Intelometry, Inc.

HISTORICAL TARIFF ANALYSIS
Generation v Delivery
NEISO, NYISO & PJM

Prepared on behalf of:

Submitted by:
Guy Sharfman
Vice President, Market Analytics

5373 W Alabama St.
Suite 400
Houston, TX 77056
Phone - (281) 773-9371
Email: guy.sharfman@intelometry.com
Website: www.intelometry.com

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HISTORICAL TARIFF ANALYSIS
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I. Executive Summary

This document provides the analysis methodology and results of a study conducted by Intelometry, Inc. ("Intelometry") that measured how electric utility tariff prices for residential and small commercial customers have changed over time in NEISO, NYISO and PJM utility service areas where customer choice is available to consumers. More specifically, Intelometry compared the movement of residential and small commercial tariff-based generation prices to the movement of tariff-based delivery prices over years. Since tariff-based generation prices in customer-choice utility service areas are market-based and delivery prices are cost-based, the purpose of the study was to find whether meaningful conclusions can be drawn regarding the price movement of each paradigm. Intelometry conducted the study across numerous customer-choice based utility service areas spanning the three ISOs so that meaningful results can be attained. The utilities included as part of the study are provided in ***Table 1*** below.

Table 1: ISOs, States & Utilities Included

Utility	State	ISO
MECO	MA	NEISO
NSTAR	MA	NEISO
WMECO	MA	NEISO
Central Maine Power	ME	NEISO
Versant Power (Bangor Hydro District)	ME	NEISO
Liberty (Granite State)	NH	NEISO
PSNH	NH	NEISO
Narragansett Electric	RI	NEISO
Central Hudson	NY	NYISO
ConEd	NY	NYISO
NGRID	NY	NYISO
NYSEG	NY	NYISO
Orange & Rockland	NY	NYISO
RGE	NY	NYISO
Delmarva DE	DE	PJM
ComEd	IL	PJM
Delmarva MD	MD	PJM
PEPCO MD	MD	PJM
AECO	NJ	PJM
JCPL	NJ	PJM
PSEG	NJ	PJM
RECO	NJ	PJM
AEP OH - Columbus Southern	OH	PJM
AEP OH - Ohio Power Company	OH	PJM
CEI	OH	PJM
Dayton Power & Light	OH	PJM
Duke OH	OH	PJM

Ohio Edison	OH	PJM
Toledo Edison	OH	PJM
DQE	PA	PJM
MetEd	PA	PJM
PECO	PA	PJM
Penelec	PA	PJM
Penn Power	PA	PJM
PPL	PA	PJM
West Penn Power	PA	PJM
PEPCO DC	Washington D.C.	PJM

Base Conclusion

With few exceptions, the study found that while tariff-based delivery prices increased significantly over time, generation prices decreased for the equivalent term across utilities surveyed. As such, study results illustrate the benefits that market-based pricing provides consumers when compared to monopoly cost-based pricing.

The remainder of this document provides the methodology employed by Intelometry to conduct the study, as well as study inputs and analysis results. The breakdown of analysis results for each utility, as well as load definition and tariff class are provided in the ***Appendix*** section.

II. Methodology Overview

The study entailed computing generation and delivery costs for a typical residential and small commercial customer in each associated utility service area for a specified term and then comparing the price movement of each paradigm.

A. Analysis Inputs

Analysis Term

The term for the analysis performed was 2011 through 2021 for utilities where tariff prices back to 2011 were available. For utilities where necessary data going back to 2011 was not available, the analysis term began with the earliest full year where data was available and continued through 2021.

Tariff-Based Generation Prices

Tariff-based generation prices were defined as those that recover energy and capacity costs of the associated utility. They generally included default generation service prices not including transmission, along with generation-based adjustment charges and other riders considered by-passable, meaning utility charges that are avoided by customers that opt to receive generation service from a retail electric provider. In customer-choice markets, tariff-based generation prices differ from delivery prices in that they incorporate a market-based component because the utility procures the generation necessary to serve their customers from wholesale providers.

Tariff-Based Delivery Prices

Tariff-based delivery prices were defined as those that recover distribution, transmission, and non-by-passable rider-based charges. These charges encompassed charges mandated by the associated residential and small commercial delivery service tariff for each associated utility. In customer-choice markets, tariff-based delivery prices differ from generation prices in that they are purely cost and regulatory based, and do not incorporate market-based components.

Customer Definitions

Residential customers were defined as those receiving service under an associated utility's basic residential rate, meaning residential customers not receiving service under space heat, water heat, time of use or other specialized residential utility rates. The load of these customers was defined as the utility load profile applicable to the basic residential rate.

Small commercial customers were defined as those receiving service under an associated utility's commercial rate applicable to the smallest commercial customers. Small commercial load was defined as the utility load profile applicable to the small commercial rate applied.

B. Analysis Performed

Tariff-based generation and delivery charges were calculated against load profile-based monthly load figures for each residential and small commercial customer sample. Monthly figures were then converted to annual weighted average prices so the movement of generation and delivery prices can be observed over time.

Study results were then broken down by customer class and utility as well as state and ISO. Intelometry then computed both the total price change for the analysis term, as well as the compounded annual growth rate ("CAGR") in prices for the term.

III. Analysis Results

Intelometry observed that, in the vast majority of cases, generation prices decreased over time while delivery prices increased. This result was observed regardless of customer class. While there were a handful of outliers where either generation prices increased or delivery prices decreased for the analysis term, the movement of generation prices was still more advantageous to the consumer in most cases, meaning generation prices either increased less than or decreased more than delivery prices in terms of percentage.

A. ISO Level

ISO level figures were derived by averaging utility-based analysis results belonging to each ISO. On average, generation prices in each ISO fell for the analysis term, while delivery prices rose significantly. ***Table 2*** below proves ISO level analysis for the residential customer class, while ***Table 3*** depicts ISO level analysis results for the small commercial class.

