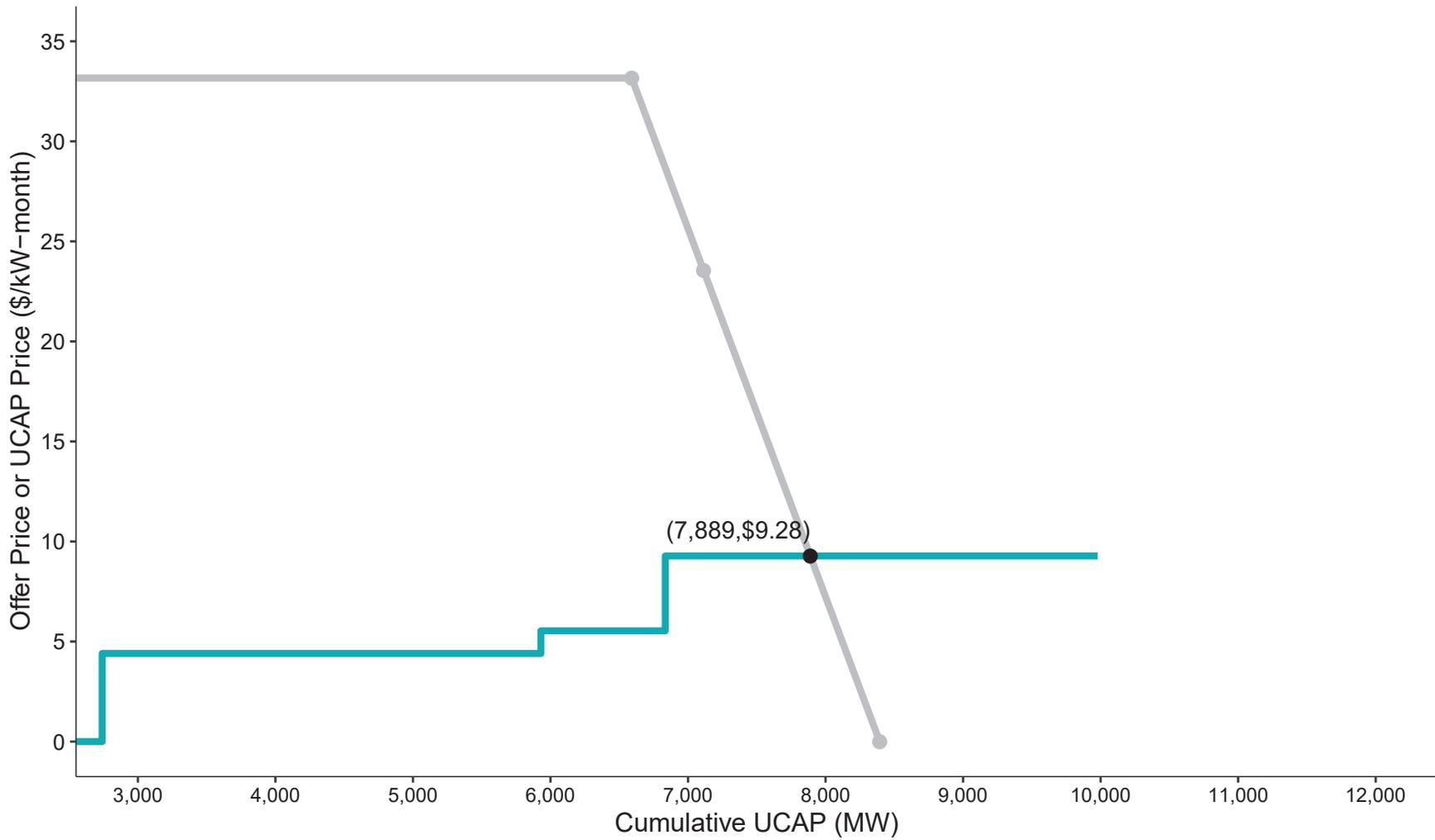
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Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2022
Capacity Locality: J
Season: Summer



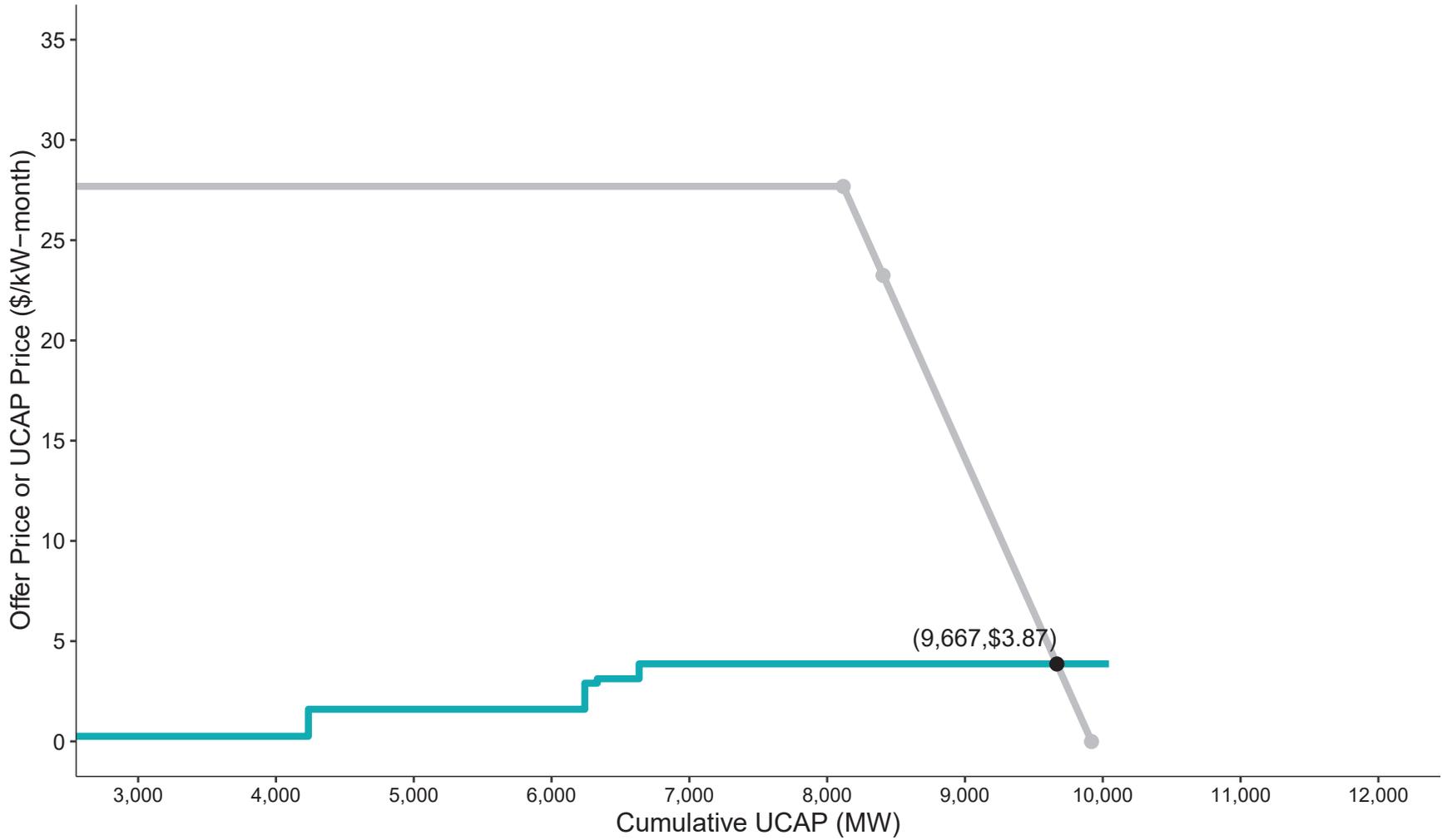
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2026
Capacity Locality: J
Season: Summer



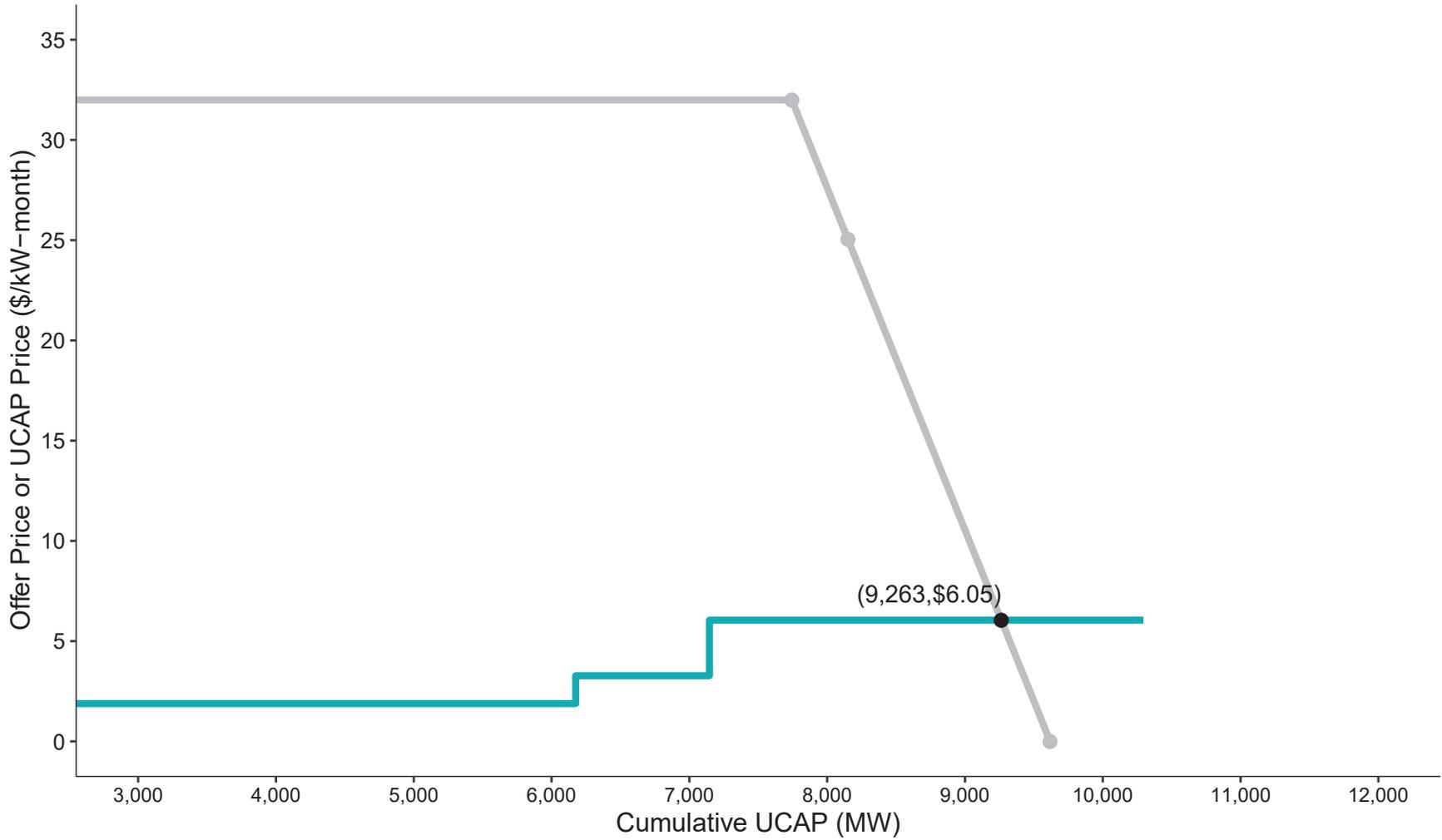
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Year: 2032
Capacity Locality: J
Season: Summer



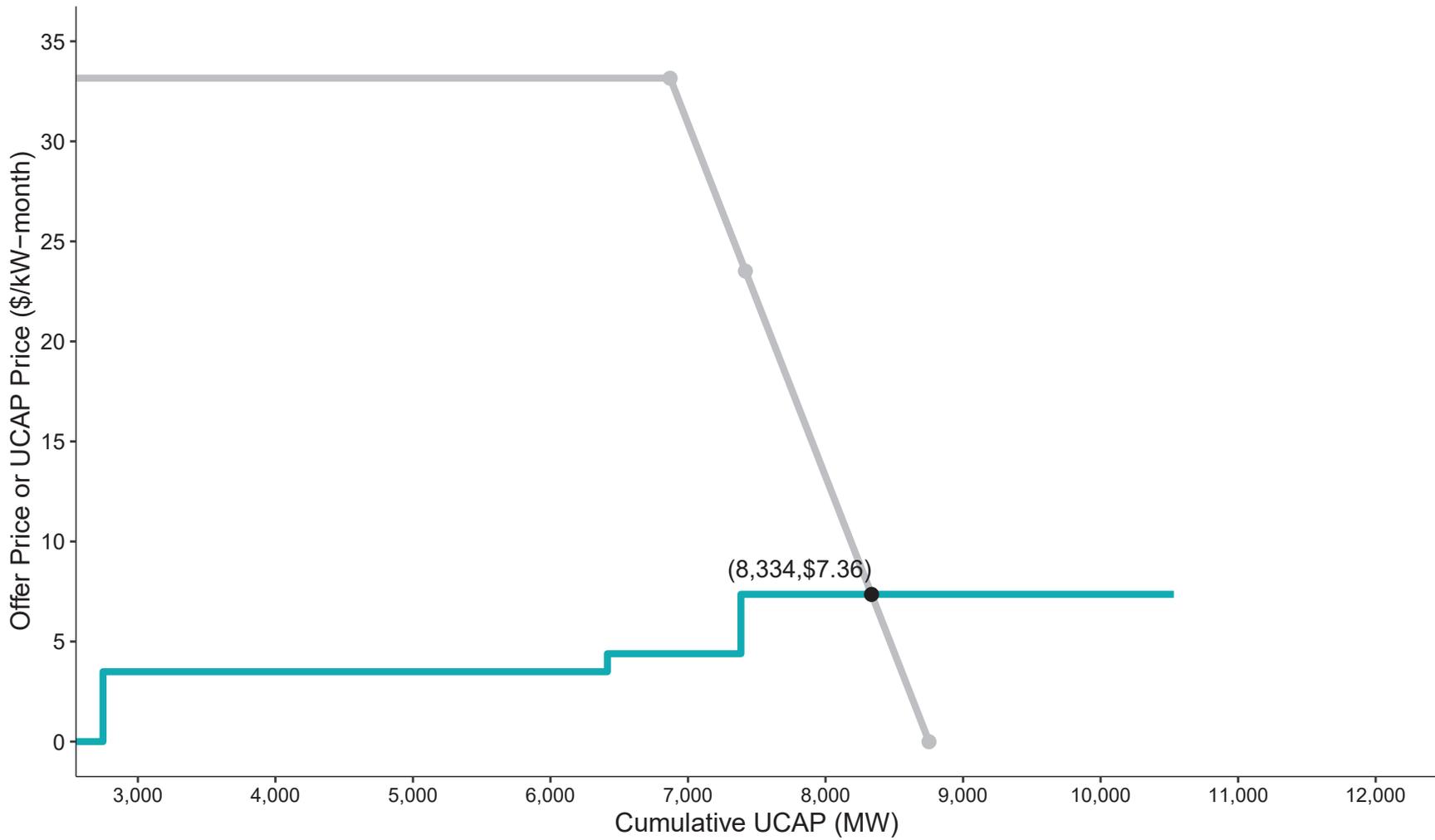
Supply and Demand Curves
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Year: 2022
Capacity Locality: J
Season: Winter