Table 2 – ISO Level Analysis Results for the Residential Customer Class

Generation v Delivery Price Change for Residential Customer Class by ISO				
	Generation		Delivery	
ISO	Total % Change in the Price for Analysis Period	Compounded Annual Growth Rate ("CAGR") for Analysis Period	Total % Change in the Price for Analysis Period	Compounded Annual Growth Rate ("CAGR") for Analysis Period
NEISO	(7.05%)	(1.43%)	27.41%	4.03%
NYISO	(15.96%)	(2.22%)	31.83%	3.47%
PJM	(23.06%)	(3.13%)	46.08%	3.76%

Table 3 – ISO Level Analysis Results for the Small Commercial Customer Class

Generation v Delivery Price Change for Small Commercial Customer Class by ISO				
	Generation		Delivery	
ISO	Total % Change in the Price for Analysis Period	Compounded Annual Growth Rate ("CAGR") for Analysis Period	Total % Change in the Price for Analysis Period	Compounded Annual Growth Rate ("CAGR") for Analysis Period
NEISO	(10.66%)	(2.51%)	20.70%	3.32%
NYISO	(22.61%)	(3.23%)	36.37%	2.92%
PJM	(23.78%)	(3.53%)	46.57%	4.49%

B. State Level

State level figures were derived by averaging utility-based analysis results belonging to each state. In every case but one generation prices decreased for the analysis period, while delivery prices increased. The only exception was Illinois where generation prices for ComEd remained relatively flat albeit increased slightly. Even in the Illinois case, however, delivery prices increased significantly which was consistent with other states, and the increase far outpaced the slight increase in generation. ***Table 4*** below provides state level analysis results for the residential customer class, while ***Table 5*** depicts state level analysis results for the small commercial class.

Table 4 – State Level Analysis Results for the Residential Customer Class

Generation v Delivery Price Change for Residential Customer Class by State				
	Generation		Delivery	
State	Total % Change in the Price for Analysis Period	Compounded Annual Growth Rate ("CAGR") for Analysis Period	Total % Change in the Price for Analysis Period	Compounded Annual Growth Rate ("CAGR") for Analysis Period
DE	(48.95%)	(6.50%)	78.73%	5.98%
IL	0.12%	0.02%	9.23%	1.48%
MA	(5.02%)	(1.36%)	30.92%	5.32%

MD	(26.85%)	(3.09%)	88.00%	6.52%
ME	(5.87%)	(1.01%)	12.52%	1.95%
NH	(8.07%)	(1.47%)	22.84%	2.35%
NJ	(30.11%)	(3.99%)	41.79%	3.57%
NY	(22.61%)	(3.23%)	36.37%	2.92%
OH	(13.64%)	(2.63%)	5.99%	1.19%
PA	(25.16%)	(2.93%)	73.68%	5.40%
RI	(13.47%)	(2.38%)	55.82%	7.67%
Washington D.C.	(35.91%)	(4.35%)	71.03%	5.51%

Table 5 – State Level Analysis Results for the Small Commercial Customer Class

Generation v Delivery Price Change for Small Commercial Customer Class by State				
	Generation		Delivery	
State	Total % Change in the Price for Analysis Period	Compounded Annual Growth Rate ("CAGR") for Analysis Period	Total % Change in the Price for Analysis Period	Compounded Annual Growth Rate ("CAGR") for Analysis Period
DE	(48.95%)	(6.50%)	78.73%	5.98%
IL	0.12%	0.02%	9.23%	1.48%
MA	(5.02%)	(1.36%)	30.92%	5.32%
MD	(26.85%)	(3.09%)	88.00%	6.52%
ME	(5.87%)	(1.01%)	12.52%	1.95%
NH	(8.07%)	(1.47%)	22.84%	2.35%
NJ	(30.11%)	(3.99%)	41.79%	3.57%
NY	(17.19%)	(2.67%)	34.83%	3.66%
OH	(13.64%)	(2.63%)	5.99%	1.19%
PA	(25.16%)	(2.93%)	73.68%	5.40%
RI	(13.47%)	(2.38%)	55.82%	7.67%
Washington D.C.	(35.91%)	(4.35%)	71.03%	5.51%

IV. Conclusions

The study illustrated that, in the vast majority of cases, market-based generation prices were either kept in check or decreased over time, while regulated cost-based delivery prices continued to increase, despite regulatory oversite of such costs. This outcome illustrates the benefits that competitive markets offer consumers in the long run. While market pricing can be volatile at times, the forces of supply and demand will provide the product at the most efficient cost to the consumer in the long run.

Appendix

This appendix provides a breakdown of residential and small commercial generation and delivery pricing for each term year. Results are provided by ISO.

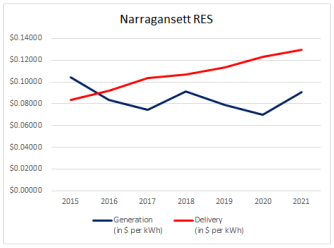
NEISO

Utility NEC
Customer Class Res
Tariff Name Service Classification RS Residential Service A-16
Load Profile NEC_LP_A16

Generation Charges Included
Standard Offer

Delivery Charges Included
Total Delivery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2015	$0.10435	$0.08319
2016	$0.08362	$0.09211
2017	$0.07419	$0.10379
2018	$0.09096	$0.10668
2019	$0.07886	$0.11340
2020	$0.06952	$0.12305
2021	$0.09030	$0.12963
Total % Change	(13.47%)	55.82%
CAGR	(2.38%)	7.67%

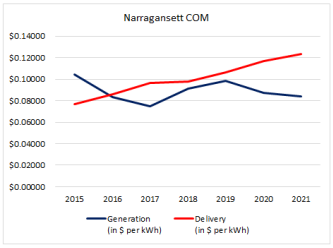


Utility NEC
Customer Class Com
Tariff Name Service Classification Small C&I Service C-06
Load Profile NEC_LP_C06

Generation Charges Included
Standard Offer

Delivery Charges Included
Total Delivery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2015	$0.10464	$0.07679
2016	$0.08362	$0.08631
2017	$0.07478	$0.09665
2018	$0.09145	$0.09804
2019	$0.09856	$0.10644
2020	$0.08764	$0.11669
2021	$0.08397	$0.12326
Total % Change	(19.75%)	60.51%
CAGR	(3.60%)	8.21%

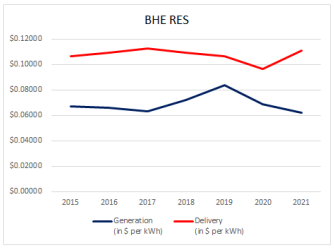


Utility BHE
Customer Class Res
Tariff Name Service Classification RS Residential Service
Load Profile BHE_LP_RES

Generation Charges Included
Standard Offer

Delivery Charges Included
Total Delivery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2015	$0.06705	$0.10647
2016	$0.06623	$0.10923
2017	$0.06322	$0.11258
2018	$0.07225	$0.10959
2019	$0.08370	$0.10656
2020	$0.06879	$0.09649
2021	$0.06196	$0.11128
Total % Change	(7.59%)	4.51%
CAGR	(1.31%)	0.74%

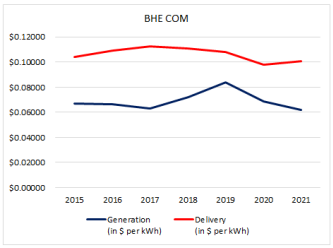


Utility BHE
Customer Class Com
Tariff Name Service Classification Small Commercial and Industrial
Load Profile BHE_LP_SCOM

Generation Charges Included
Standard Offer

Delivery Charges Included
Total Delivery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2015	$0.06687	$0.10428
2016	$0.06624	$0.10927
2017	$0.06322	$0.11273
2018	$0.07225	$0.11067
2019	$0.08370	$0.10807
2020	$0.06879	$0.09806
2021	$0.06196	$0.10100
Total % Change	(7.34%)	(3.14%)
CAGR	(1.26%)	(0.53%)

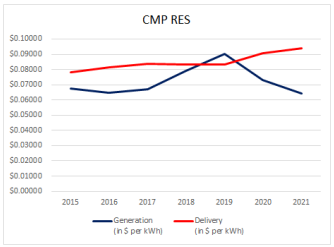


Utility CMP
Customer Class Res
Tariff Name Service Classification RS Residential Service
Load Profile CMP_LP_RES

Generation Charges Included
Standard Offer

Delivery Charges Included
Total Delivery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2015	$0.06729	$0.07798
2016	$0.06464	$0.08123
2017	$0.06691	$0.08392
2018	$0.07921	$0.08317
2019	$0.09003	$0.08345
2020	$0.07304	$0.09070
2021	$0.06449	$0.09400
Total % Change	(4.15%)	20.54%
CAGR	(0.70%)	3.16%

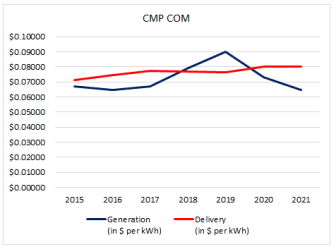


Utility CMP
Customer Class Com
Tariff Name Service Classification Small Commercial and Industrial
Load Profile CMP_LP_SCOM

Generation Charges Included
Standard Offer

Delivery Charges Included
Total Delivery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2015	$0.06717	$0.07107
2016	$0.06463	$0.07445
2017	$0.06691	$0.07719
2018	$0.07921	$0.07705
2019	$0.09003	$0.07630
2020	$0.07304	$0.08021
2021	$0.06449	$0.08021
Total % Change	(3.98%)	12.86%
CAGR	(0.67%)	2.04%

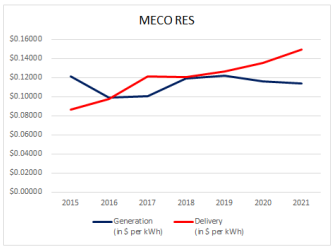


Utility MECO
Customer Class Res
Tariff Name Regular Residential (R-1)
Load Profile MECO_LP_R1

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Retail Delivery Price

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2015	$0.12119	$0.08642
2016	$0.09933	$0.09760
2017	$0.10059	$0.12147
2018	$0.11902	$0.12067
2019	$0.12237	$0.12639
2020	$0.11602	$0.13531
2021	$0.11381	$0.14938
Total % Change	(6.09%)	72.85%
CAGR	(1.04%)	9.55%

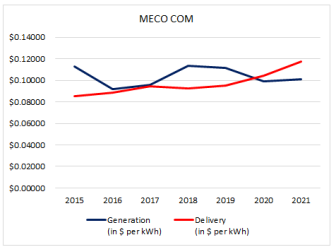


Utility MECO
Customer Class Com
Tariff Name General Service (G-1)
Load Profile MECO_LP_G1

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Retail Delivery Price

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2015	$0.11268	$0.08544
2016	$0.09211	$0.08890
2017	$0.09615	$0.09461
2018	$0.11340	$0.09260
2019	$0.11142	$0.09512
2020	$0.09936	$0.10409
2021	$0.10141	$0.11771
Total % Change	(10.00%)	37.76%
CAGR	(1.74%)	5.48%