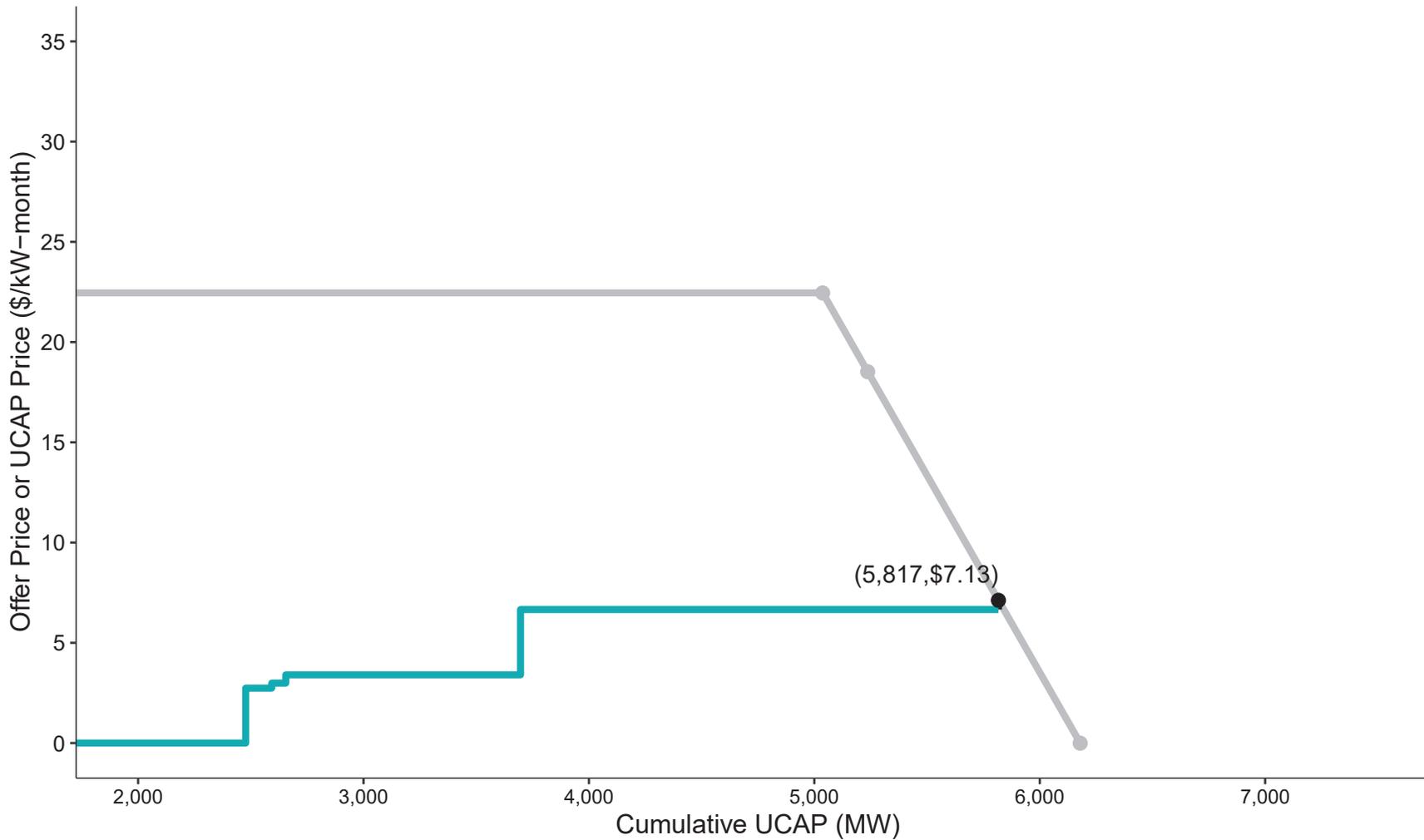
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2026
Capacity Locality: J
Season: Winter



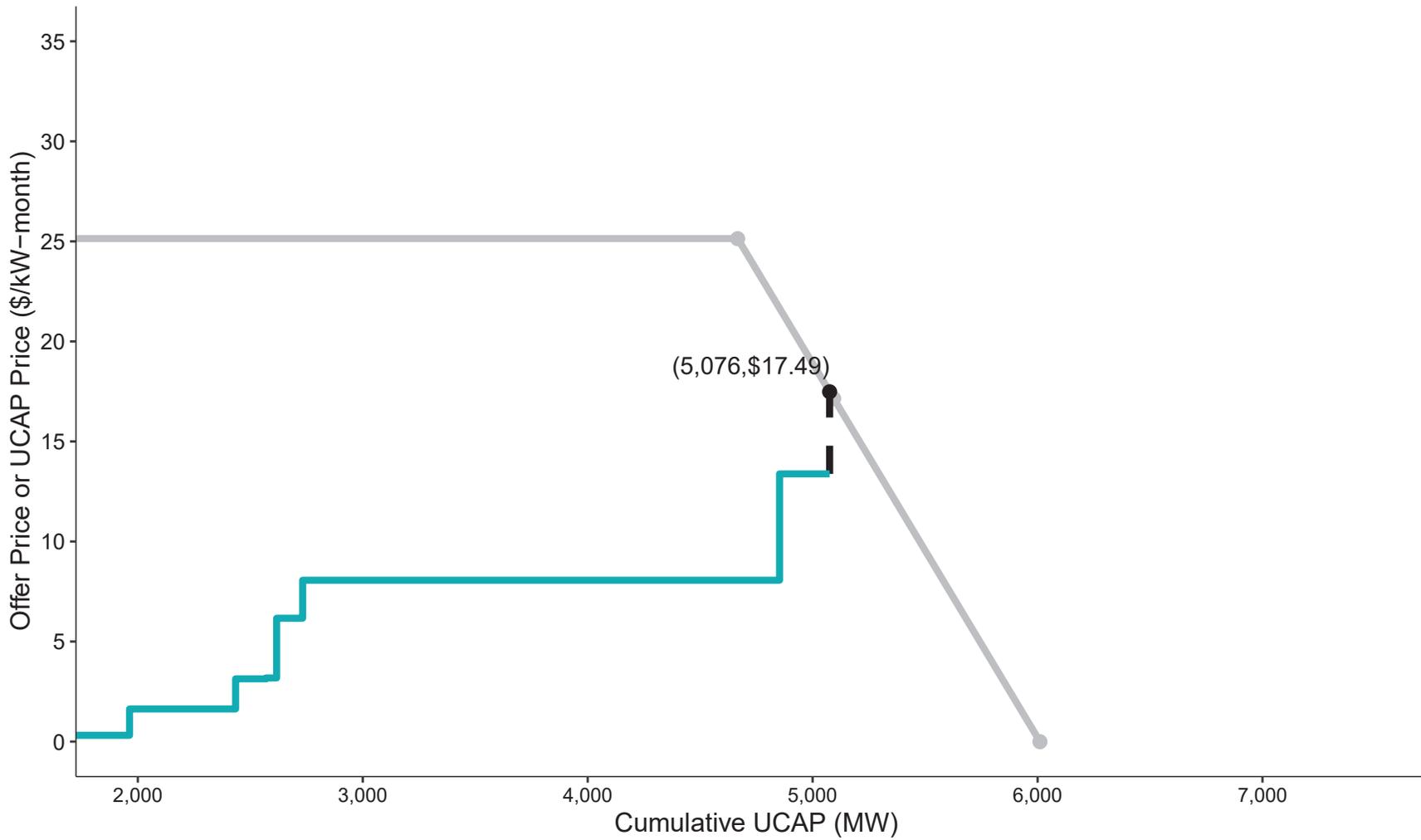
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2032
Capacity Locality: J
Season: Winter



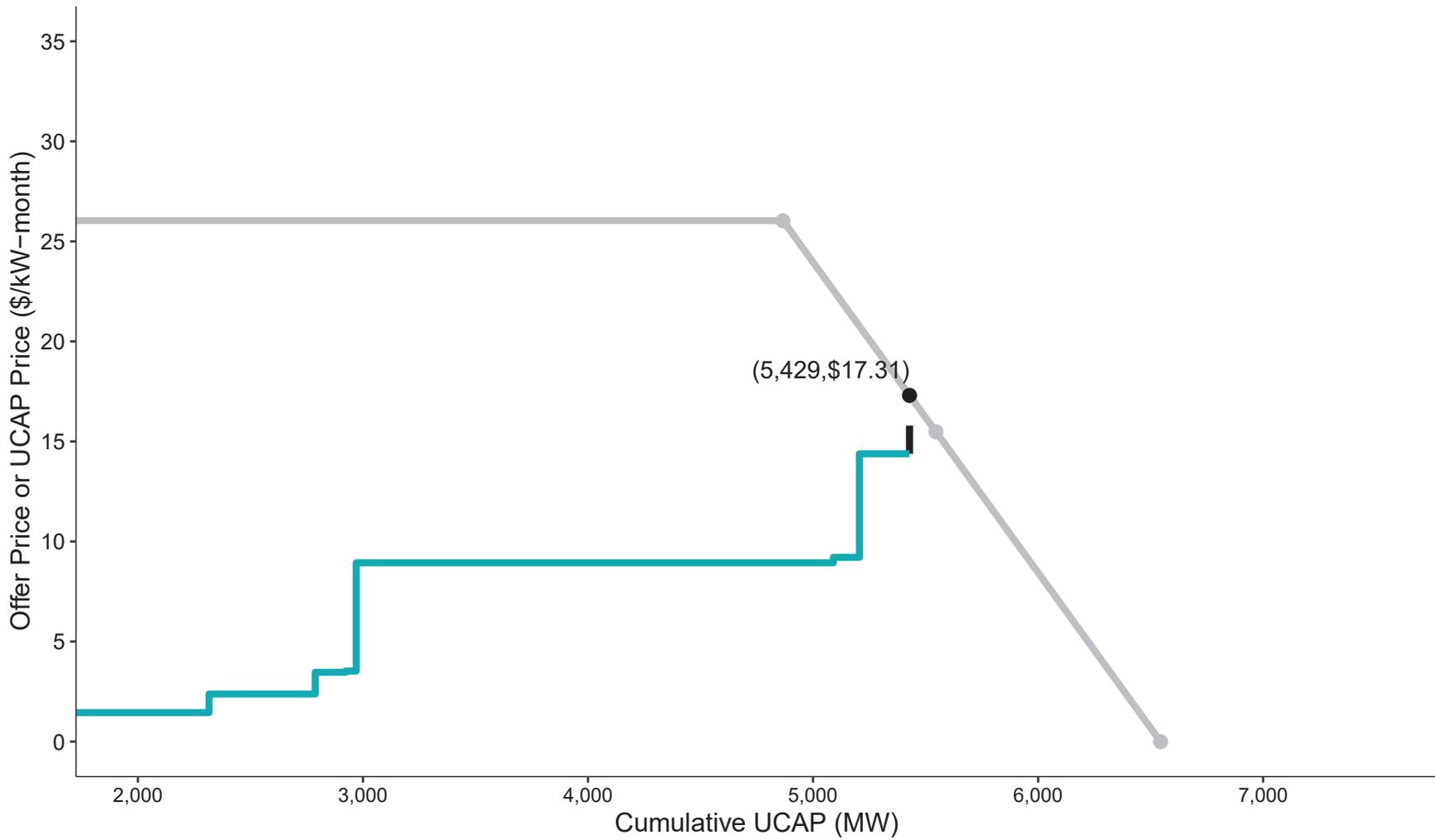
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2022
Capacity Locality: K
Season: Summer



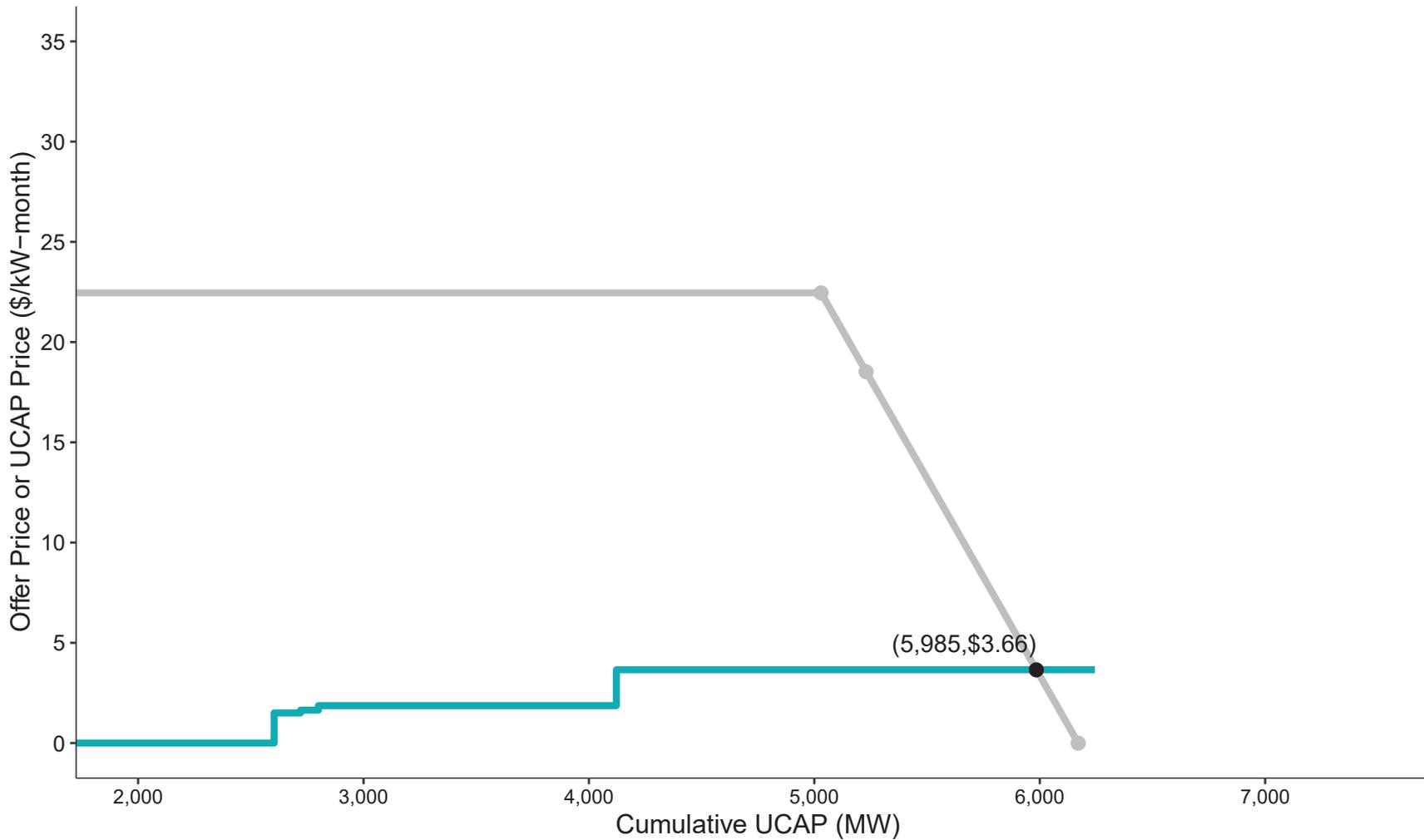
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2026
Capacity Locality: K
Season: Summer



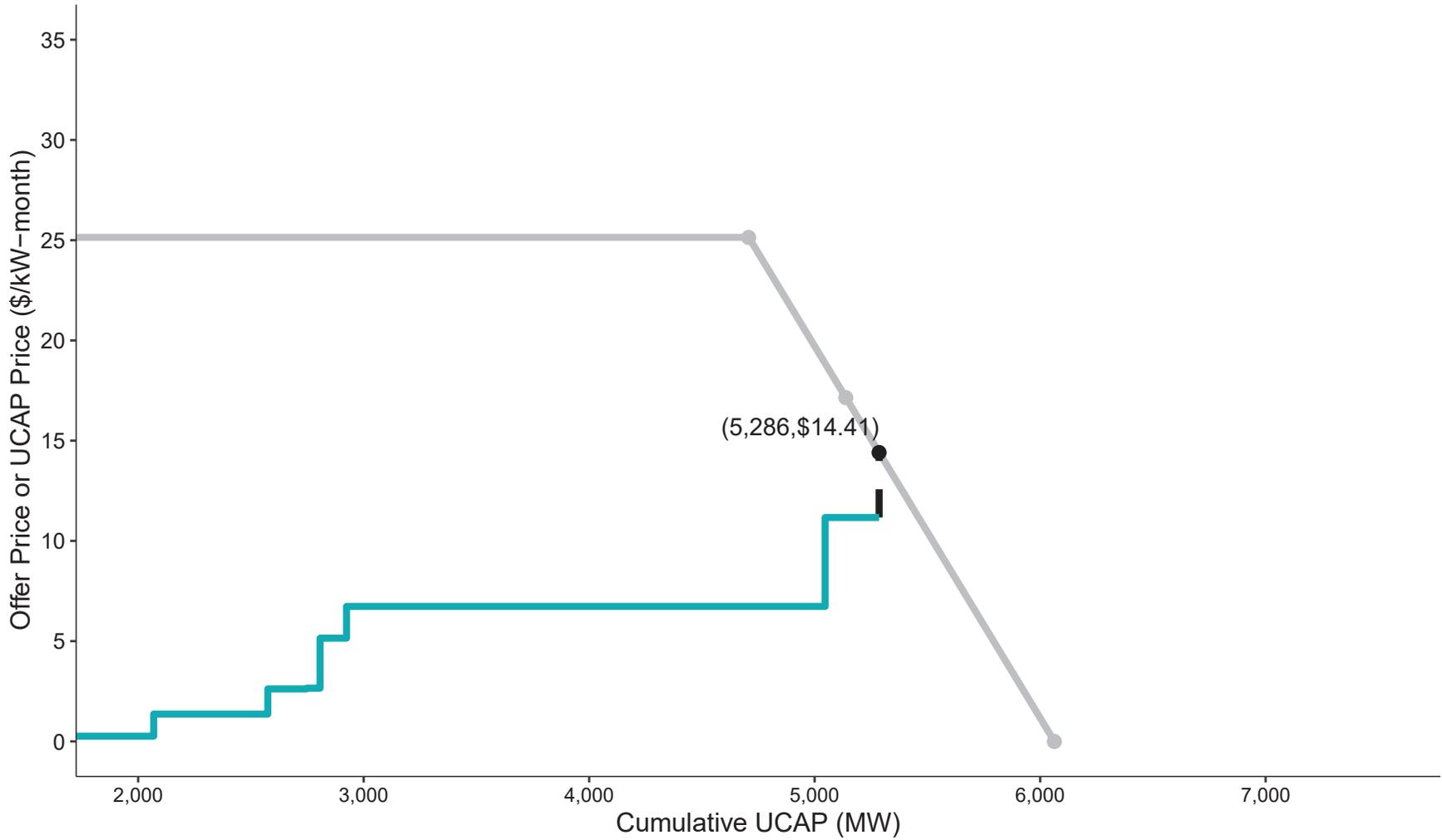
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Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2032
Capacity Locality: K
Season: Summer