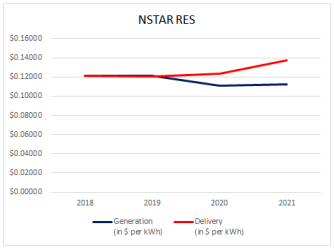


Utility NSTAR
Customer Class Res
Tariff Name Residential (R-1)
Load Profile BECO_LP_R1

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Total Delivery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2018	$0.12100	$0.12128
2019	$0.12135	$0.12044
2020	$0.11123	$0.12373
2021	$0.11245	$0.13735
Total % Change	(7.07%)	13.25%
CAGR	(2.41%)	4.23%

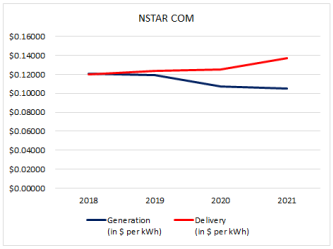


Utility NSTAR
Customer Class Com
Tariff Name Small C&I, General Service (G-1)
Load Profile BECO_LP_G1

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Total Delivery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2018	$0.12057	$0.12023
2019	$0.11898	$0.12344
2020	$0.10754	$0.12549
2021	$0.10478	$0.13689
Total % Change	(13.10%)	13.86%
CAGR	(4.57%)	4.42%

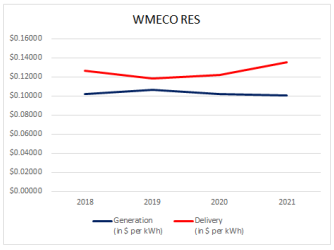


Utility WMECO
Customer Class Res
Tariff Name R-1 Residential
Load Profile WMECO_LP_D1

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Total Delivery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2018	$0.10231	$0.12672
2019	$0.10690	$0.11840
2020	$0.10235	$0.12195
2021	$0.10038	$0.13518
Total % Change	(1.89%)	6.67%
CAGR	(0.63%)	2.18%

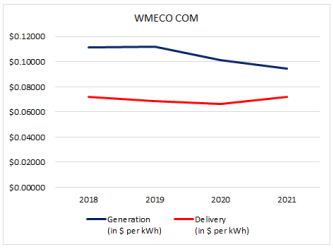


Utility WMECO
Customer Class Com
Tariff Name G-0 General Service
Load Profile WMECO_LP_G0

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Total Delivery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2018	$0.11125	$0.07208
2019	$0.11196	$0.06849
2020	$0.10127	$0.06638
2021	$0.09432	$0.07200
Total % Change	(15.21%)	(0.12%)
CAGR	(5.35%)	(0.04%)

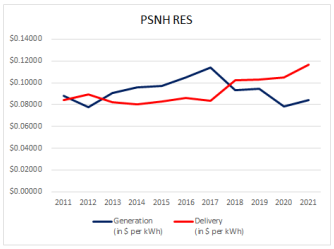


Utility PSNH
Customer Class Res
Tariff Name Residential Delivery Service Rate R
Load Profile PSNH_LP_R

Generation Charges Included
Default Energy Service Rate

Delivery Charges Included
Distribution
Transmission
Regulatory Reconciliation Adjustment Charge
Stranded Cost Recovery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.08786	$0.08403
2012	$0.07767	$0.08912
2013	$0.09056	$0.08196
2014	$0.09567	$0.08054
2015	$0.09729	$0.08305
2016	$0.10495	$0.08615
2017	$0.11428	$0.08338
2018	$0.09348	$0.10246
2019	$0.09440	$0.10281
2020	$0.07826	$0.10508
2021	$0.08416	$0.11637
Total % Change	(4.21%)	38.47%
CAGR	(0.43%)	3.31%

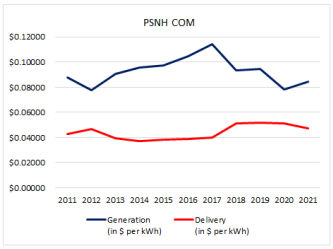


Utility PSNH
Customer Class Com
Tariff Name General Delivery Service Rate G
Load Profile PSNH_LP_G

Generation Charges Included
Default Energy Service Rate

Delivery Charges Included
Distribution
Transmission
Regulatory Reconciliation Adjustment Charge
Stranded Cost Recovery Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.08782	$0.04300
2012	$0.07791	$0.04659
2013	$0.09071	$0.03918
2014	$0.09556	$0.03709
2015	$0.09755	$0.03799
2016	$0.10479	$0.03902
2017	$0.11420	$0.04014
2018	$0.09338	$0.05133
2019	$0.09456	$0.05185
2020	$0.07836	$0.05143
2021	$0.08418	$0.04719
Total % Change	(4.15%)	9.73%
CAGR	(0.42%)	0.93%

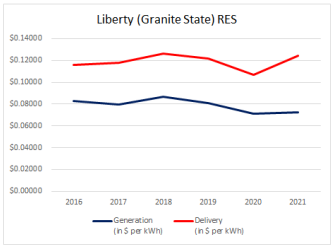


Utility GSEC
Customer Class Res
Tariff Name Rate D
Load Profile Liberty_LP_D00

Generation Charges Included
Energy Service

Delivery Charges Included
Total Delivery Rate

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2016	$0.08259	$0.11613
2017	$0.07968	$0.11815
2018	$0.08643	$0.12652
2019	$0.08058	$0.12168
2020	$0.07095	$0.10689
2021	$0.07272	$0.12450
Total % Change	(11.94%)	7.20%
CAGR	(2.51%)	1.40%

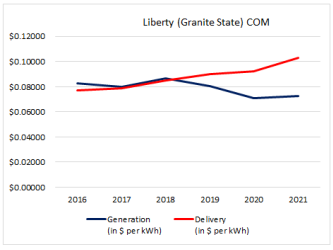


Utility GSEC
Customer Class Com
Tariff Name Rate G-3
Load Profile Liberty_LP_G03

Generation Charges Included
Energy Service

Delivery Charges Included
Total Delivery Rate

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2016	$0.08246	$0.07700
2017	$0.07987	$0.07885
2018	$0.08645	$0.08501
2019	$0.08055	$0.08978
2020	$0.07084	$0.09234
2021	$0.07276	$0.10326
Total % Change	(11.76%)	34.11%
CAGR	(2.47%)	6.05%



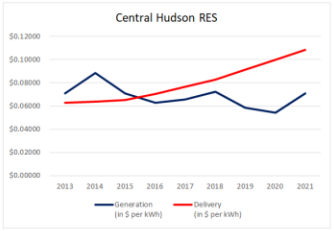
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Utility CH
Customer Class Res
Tariff Name S.C. No. 1 - Residential Service
Load Profile CH_LP_RNH

Generation Charges Included
Market Price Charge
Market Price Adjustment
MFC Supply Charge

Delivery Charges Included
Delivery Charges
MFC Administration Charge
System Benefits Charges
Dynamic Load Management Surcharge
New York State Assessment
Revenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.07115	$0.06296
2014	$0.08855	$0.06365
2015	$0.07115	$0.06526
2016	$0.06292	$0.07046
2017	$0.06553	$0.07671
2018	$0.07239	$0.08272
2019	$0.05851	$0.09153
2020	$0.05431	$0.10014
2021	$0.07084	$0.10839
Total % Change	(0.43%)	72.17%
CAGR	(0.05%)	7.03%

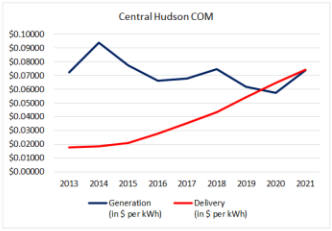


Utility CH
Customer Class Com
Tariff Name S.C. No. 2 - General Service - Non-Demand
Load Profile CH_LP_ND2

Generation Charges Included
Market Price Charge
Market Price Adjustment
MFC Supply Charge

Delivery Charges Included
Delivery Charges
MFC Administration Charge
System Benefits Charges
Dynamic Load Management Surcharge
New York State Assessment
Revenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.07249	$0.01768
2014	$0.09415	$0.01849
2015	$0.07752	$0.02094
2016	$0.06608	$0.02773
2017	$0.06790	$0.03554
2018	$0.07472	$0.04338
2019	$0.06169	$0.05408
2020	$0.05758	$0.06449
2021	$0.07372	$0.07446
Total % Change	1.70%	321.05%
CAGR	0.21%	19.69%

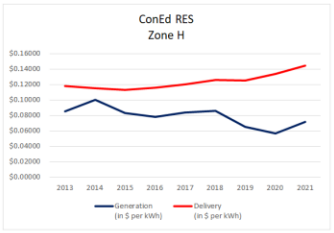


Utility ConEd
Customer Class Res_H
Tariff Name S.C. No. 1, Rate I - Residential and Religious - Zone H
Load Profile CONED_LP_SC1_0E

Generation Charges Included
MSC Statement
MSC Adjustment I
MSC Adjustment II
Merchant Function Charge
Clean Energy Standard

Delivery Charges Included
Delivery Charges
Monthly Adjustment Clause
PSL 18-A Assessment
System Benefits Charge
Dynamic Load Management Surcharge
Delivery Revenue Surcharge
Tax Sur-CreditPercentage Increase in Rates and Charges (inclusive of GRT)

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.08537	$0.11823
2014	$0.10045	$0.11514
2015	$0.08295	$0.11300
2016	$0.07833	$0.11611
2017	$0.08406	$0.12031
2018	$0.08586	$0.12596
2019	$0.06514	$0.12532
2020	$0.05661	$0.13359
2021	$0.07175	$0.14434
Total % Change	(15.96%)	22.09%
CAGR	(2.15%)	2.53%

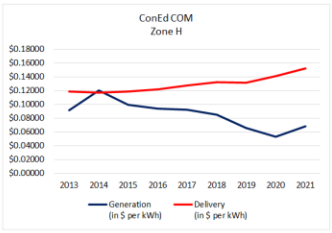


Utility ConEd
Customer Class Com_H
Tariff Name S.C. No. 2, Rate I - General - Small - Zone H
Load Profile CONED_LP_SC2_0B

Generation Charges Included
MSC Statement
MSC Adjustment I
MSC Adjustment II
Merchant Function Charge
Clean Energy Standard

Delivery Charges Included
Delivery Charges
Monthly Adjustment Clause
PSL 18-A Assessment
System Benefits Charge
Dynamic Load Management Surcharge
Delivery Revenue Surcharge
Tax Sur-CreditPercentage Increase in Rates and Charges (inclusive of GRT)

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.09149	$0.11869
2014	$0.12008	$0.11731
2015	$0.09940	$0.11855
2016	$0.09390	$0.12163
2017	$0.09245	$0.12773
2018	$0.08532	$0.13220
2019	$0.06616	$0.13143
2020	$0.05269	$0.14107
2021	$0.06838	$0.15252
Total % Change	(25.26%)	28.50%
CAGR	(3.57%)	3.18%

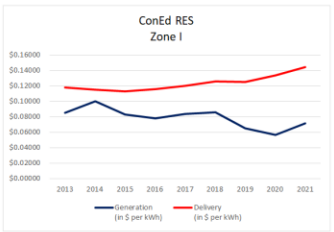


Utility ConEd
Customer Class Res_I
Tariff Name S.C. No. 1, Rate I - Residential and Religious - Zone I
Load Profile CONED_LP_SC1_0E

Generation Charges Included
MSC Statement
MSC Adjustment I
MSC Adjustment II
Merchant Function Charge
Clean Energy Standard