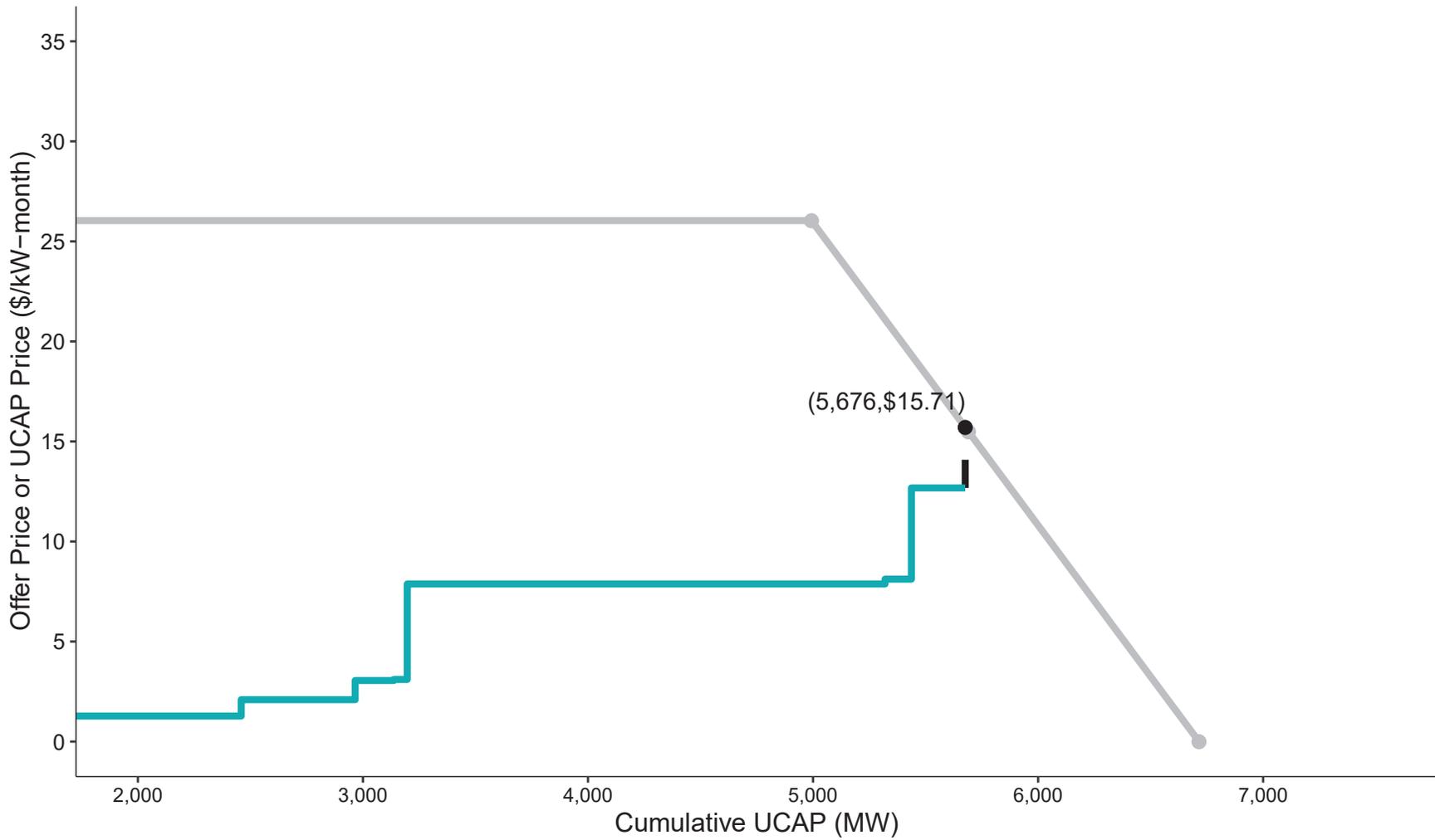
Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2022
Capacity Locality: K
Season: Winter



Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2026
Capacity Locality: K
Season: Winter



Supply and Demand Curves
Sensitivity: WACC Risk Premium (with TDI and CPNY)
Year: 2032
Capacity Locality: K
Season: Winter



Supply Inputs
Sensitivity: Alternate Peaking Technology

NYCA Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	26,315	24,322	23,481	21,833	23,485	21,836
Hydro	5,018	4,210	5,018	4,210	5,018	4,210
Nuclear	3,345	3,266	3,345	3,266	2,156	2,105
Onshore Wind	1,739	278	1,983	210	9,698	633
Offshore Wind	0	0	1,200	349	7,591	362
Utility-Scale Solar	56	26	5,056	942	16,669	702
Storage (2h)	592	258	2,156	816	4,264	1,266
Storage (4h)	2	2	9	7	386	229
Net Imports	973	973	973	973	973	973
SCRs	1,185	1,067	1,185	1,185	1,185	1,185
UDRs	1,042	1,042	1,042	1,042	1,042	1,042
Other Resources	2,671	2,541	2,571	2,450	3,251	3,109
TDI	0	0	0	0	0	0
Total	42,939	37,985	48,021	37,283	75,719	37,653

G-J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	14,029	12,951	12,306	11,417	12,306	11,417
Hydro	101	52	101	52	101	52
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	694	202	5,060	241
Utility-Scale Solar	0	0	0	0	944	40
Storage (2h)	1	1	1,343	509	1,436	426
Storage (4h)	0	0	4	3	158	94
Net Imports	0	0	0	0	0	0
SCRs	523	470	523	523	523	523
UDRs	299	299	299	299	299	299
Other Resources	19	18	75	72	339	328
TDI	0	0	0	0	0	0
Total	14,972	13,791	15,345	13,077	21,165	13,420

Supply Inputs
Sensitivity: Alternate Peaking Technology

J Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	9,519	8,775	7,796	7,241	7,796	7,240
Hydro	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	694	202	5,060	241
Utility-Scale Solar	0	0	0	0	0	0
Storage (2h)	1	0	1,342	508	1,433	425
Storage (4h)	0	0	4	3	157	93
Net Imports	0	0	0	0	0	0
SCRs	428	385	428	428	428	428
UDRs	299	299	299	299	299	299
Other Resources	0	0	54	52	239	232
TDI	0	0	0	0	0	0
Total	10,247	9,459	10,618	8,733	15,412	8,959

K Summer Capacity by Unit Type (MW)	2022		2026		2032	
	ICAP	UCAP	ICAP	UCAP	ICAP	UCAP
Fossil Fuel	5,148	4,636	4,037	3,681	4,037	3,681
Hydro	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0
Onshore Wind	0	0	0	0	0	0
Offshore Wind	0	0	506	147	2,531	121
Utility-Scale Solar	56	26	56	11	56	2
Storage (2h)	589	257	812	307	1,378	409
Storage (4h)	2	1	4	3	223	132
Net Imports	0	0	0	0	0	0
SCRs	43	39	43	43	43	43
UDRs	743	743	743	743	743	743
Other Resources	121	115	157	150	326	314
TDI	0	0	0	0	0	0
Total	6,703	5,818	6,357	5,085	9,336	5,445

Demand Inputs

Sensitivity: Alternate Peaking Technology

UCAP Reference Point Price (\$/kW-mo)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	\$9.43	\$16.96	\$17.10	\$9.43	\$16.96	\$17.10
G-J Locality	\$15.12	\$19.83	\$19.56	\$15.12	\$19.83	\$19.56
NYC (J)	\$23.25	\$25.80	\$25.74	\$23.25	\$25.80	\$25.74
LI (K)	\$18.53	\$17.86	\$17.30	\$18.53	\$17.86	\$17.30

UCAP/ICAP Translation Factors (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	12.4%	24.4%	53.2%	11.3%	24.8%	52.8%
G-J Locality	8.0%	15.6%	38.1%	7.8%	14.9%	36.5%
NYC (J)	7.8%	19.1%	43.9%	7.7%	18.0%	41.9%
LI (K)	14.9%	22.8%	45.5%	15.0%	22.2%	44.1%

UCAP Capacity Requirement (MW)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	34,429	33,284	34,733	34,835	33,122	35,055
G-J Locality	12,816	11,689	12,499	12,835	11,792	12,810
NYC (J)	8,397	8,051	8,348	8,405	8,151	8,652
LI (K)	5,237	5,094	5,546	5,229	5,138	5,691

UCAP Reserve Margin (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	107.9%	104.9%	98.0%	109.1%	104.4%	98.9%
G-J Locality	85.7%	79.2%	76.8%	85.9%	79.9%	78.7%
NYC (J)	77.8%	75.8%	71.5%	77.9%	76.7%	74.1%
LI (K)	96.9%	93.9%	88.1%	96.7%	94.7%	90.4%

IRM/LCR (%)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	123.1%	138.9%	209.6%	123.1%	138.9%	209.6%
G-J Locality	93.2%	93.9%	123.9%	93.2%	93.9%	123.9%
NYC (J)	84.4%	93.6%	127.5%	84.4%	93.6%	127.5%
LI (K)	113.8%	121.7%	161.6%	113.8%	121.7%	161.6%

Outputs

Sensitivity: Alternate Peaking Technology

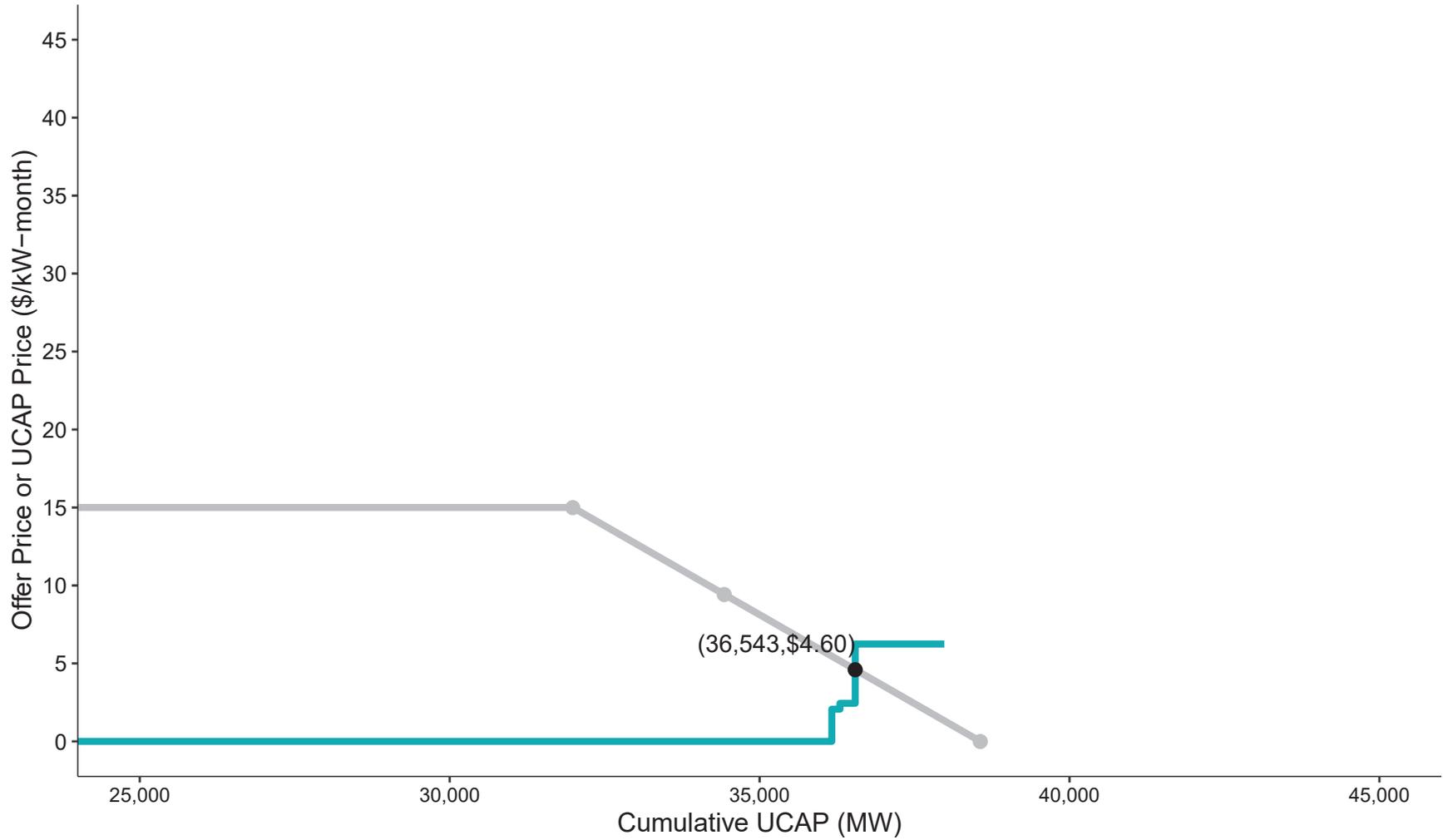
Clearing Prices (\$/kW-mo)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	\$4.60	\$7.37	\$7.81	\$3.33	\$5.13	\$6.67
G-J Locality	\$7.46	\$9.02	\$12.09	\$3.87	\$5.81	\$7.93
NYC (J)	\$7.46	\$15.35	\$18.14	\$3.87	\$8.98	\$14.28
LI (K)	\$7.13	\$18.21	\$19.33	\$3.66	\$15.01	\$17.55

Clearing UCAP Quantities (MW)	Summer			Winter		
	2022	2026	2032	2022	2026	2032
NYCA	36,543	35,541	36,998	37,540	35,894	37,620
G-J Locality	13,791	12,644	13,215	14,268	13,043	13,952
NYC (J)	9,459	8,638	8,792	9,667	9,107	9,345
LI (K)	5,817	5,076	5,429	5,985	5,286	5,676

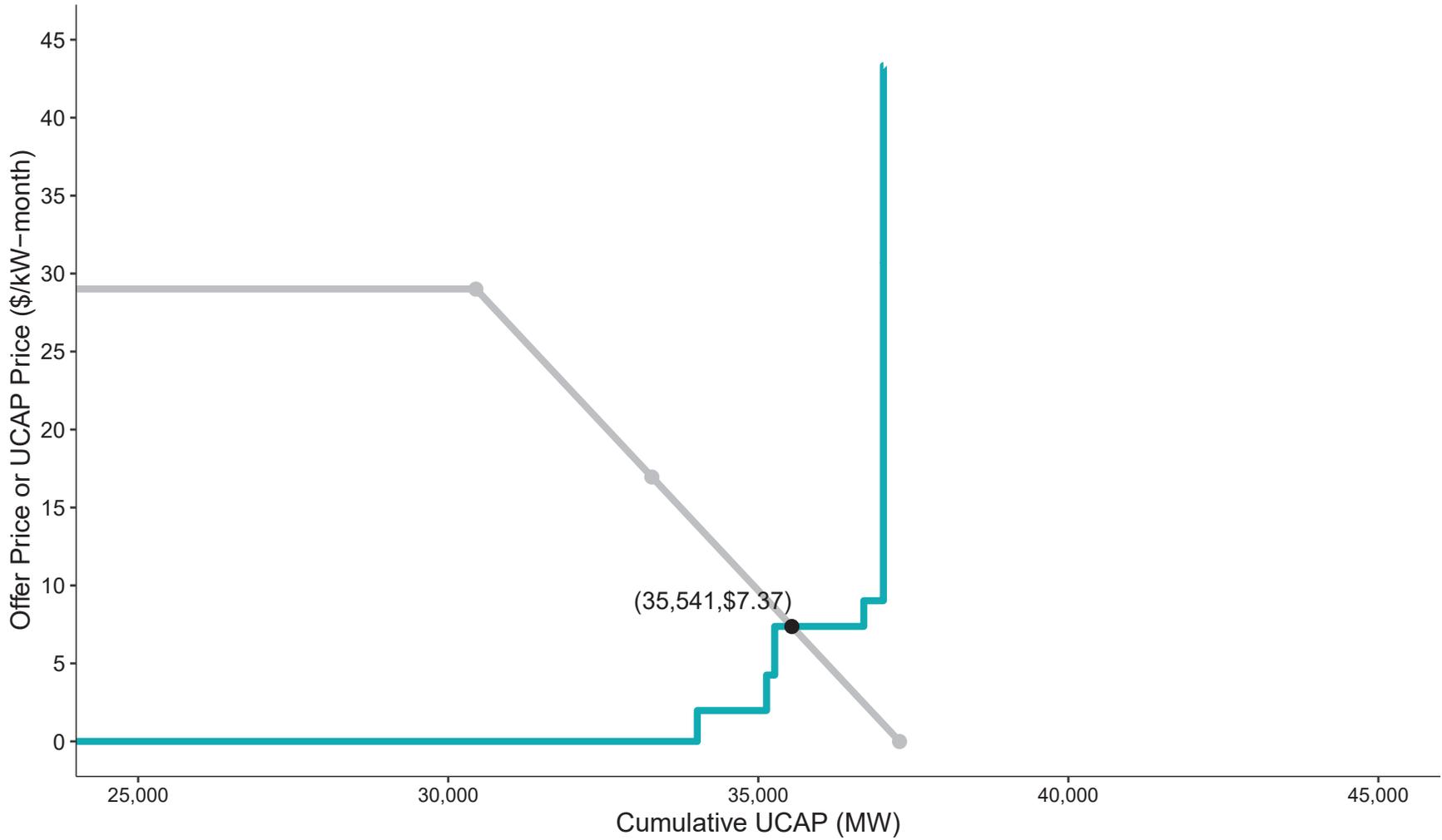
Note:

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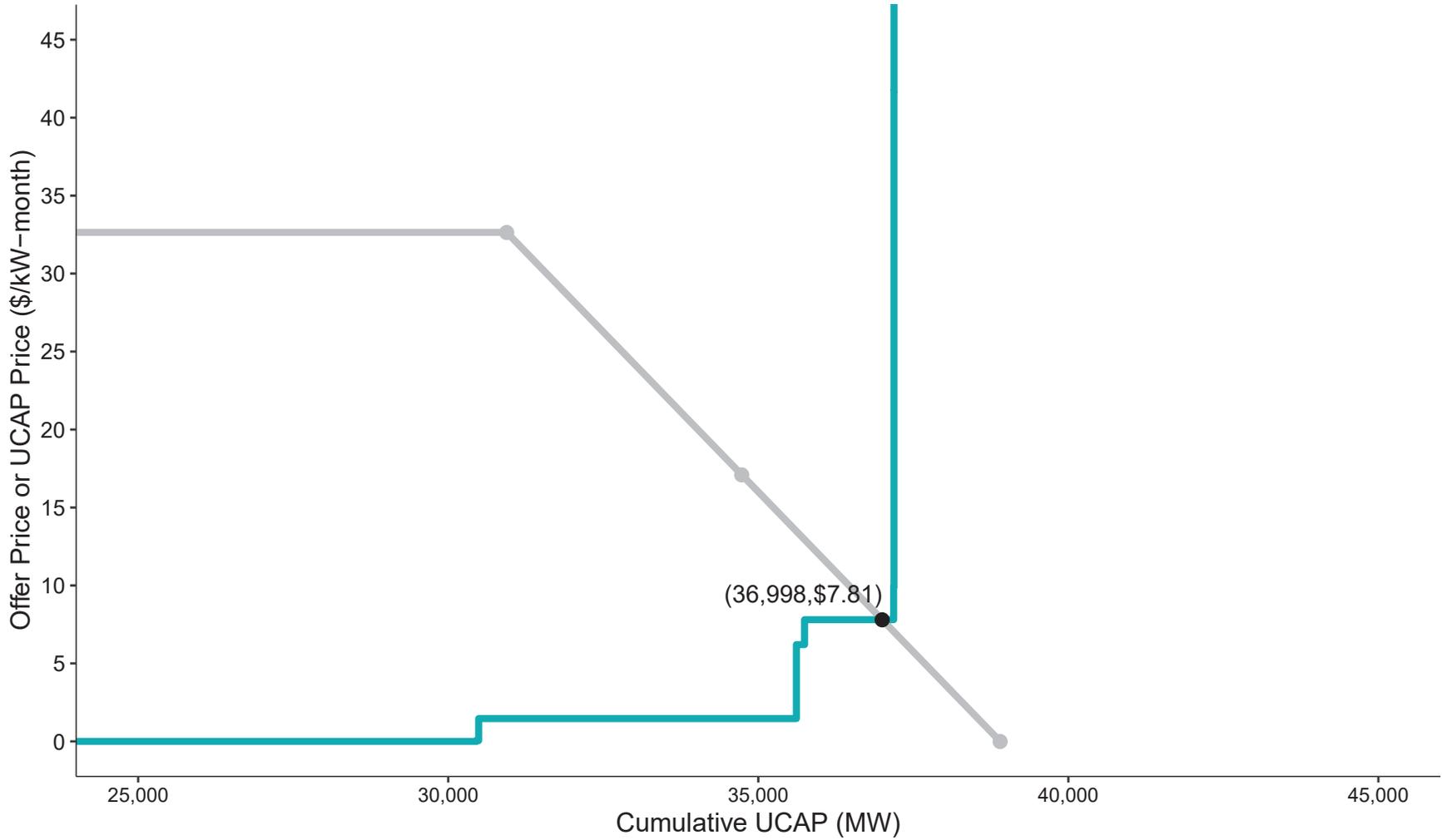
Supply and Demand Curves
Sensitivity: Alternate Peaking Technology
Year: 2022
Capacity Locality: NYCA
Season: Summer



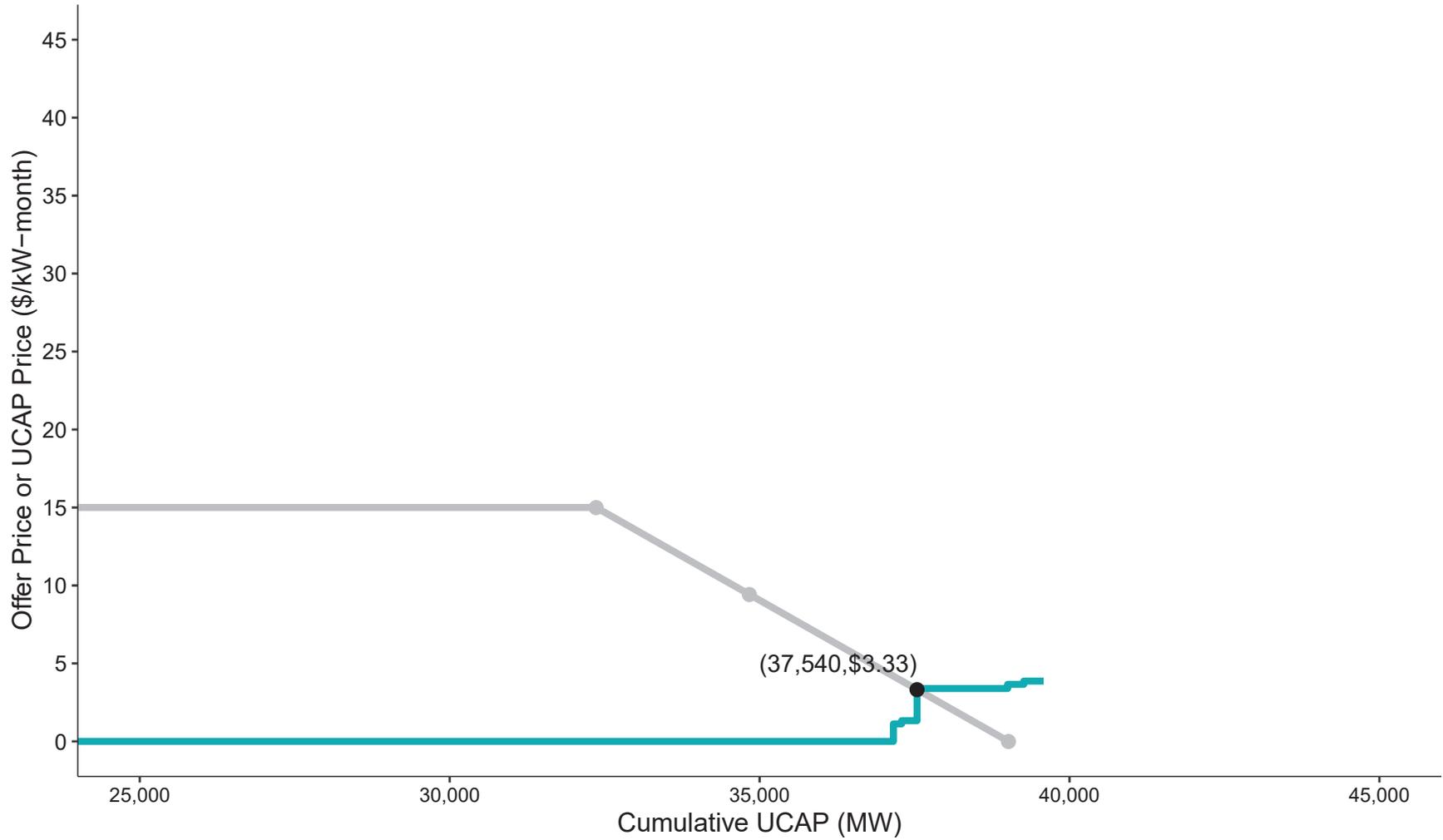
Supply and Demand Curves
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Season: Summer



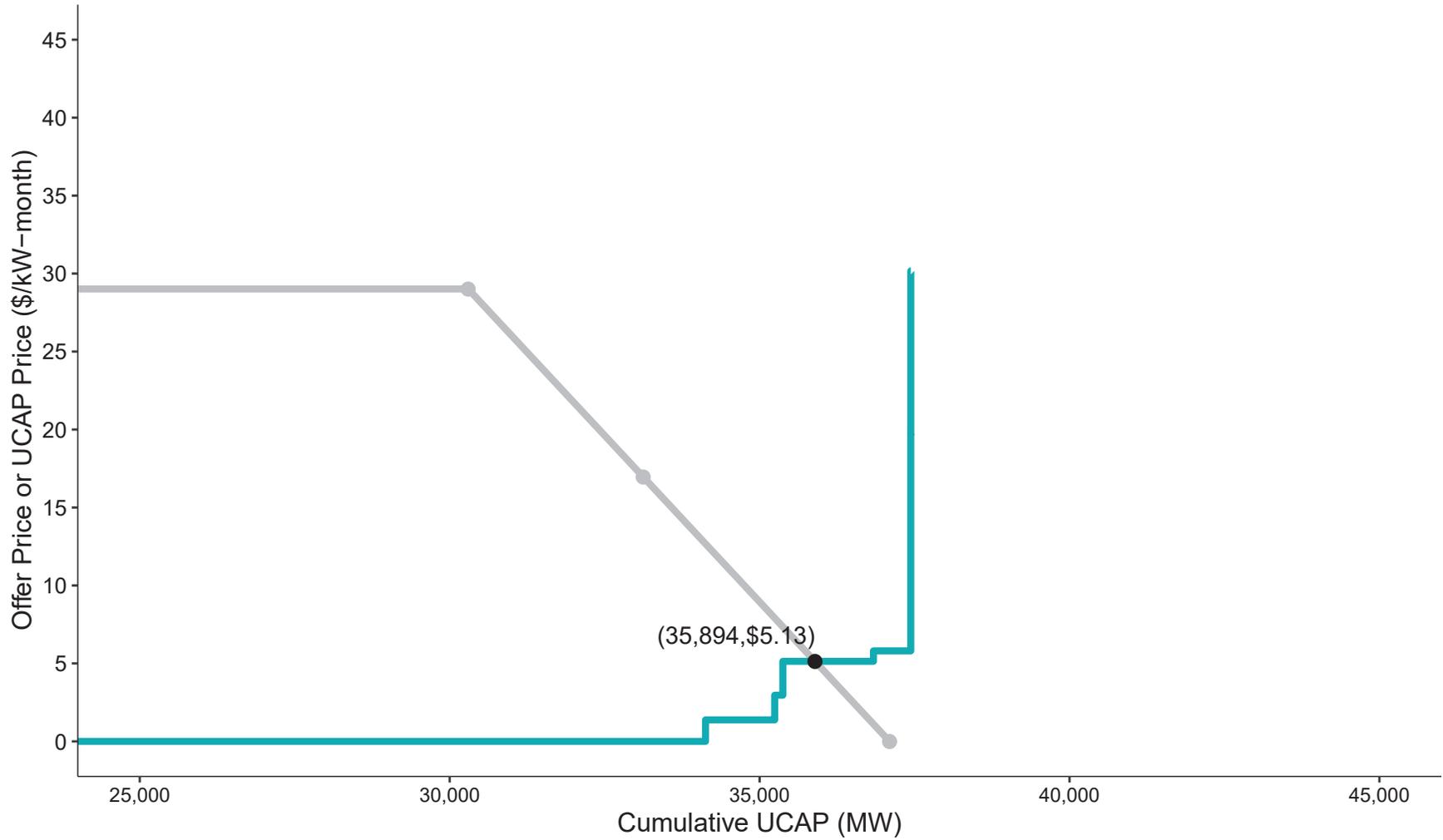
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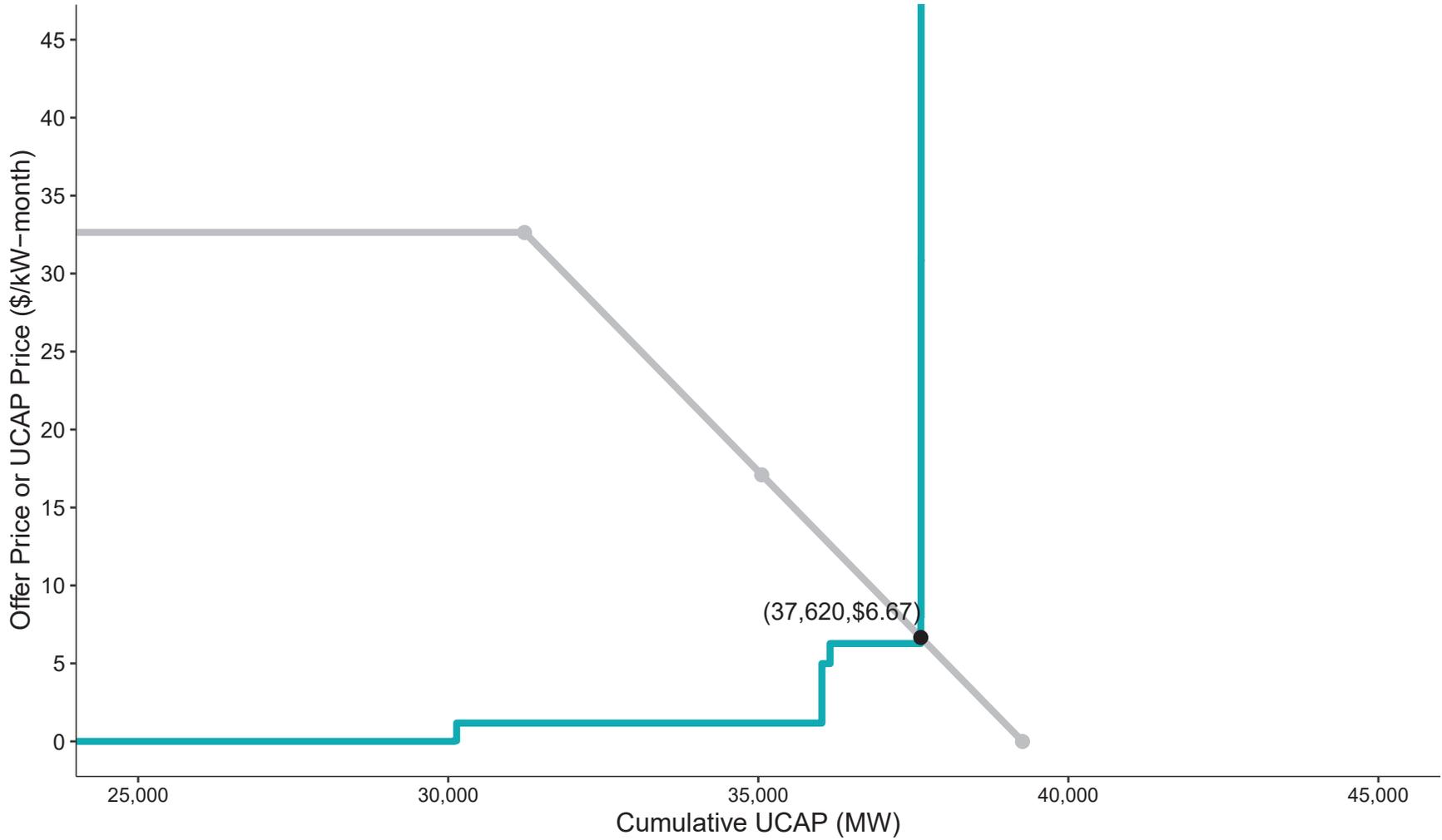
Supply and Demand Curves
Sensitivity: Alternate Peaking Technology
Year: 2022
Capacity Locality: NYCA
Season: Winter