Delivery Charges Included
Delivery Charges
Monthly Adjustment Clause
PSL 18-A Assessment
System Benefits Charge
Dynamic Load Management Surcharge
Delivery Revenue Surcharge
Tax Sur-CreditPercentage Increase in Rates and Charges (inclusive of GRT)

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.08532	$0.11823
2014	$0.10032	$0.11514
2015	$0.08290	$0.11300
2016	$0.07843	$0.11611
2017	$0.08404	$0.12031
2018	$0.08612	$0.12596
2019	$0.06531	$0.12532
2020	$0.05655	$0.13359
2021	$0.07179	$0.14434
Total % Change	(15.86%)	22.09%
CAGR	(2.13%)	2.53%

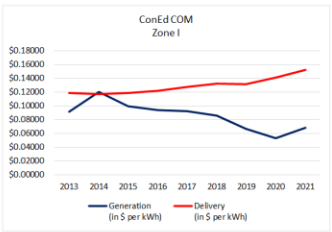


Utility ConEd
Customer Class Com_I
Tariff Name S.C. No. 2, Rate I - General - Small - Zone I
Load Profile CONED_LP_SC2_0B

Generation Charges Included
MSC Statement
MSC Adjustment I
MSC Adjustment II
Merchant Function Charge
Clean Energy Standard

Delivery Charges Included
Delivery Charges
Monthly Adjustment Clause
PSL 18-A Assessment
System Benefits Charge
Dynamic Load Management Surcharge
Delivery Revenue Surcharge
Tax Sur-CreditPercentage Increase in Rates and Charges (inclusive of GRT)

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.09144	$0.11869
2014	$0.11995	$0.11731
2015	$0.09934	$0.11855
2016	$0.09405	$0.12163
2017	$0.09243	$0.12773
2018	$0.08561	$0.13220
2019	$0.06635	$0.13143
2020	$0.05262	$0.14107
2021	$0.06839	$0.15252
Total % Change	(25.20%)	28.50%
CAGR	(3.57%)	3.18%

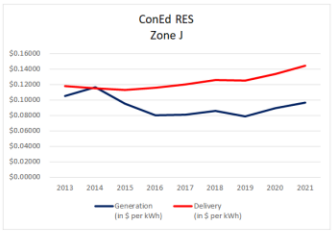


Utility ConEd
Customer Class Res_J
Tariff Name S.C. No. 1, Rate I - Residential and Religious - Zone J
Load Profile CONED_LP_SC1_0E

Generation Charges Included
MSC Statement
MSC Adjustment I
MSC Adjustment II
Merchant Function Charge
Clean Energy Standard

Delivery Charges Included
Delivery Charges
Monthly Adjustment Clause
PSL 18-A Assessment
System Benefits Charge
Dynamic Load Management Surcharge
Delivery Revenue Surcharge
Tax Sur-CreditPercentage Increase in Rates and Charges (inclusive of GRT)

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.10536	$0.11823
2014	$0.11670	$0.11514
2015	$0.09556	$0.11300
2016	$0.08002	$0.11611
2017	$0.08066	$0.12031
2018	$0.08625	$0.12596
2019	$0.07881	$0.12532
2020	$0.08916	$0.13359
2021	$0.09648	$0.14434
Total % Change	(8.42%)	22.09%
CAGR	(1.09%)	2.53%

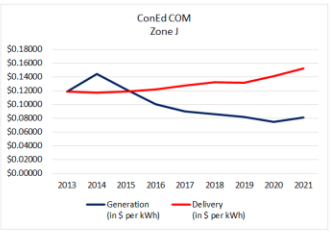


Utility ConEd
Customer Class Com_J
Tariff Name S.C. No. 2, Rate I - General - Small - Zone J
Load Profile CONED_LP_SC2_0B

Generation Charges Included
MSC Statement
MSC Adjustment I
MSC Adjustment II
Merchant Function Charge
Clean Energy Standard

Delivery Charges Included
Delivery Charges
Monthly Adjustment Clause
PSL 18-A Assessment
System Benefits Charge
Dynamic Load Management Surcharge
Delivery Revenue Surcharge
Tax Sur-CreditPercentage Increase in Rates and Charges (inclusive of GRT)

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.11871	$0.11869
2014	$0.14420	$0.11731
2015	$0.12158	$0.11855
2016	$0.09987	$0.12163
2017	$0.09002	$0.12773
2018	$0.08576	$0.13220
2019	$0.08184	$0.13143
2020	$0.07493	$0.14107
2021	$0.08137	$0.15252
Total % Change	(31.45%)	28.50%
CAGR	(4.61%)	3.18%

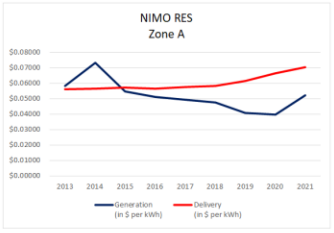


Utility NIMO
Customer Class Res_A
Tariff Name Service Classification RS Residential Service - Zone A
Load Profile NIMO_LP_SC1

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.05832	$0.05618
2014	$0.07341	$0.05669
2015	$0.05472	$0.05712
2016	$0.05118	$0.05671
2017	$0.04955	$0.05773
2018	$0.04769	$0.05844
2019	$0.04070	$0.06141
2020	$0.03992	$0.06669
2021	$0.05239	$0.07041
Total % Change	(10.16%)	25.34%
CAGR	(1.33%)	2.86%

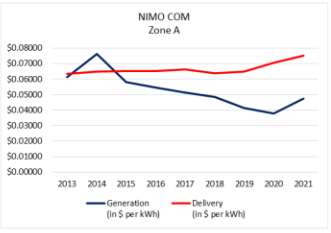


Utility NIMO
Customer Class Com_A
Tariff Name S.C. No. 2, SMALL GENERAL SERVICE - Non Demand - Zone A
Load Profile NIMO_LP_SC2ND

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06115	$0.06357
2014	$0.07614	$0.06467
2015	$0.05795	$0.06517
2016	$0.05440	$0.06519
2017	$0.05124	$0.06615
2018	$0.04856	$0.06368
2019	$0.04125	$0.06494
2020	$0.03795	$0.07062
2021	$0.04749	$0.07521
Total % Change	(22.33%)	18.30%
CAGR	(3.11%)	2.12%

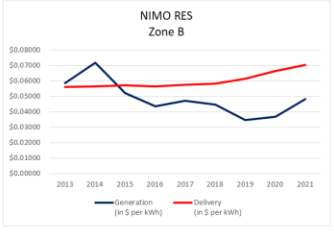


Utility NIMO
Customer Class Res_B
Tariff Name Service Classification RS Residential Service - Zone B
Load Profile NIMO_LP_SC1

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.05857	$0.05618
2014	$0.07204	$0.05669
2015	$0.05219	$0.05712
2016	$0.04377	$0.05671
2017	$0.04713	$0.05773
2018	$0.04477	$0.05844
2019	$0.03489	$0.06141
2020	$0.03701	$0.06669
2021	$0.04844	$0.07041
Total % Change	(17.30%)	25.34%
CAGR	(2.35%)	2.86%

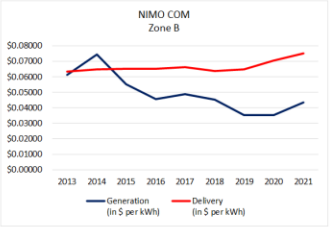


Utility NIMO
Customer Class Com_B
Tariff Name S.C. No. 2, SMALL GENERAL SERVICE - Non Demand - Zone B
Load Profile NIMO_LP_SC2ND

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06142	$0.06357
2014	$0.07452	$0.06467
2015	$0.05529	$0.06517
2016	$0.04579	$0.06519
2017	$0.04870	$0.06615
2018	$0.04513	$0.06368
2019	$0.03535	$0.06494
2020	$0.03517	$0.07062
2021	$0.04358	$0.07521
Total % Change	(29.04%)	18.30%
CAGR	(4.20%)	2.12%



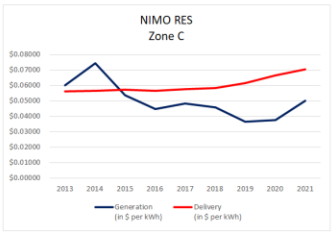
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Utility NIMO
Customer Class Res_C
Tariff Name Service Classification RS Residential Service - Zone C
Load Profile NIMO_LP_SC1

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06011	$0.05618
2014	$0.07425	$0.05669
2015	$0.05372	$0.05712
2016	$0.04487	$0.05671
2017	$0.04817	$0.05773
2018	$0.04586	$0.05844
2019	$0.03642	$0.06141
2020	$0.03764	$0.06669
2021	$0.04994	$0.07041
Total % Change	(16.91%)	25.34%
CAGR	(2.29%)	2.86%

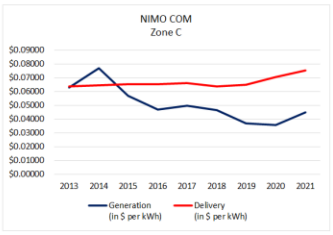


Utility NIMO
Customer Class Com_C
Tariff Name S.C. No. 2, SMALL GENERAL SERVICE - Non Demand - Zone C
Load Profile NIMO_LP_SC2ND

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06306	$0.06357
2014	$0.07709	$0.06467
2015	$0.05693	$0.06517
2016	$0.04697	$0.06519
2017	$0.04972	$0.06615
2018	$0.04652	$0.06368
2019	$0.03672	$0.06494
2020	$0.03578	$0.07062
2021	$0.04510	$0.07521
Total % Change	(28.48%)	18.30%
CAGR	(4.10%)	2.12%

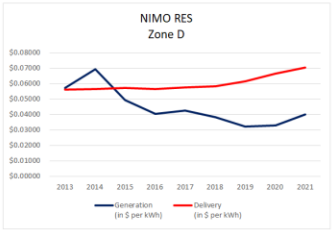


Utility NIMO
Customer Class Res_D
Tariff Name Service Classification RS Residential Service - Zone D
Load Profile NIMO_LP_SC1

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.05724	$0.05618
2014	$0.06946	$0.05669
2015	$0.04957	$0.05712
2016	$0.04036	$0.05671
2017	$0.04272	$0.05773
2018	$0.03830	$0.05844
2019	$0.03230	$0.06141
2020	$0.03308	$0.06669
2021	$0.04019	$0.07041
Total % Change	(29.79%)	25.34%
CAGR	(4.33%)	2.86%

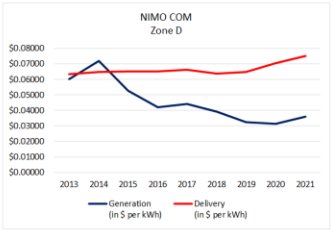


Utility NIMO
Customer Class Com_D
Tariff Name S.C. No. 2, SMALL GENERAL SERVICE - Non Demand - Zone D
Load Profile NIMO_LP_SC2ND

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06008	$0.06357
2014	$0.07194	$0.06467
2015	$0.05256	$0.06517
2016	$0.04216	$0.06519
2017	$0.04405	$0.06615
2018	$0.03906	$0.06368
2019	$0.03253	$0.06494
2020	$0.03155	$0.07062
2021	$0.03611	$0.07521
Total % Change	(39.90%)	18.30%
CAGR	(6.17%)	2.12%