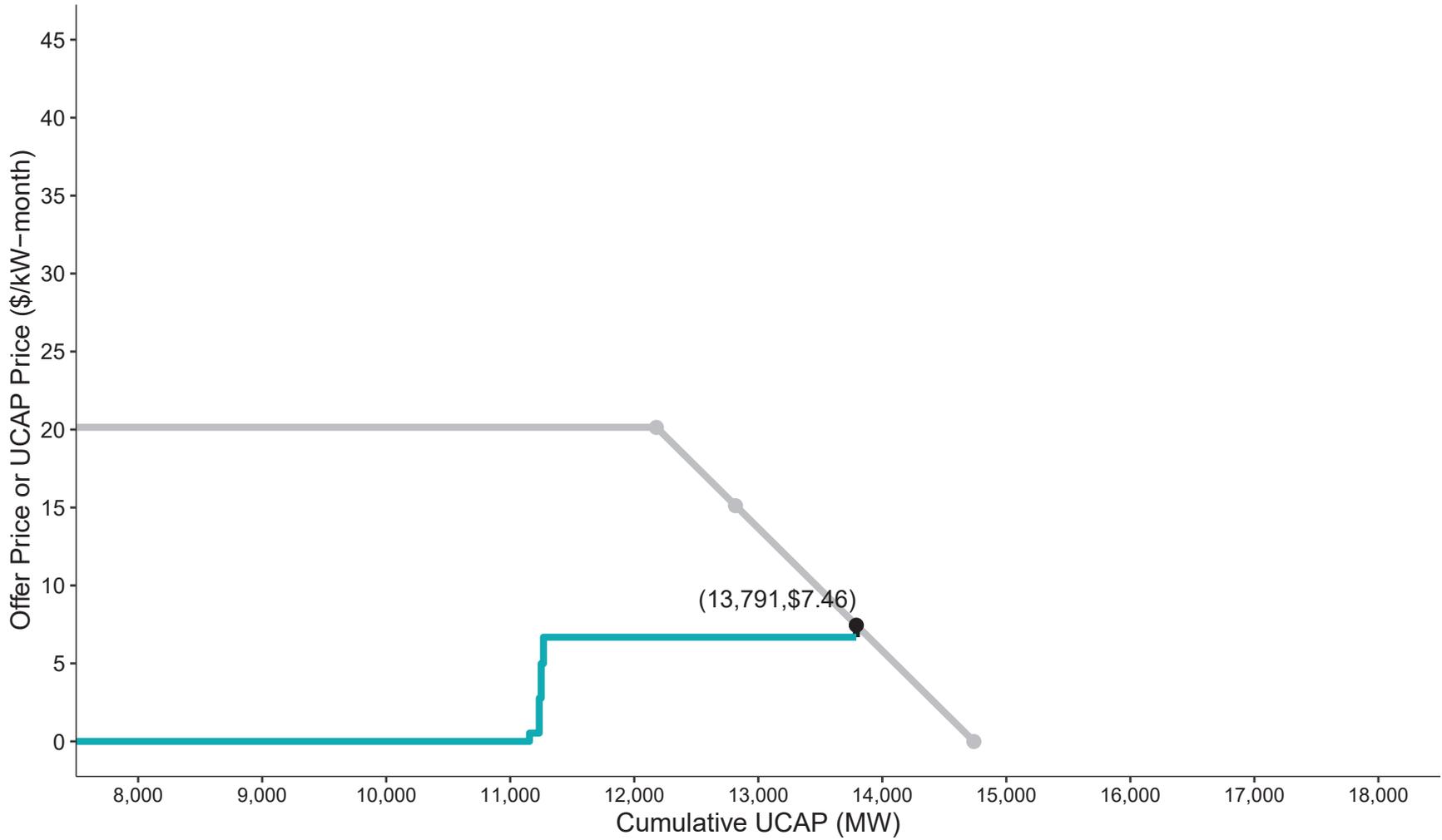
Supply and Demand Curves
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Capacity Locality: NYCA
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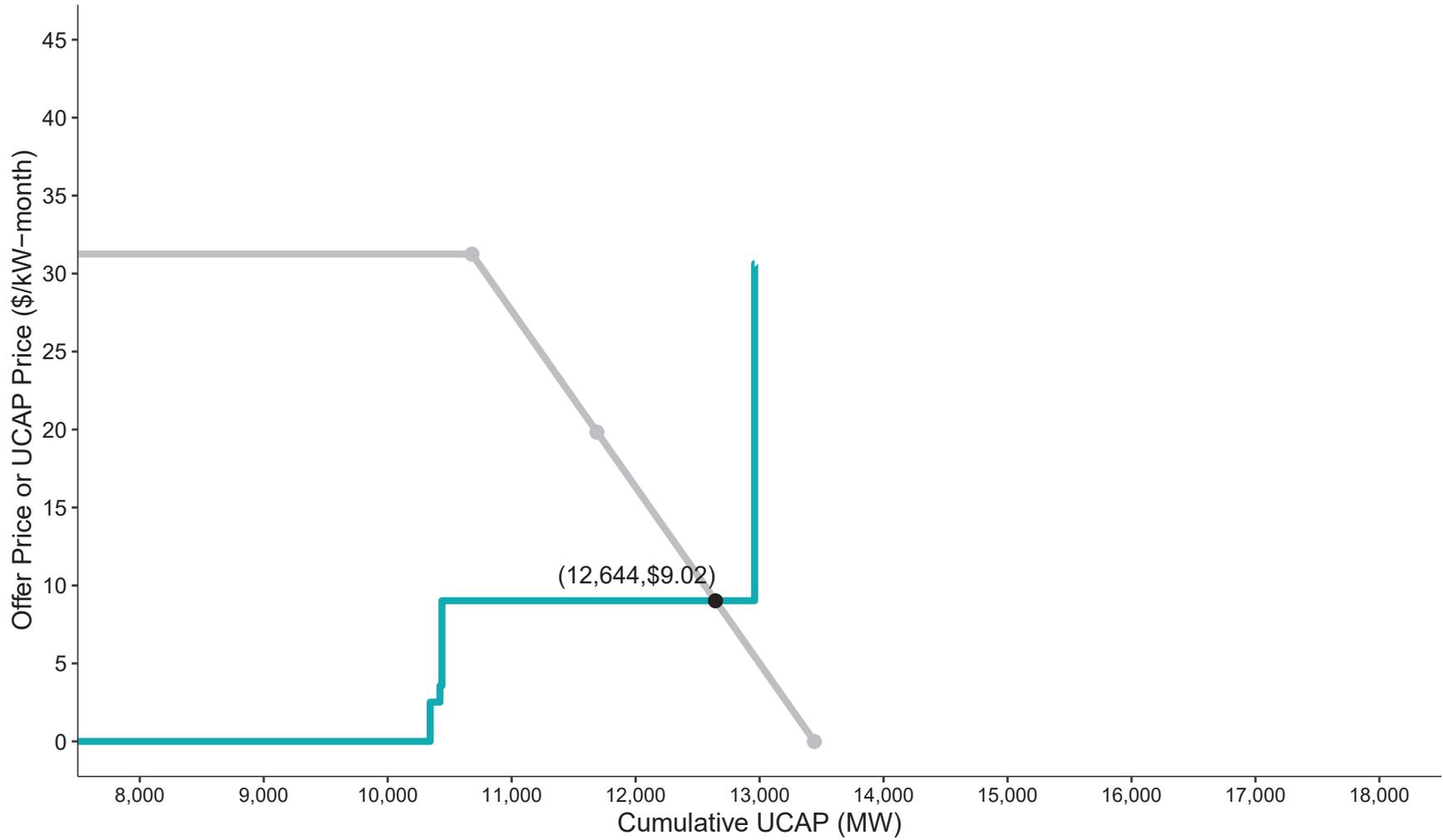
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Sensitivity: Alternate Peaking Technology
Year: 2032
Capacity Locality: NYCA
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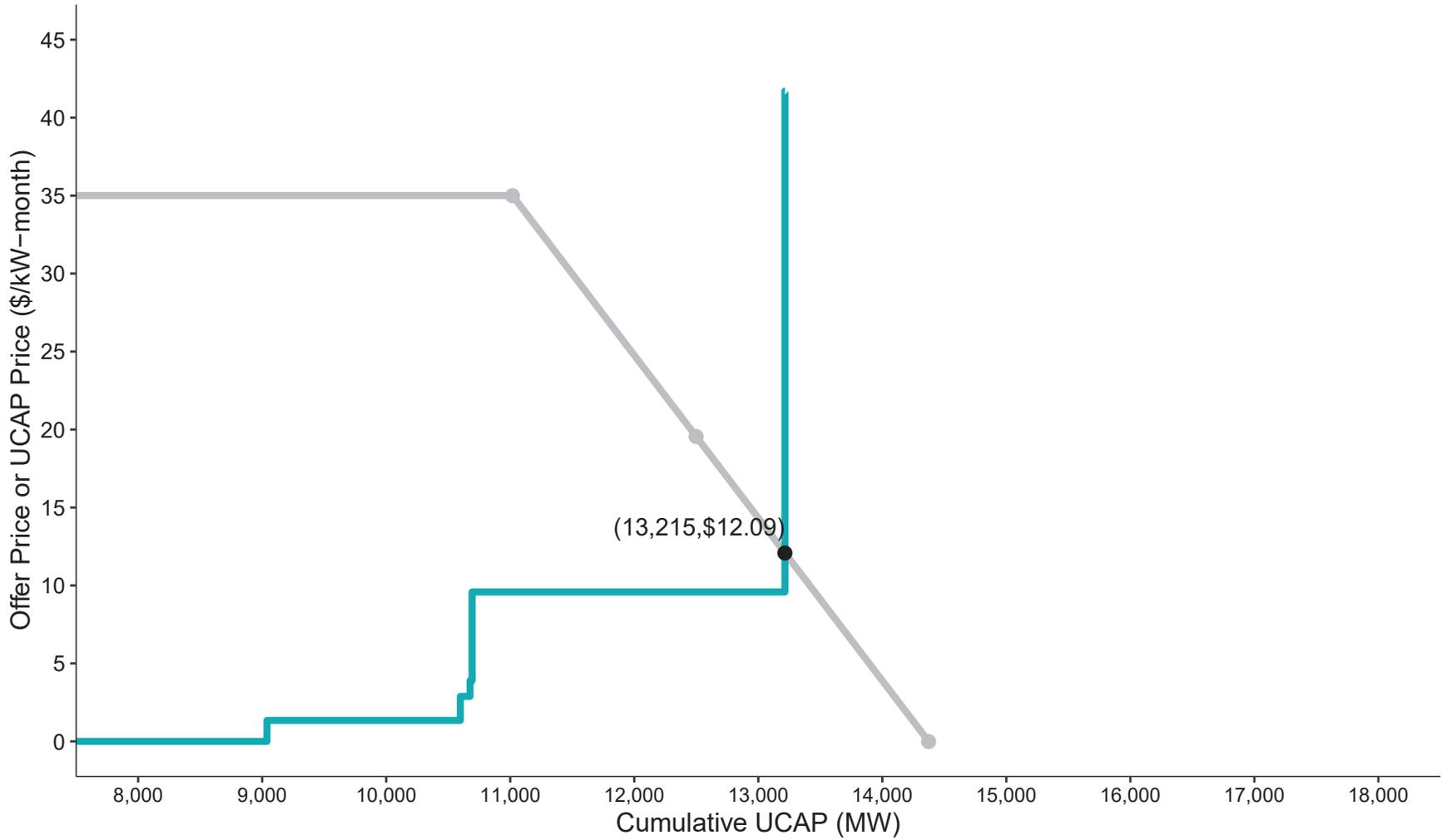
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Sensitivity: Alternate Peaking Technology
Year: 2022
Capacity Locality: GJ
Season: Summer



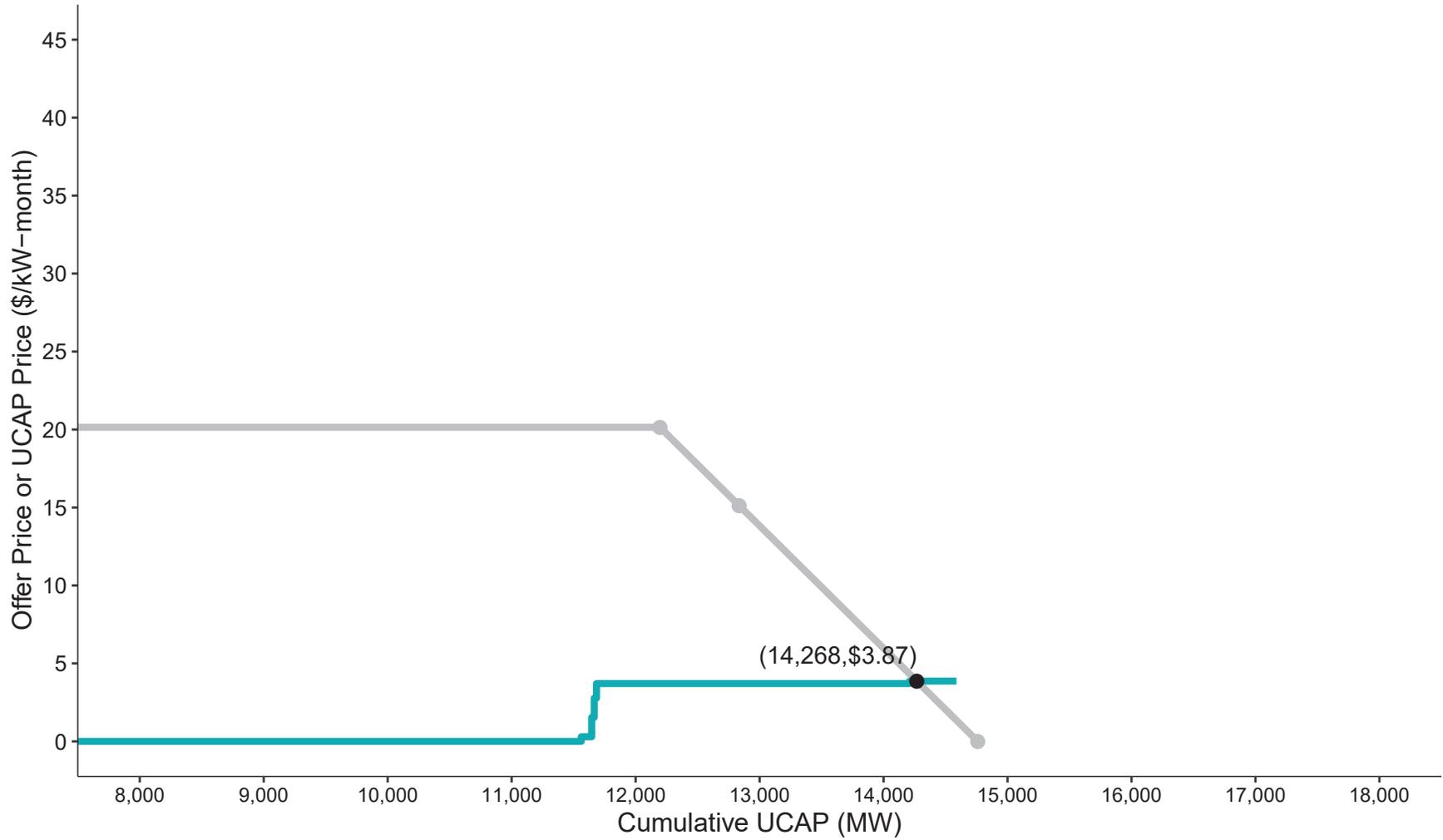
Supply and Demand Curves
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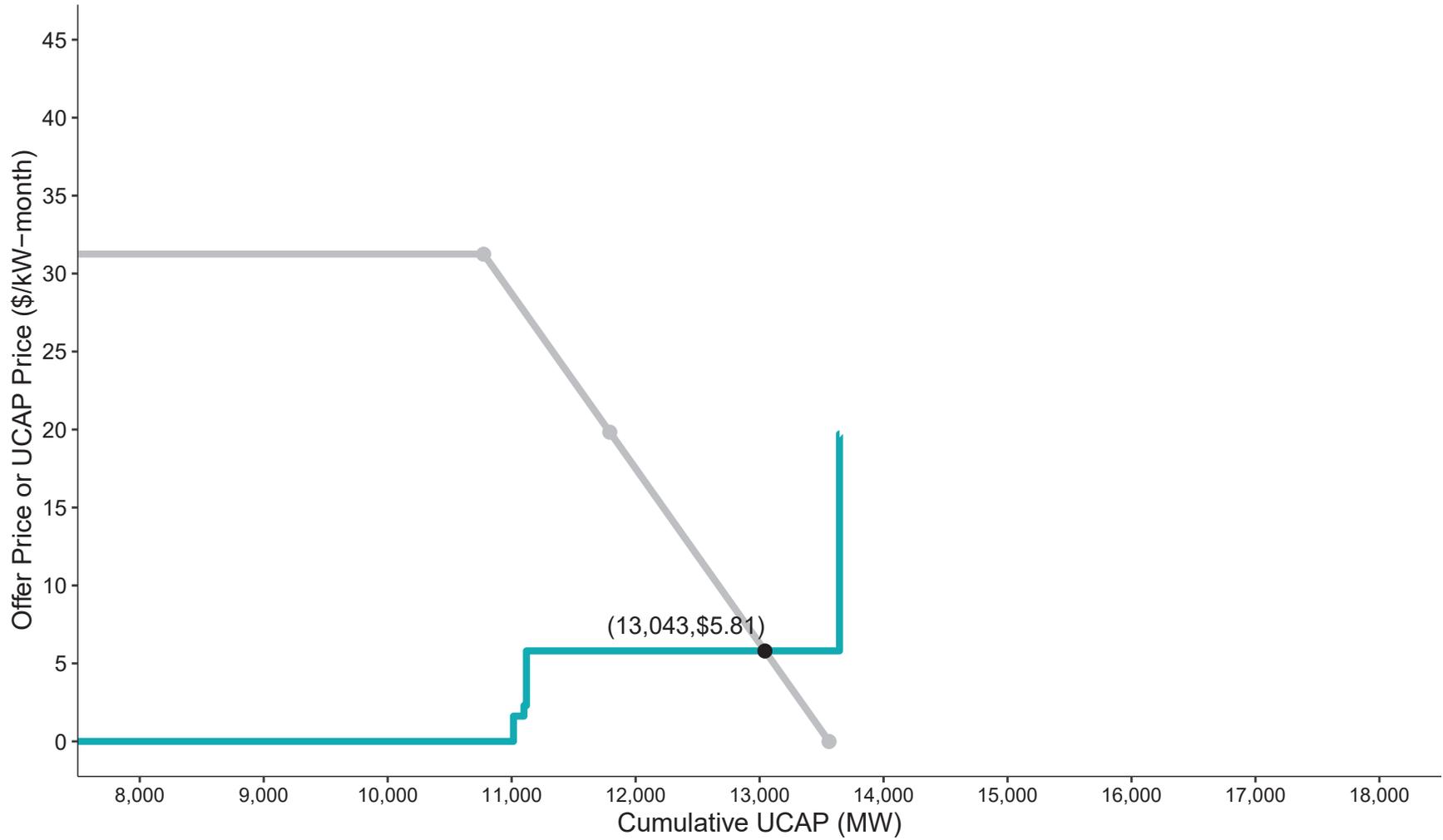
Supply and Demand Curves
Sensitivity: Alternate Peaking Technology
Year: 2032
Capacity Locality: GJ
Season: Summer



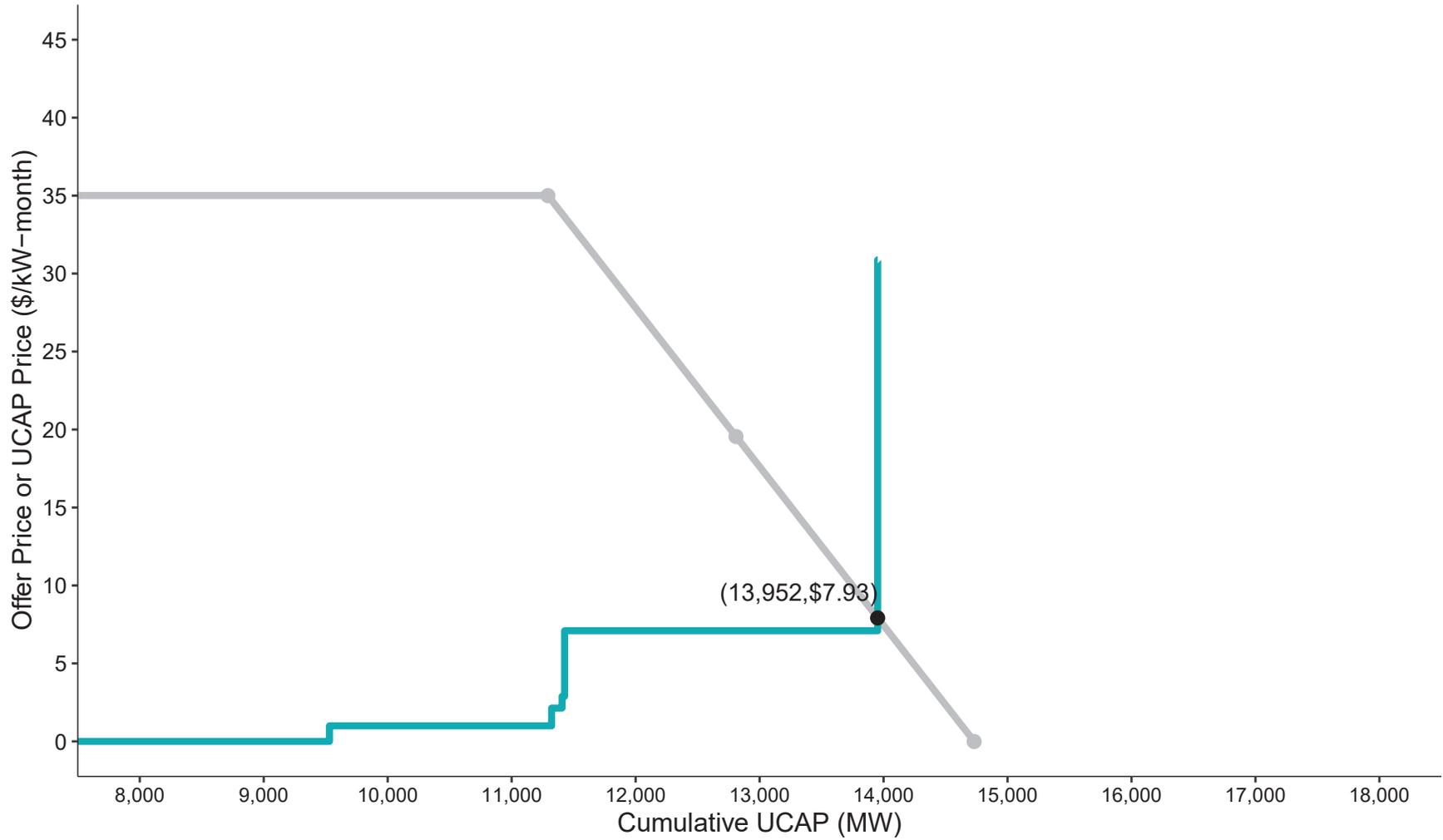
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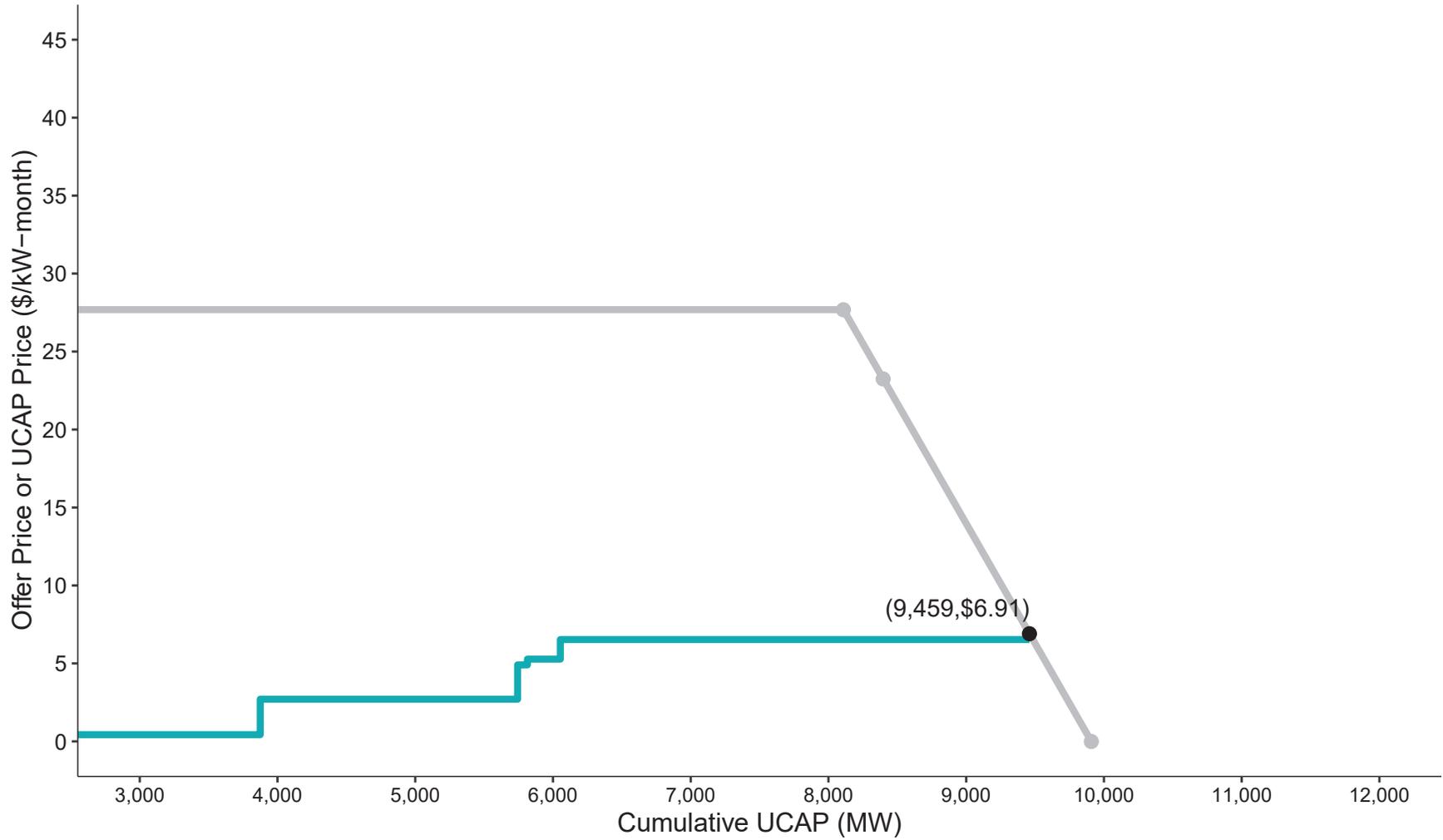
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Season: Winter



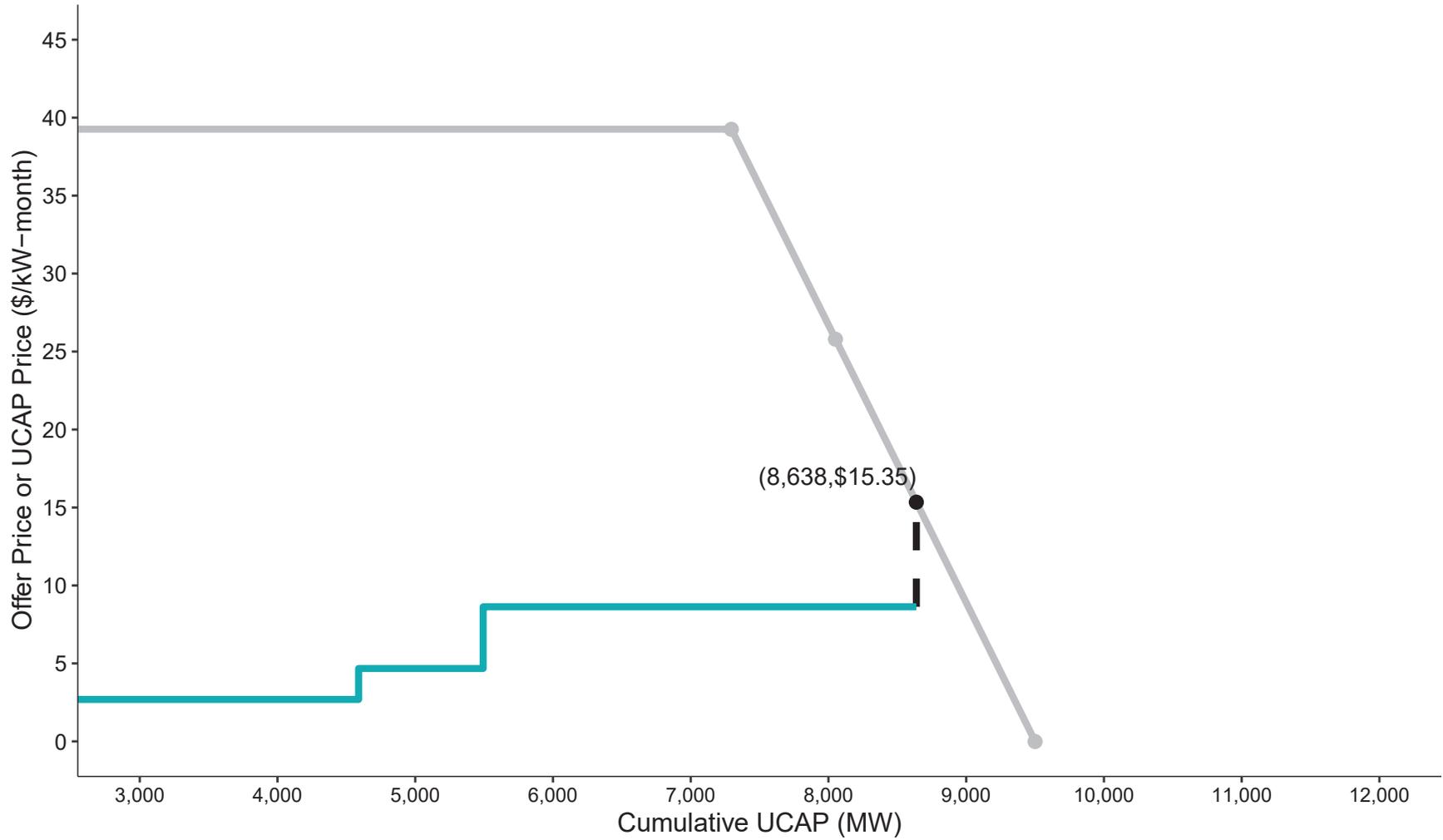
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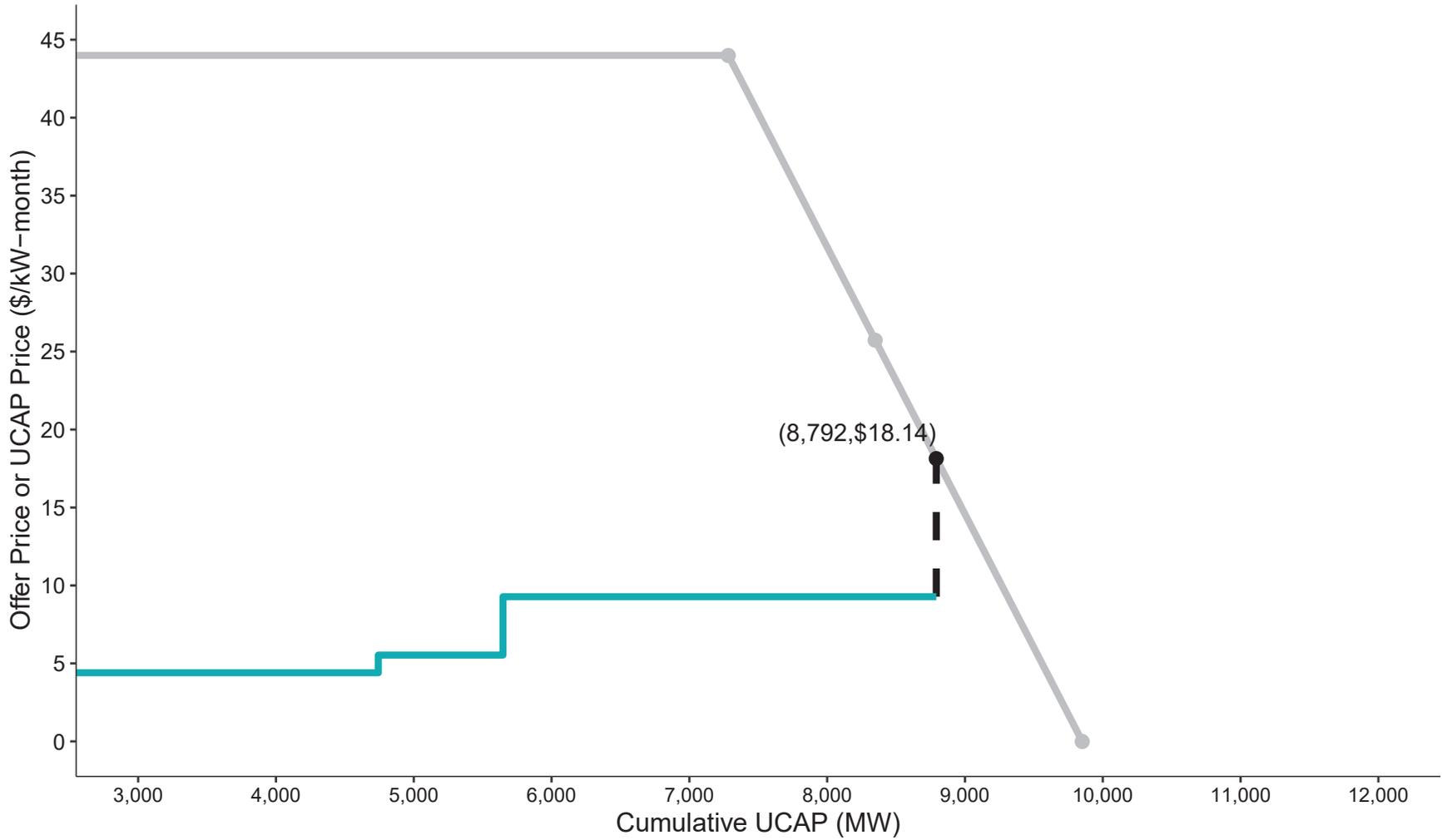
Supply and Demand Curves
Sensitivity: Alternate Peaking Technology
Year: 2022
Capacity Locality: J
Season: Summer



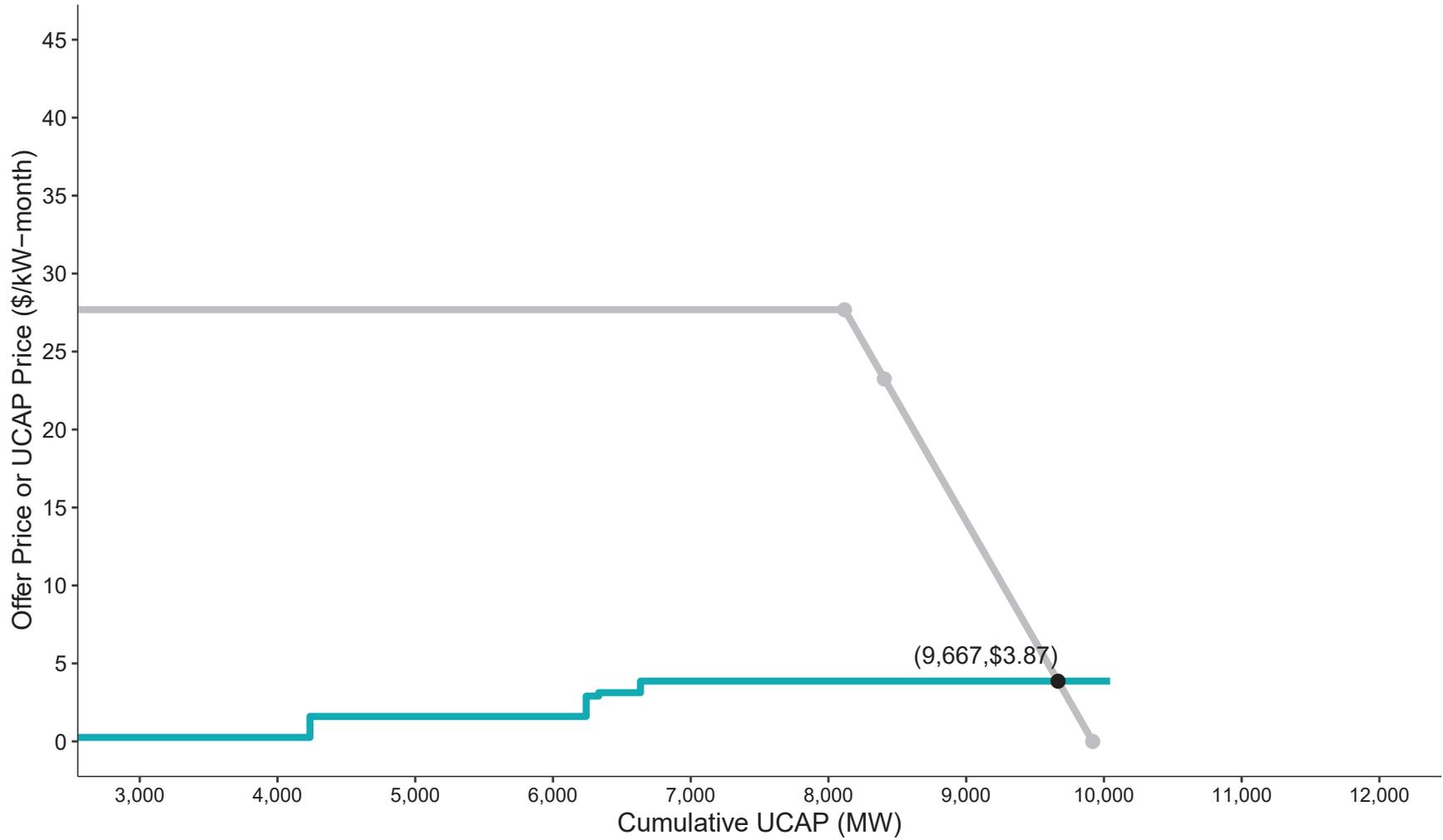
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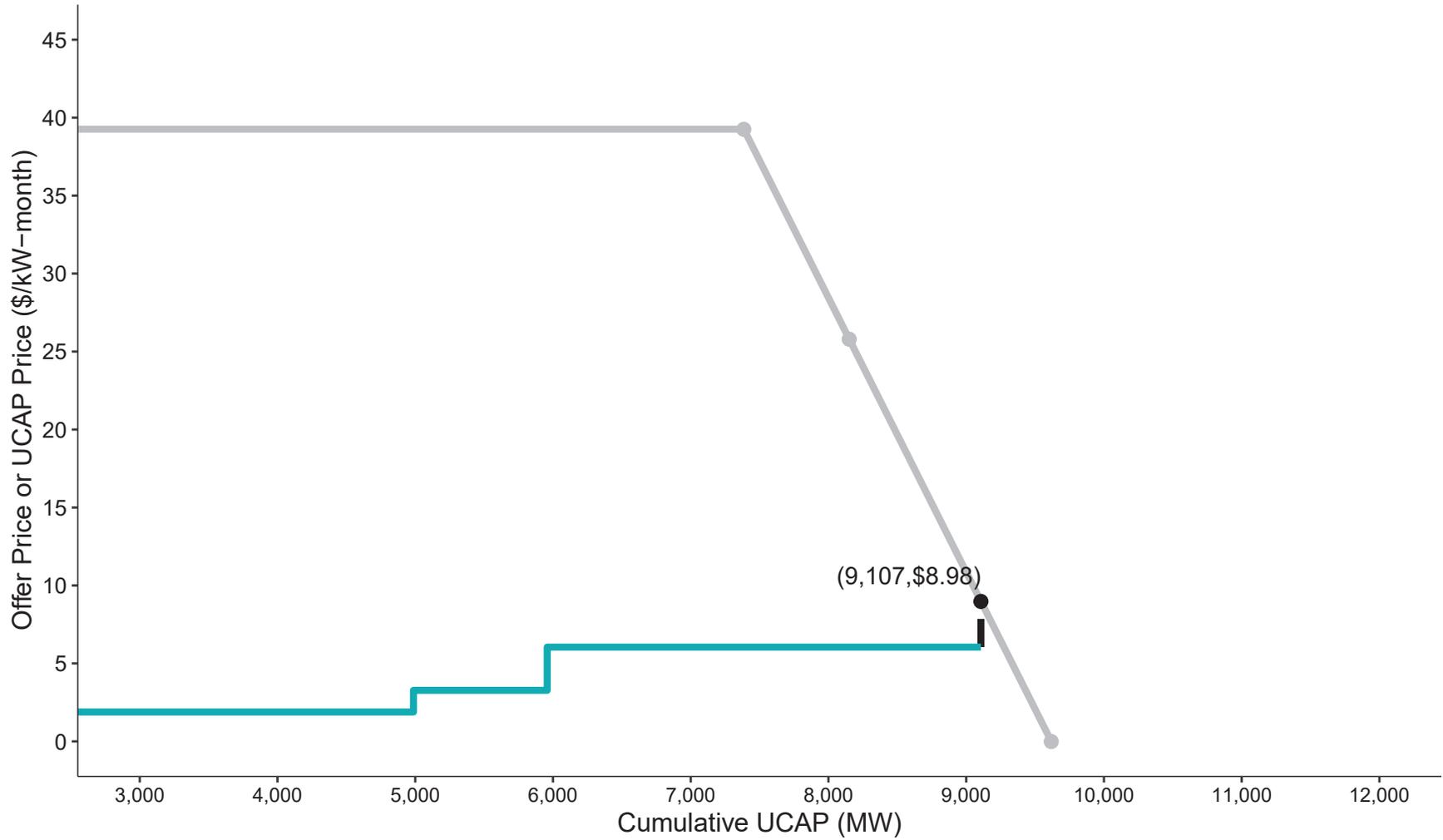
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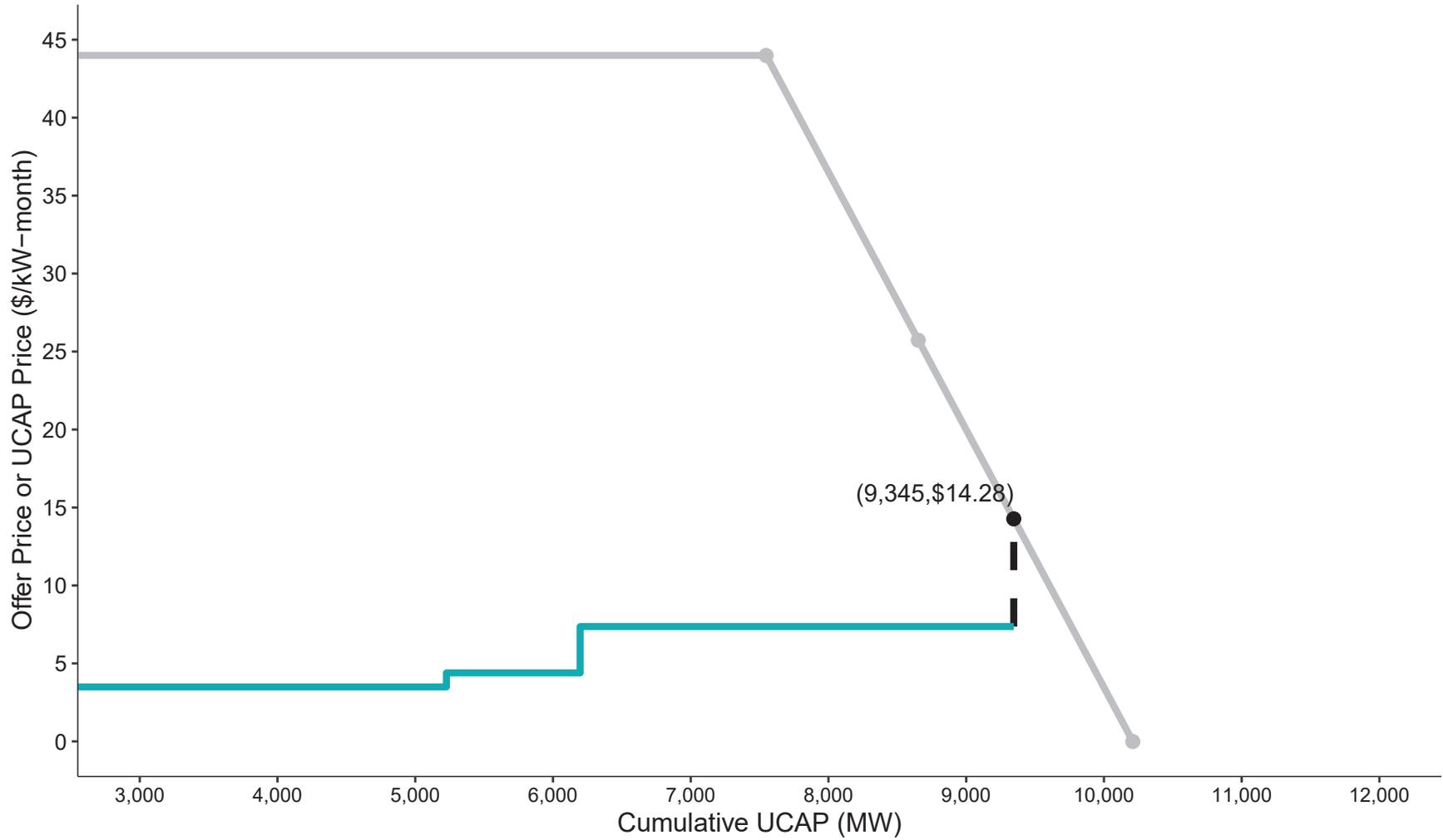
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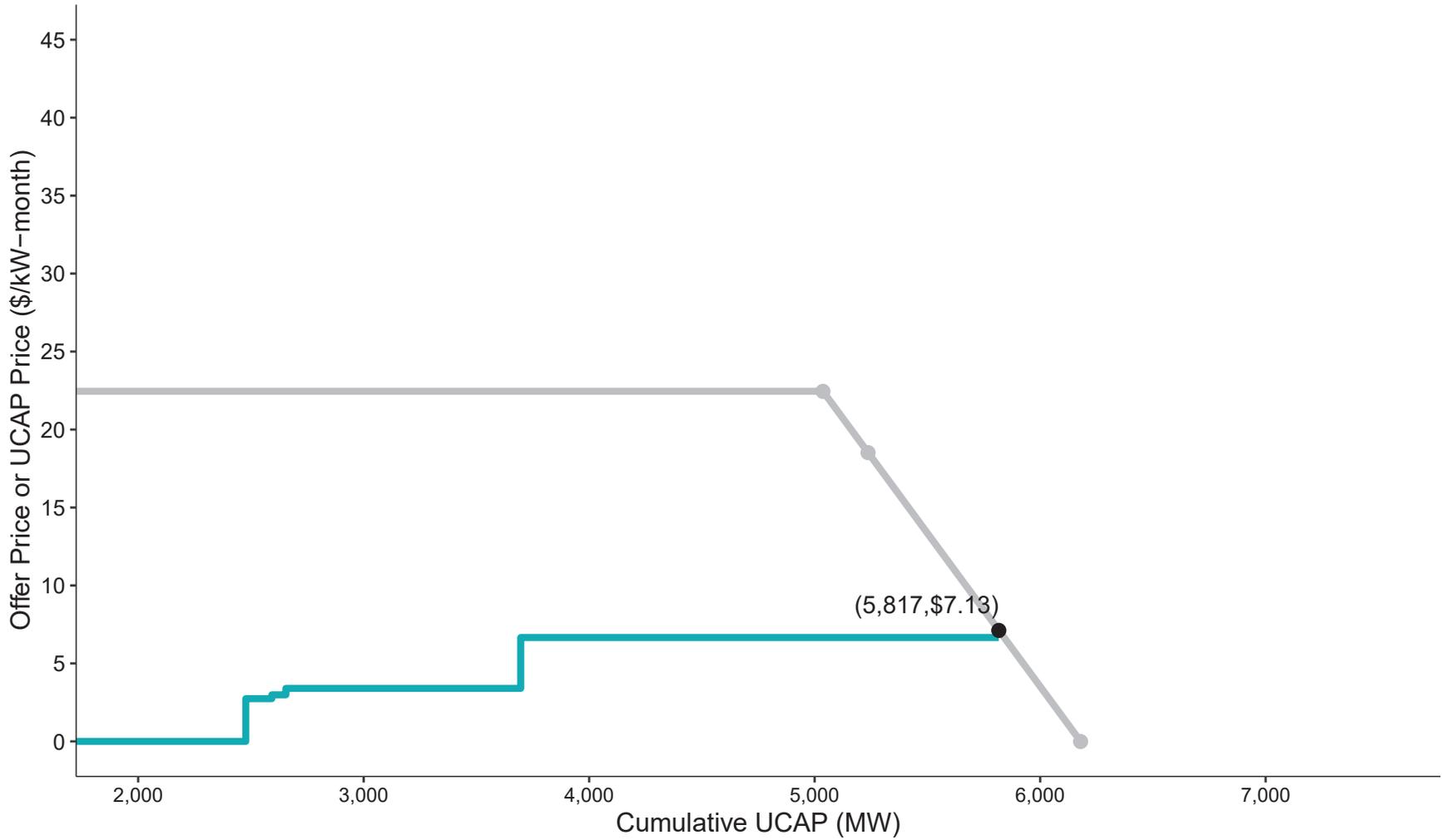
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Capacity Locality: J
Season: Winter



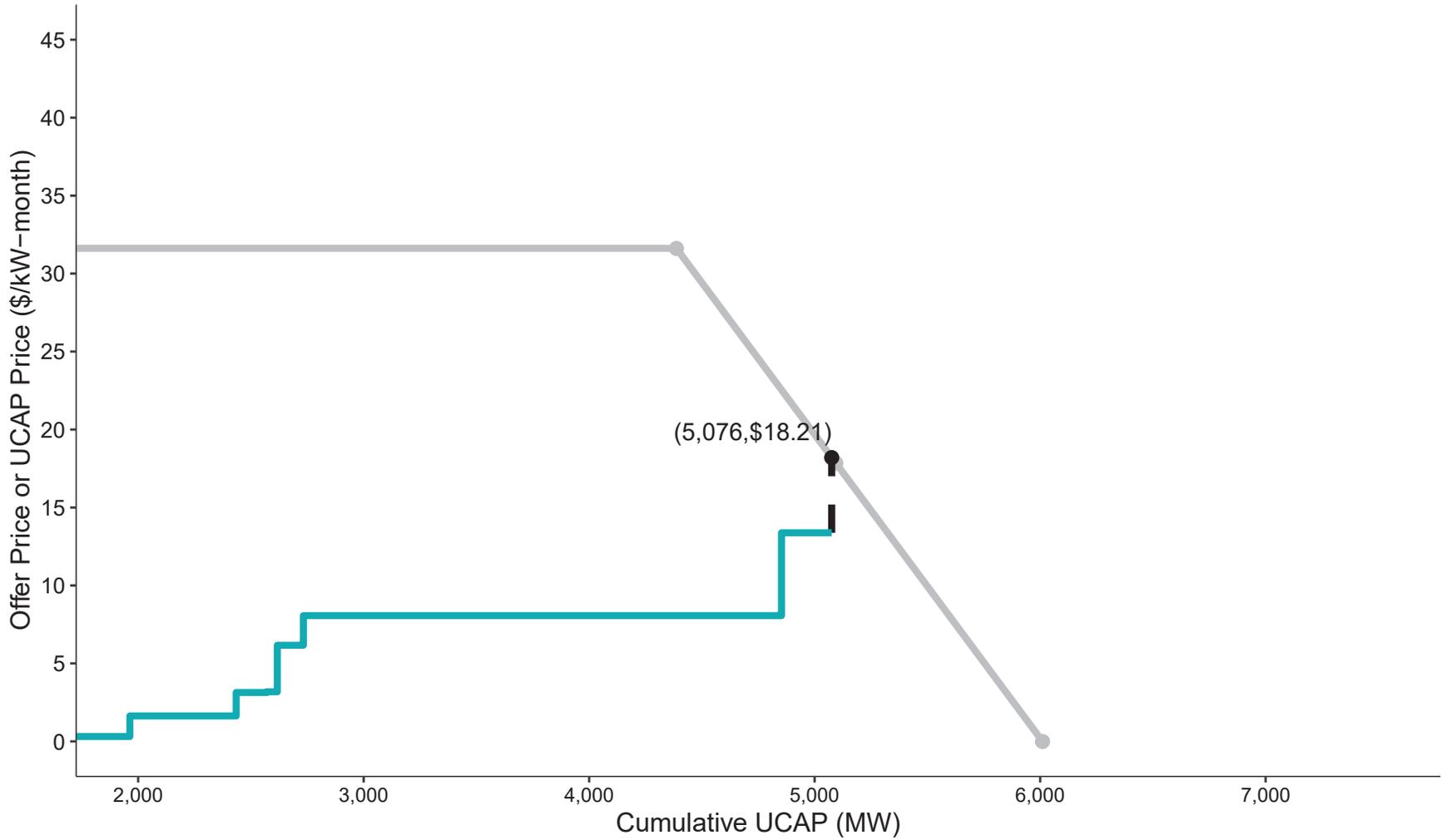
Supply and Demand Curves
Sensitivity: Alternate Peaking Technology
Year: 2032
Capacity Locality: J
Season: Winter



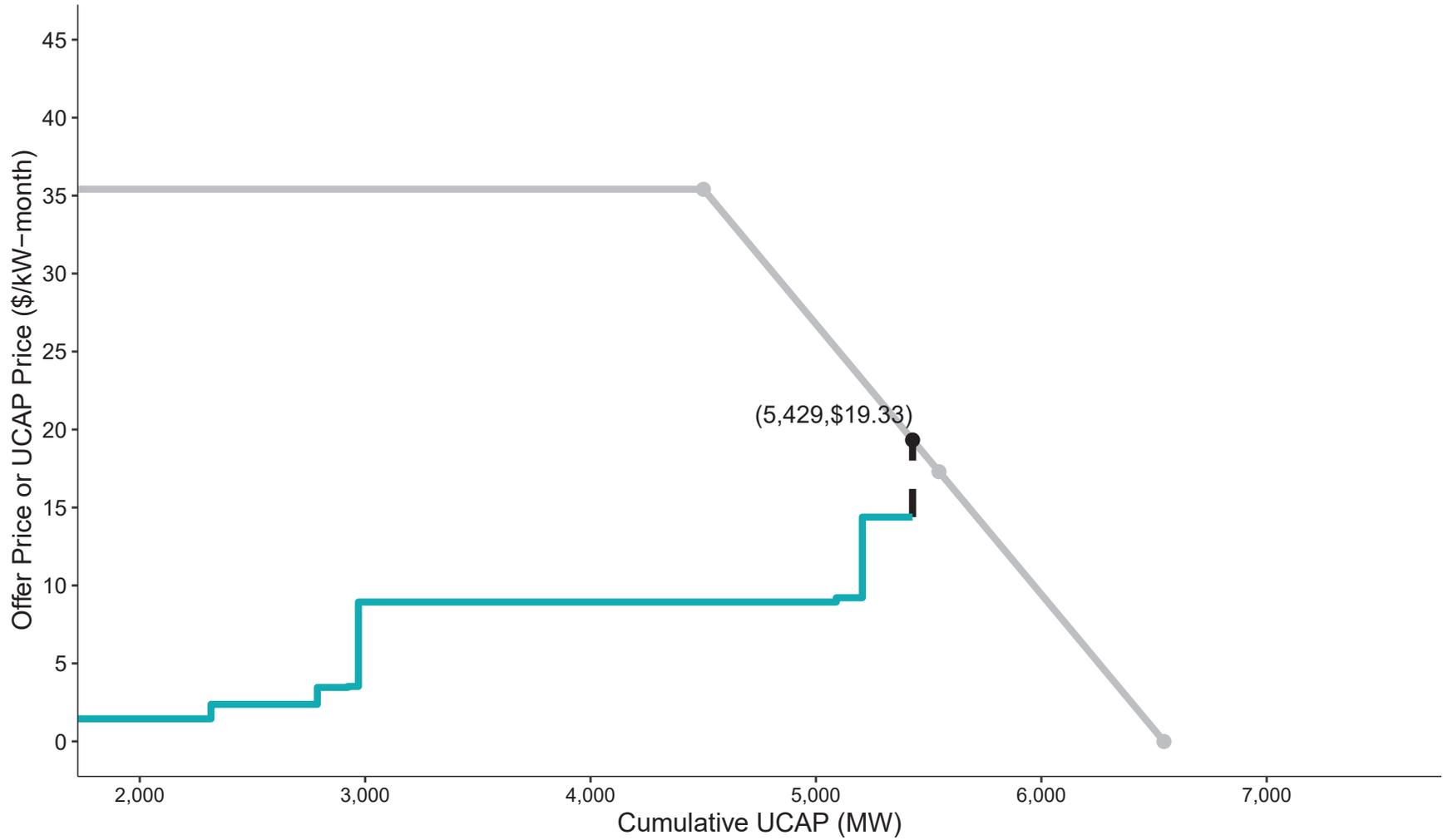
Supply and Demand Curves
Sensitivity: Alternate Peaking Technology
Year: 2022
Capacity Locality: K
Season: Summer



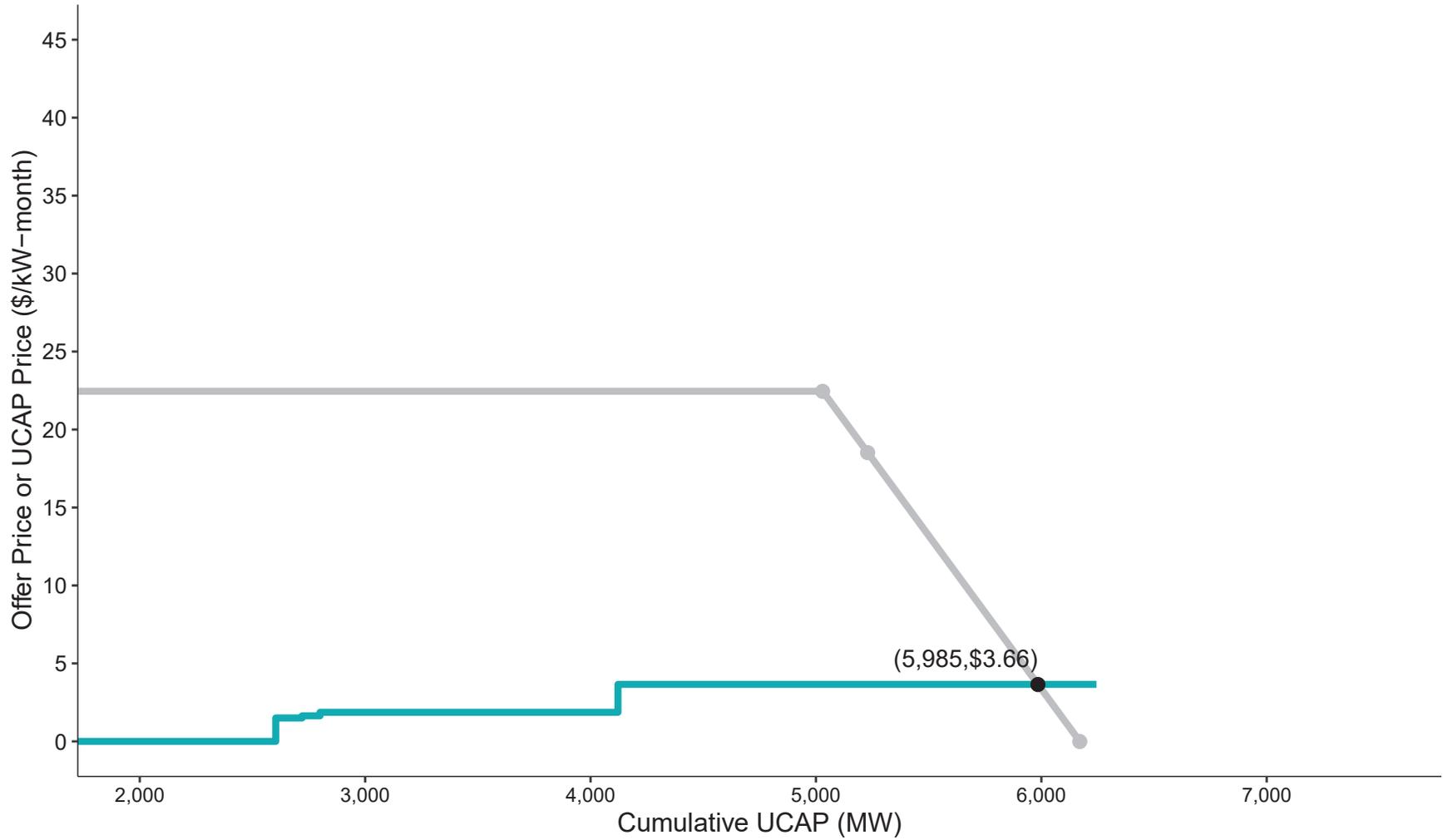
Supply and Demand Curves
Sensitivity: Alternate Peaking Technology
Year: 2026
Capacity Locality: K
Season: Summer



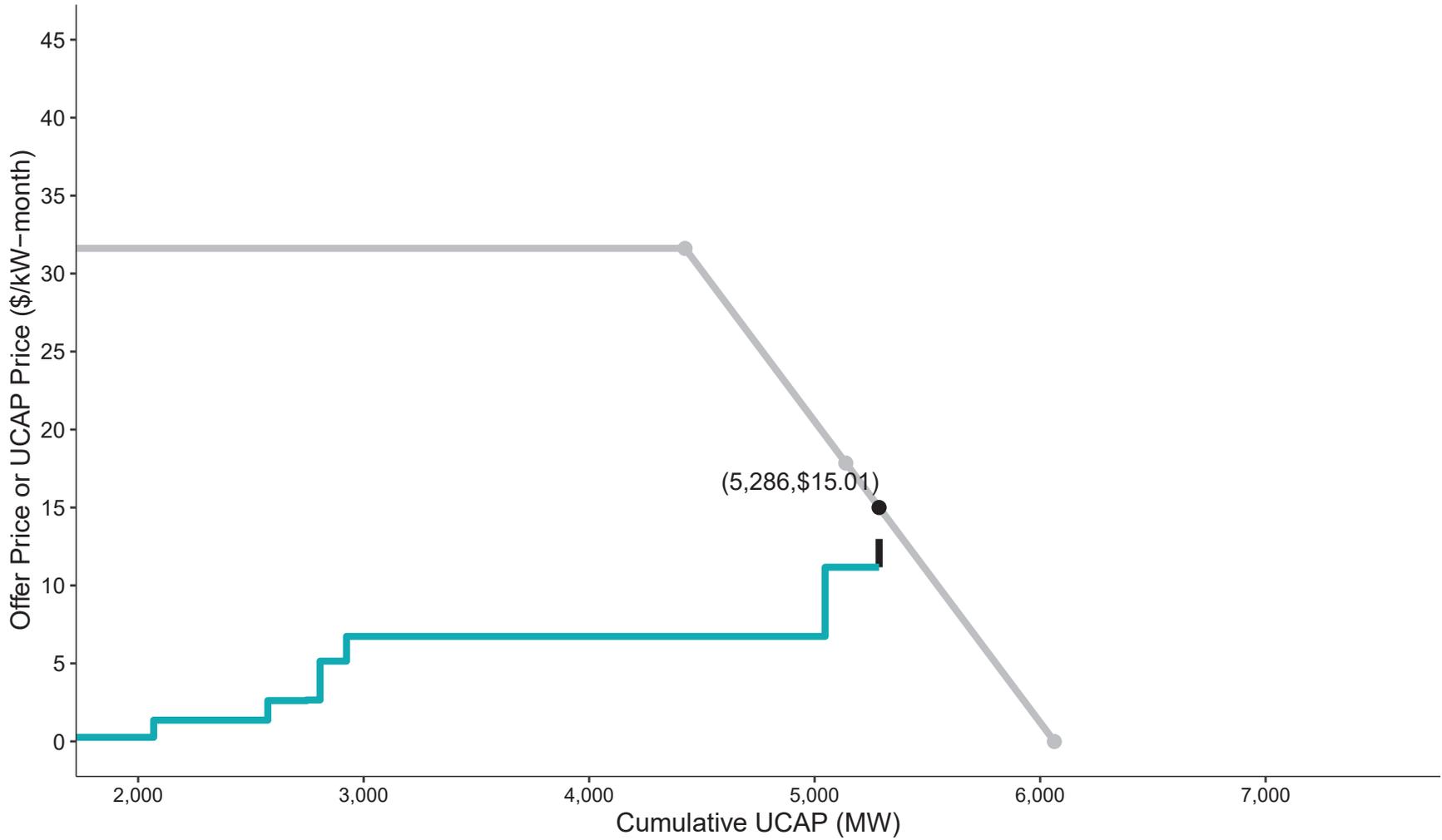
Supply and Demand Curves
Sensitivity: Alternate Peaking Technology
Year: 2032
Capacity Locality: K
Season: Summer



Supply and Demand Curves
Sensitivity: Alternate Peaking Technology
Year: 2022
Capacity Locality: K
Season: Winter



Supply and Demand Curves
Sensitivity: Alternate Peaking Technology
Year: 2026
Capacity Locality: K
Season: Winter



Supply and Demand Curves
Sensitivity: Alternate Peaking Technology
Year: 2032
Capacity Locality: K
Season: Winter