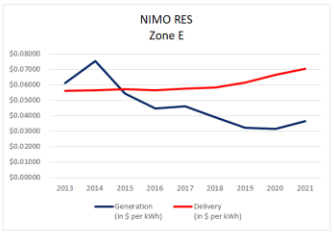


Utility NIMO
Customer Class Res_E
Tariff Name Service Classification RS Residential Service - Zone E
Load Profile NIMO_LP_SC1

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06122	$0.05618
2014	$0.07557	$0.05669
2015	$0.05442	$0.05712
2016	$0.04491	$0.05671
2017	$0.04622	$0.05773
2018	$0.03896	$0.05844
2019	$0.03224	$0.06141
2020	$0.03150	$0.06669
2021	$0.03662	$0.07041
Total % Change	(40.17%)	25.34%
CAGR	(6.22%)	2.86%

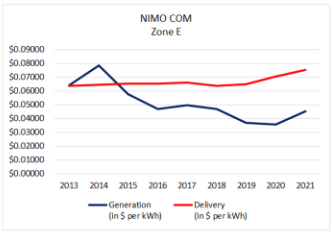


Utility NIMO
Customer Class Com_E
Tariff Name S.C. No. 2, SMALL GENERAL SERVICE - Non Demand - Zone E
Load Profile NIMO_LP_SC2ND

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06421	$0.06357
2014	$0.07838	$0.06467
2015	$0.05769	$0.06517
2016	$0.04692	$0.06519
2017	$0.04984	$0.06615
2018	$0.04683	$0.06368
2019	$0.03693	$0.06494
2020	$0.03569	$0.07062
2021	$0.04545	$0.07521
Total % Change	(29.21%)	18.30%
CAGR	(4.23%)	2.12%

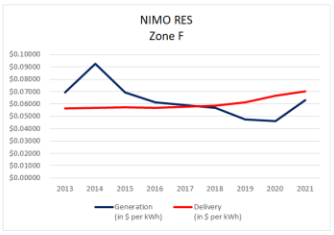


Utility NIMO
Customer Class Res_F
Tariff Name Service Classification RS Residential Service - Zone F
Load Profile NIMO_LP_SC1

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06917	$0.05618
2014	$0.09274	$0.05669
2015	$0.06924	$0.05712
2016	$0.06132	$0.05671
2017	$0.05890	$0.05773
2018	$0.05706	$0.05844
2019	$0.04729	$0.06141
2020	$0.04597	$0.06669
2021	$0.06300	$0.07041
Total % Change	(8.92%)	25.34%
CAGR	(1.16%)	2.86%

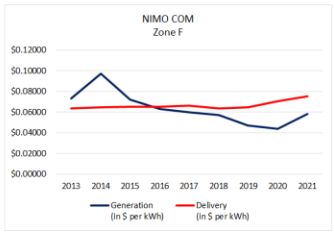


Utility NIMO
Customer Class Com_F
Tariff Name S.C. No. 2, SMALL GENERAL SERVICE - Non Demand - Zone F
Load Profile NIMO_LP_SC2ND

Generation Charges Included
Electric Supply Cost
Electric Supply Reconciliation Mechanism
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Incremental State Assessment Surcharge
Renewable Portfolio Surcharge
Earnings Adjustment Mechanism
Dynamic Load Management Surcharge
Electric Vehicle Make-Ready SurchargeRevenue Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.07302	$0.06357
2014	$0.09722	$0.06467
2015	$0.07226	$0.06517
2016	$0.06323	$0.06519
2017	$0.05986	$0.06615
2018	$0.05727	$0.06368
2019	$0.04698	$0.06494
2020	$0.04412	$0.07062
2021	$0.05828	$0.07521
Total % Change	(20.19%)	18.30%
CAGR	(2.78%)	2.12%

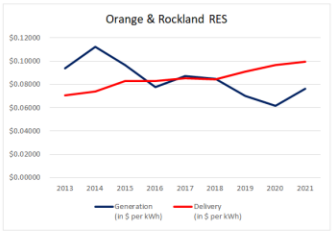


Utility OR
Customer Class Res
Tariff Name S.C. No. 1, Residential Service
Load Profile OR_LP_0003

Generation Charges Included
MSC Statement
MSC Adjustment
ZEC/REC Component
Merchant Function Charge
Transition Adj Competitive Services

Delivery Charges Included
Delivery Charges
System Benefit Charge
Dynamic Load Management Surcharge
Delivery Revenue Surcharge
Temporary State Assessment Surcharge
Electric Vehicle Make-Ready Surcharge
Metropolitan Transportation Authority Business Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.09409	$0.07080
2014	$0.11254	$0.07421
2015	$0.09664	$0.08324
2016	$0.07805	$0.08297
2017	$0.08707	$0.08520
2018	$0.08508	$0.08459
2019	$0.07012	$0.09122
2020	$0.06167	$0.09683
2021	$0.07660	$0.09946
Total % Change	(18.59%)	40.48%
CAGR	(2.54%)	4.34%

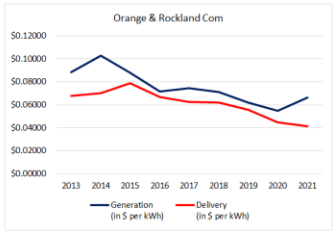


Utility OR
Customer Class Com
Tariff Name S.C. No. 2, General Secondary or Primary Service - Non-Demand Metered Service
Load Profile OR_LP_0018

Generation Charges Included
MSC Statement
MSC Adjustment
ZEC/REC Component
Merchant Function Charge
Transition Adj Competitive Services

Delivery Charges Included
Delivery Charges
System Benefit Charge
Dynamic Load Management Surcharge
Delivery Revenue Surcharge
Temporary State Assessment Surcharge
Electric Vehicle Make-Ready Surcharge
Metropolitan Transportation Authority Business Tax Surcharge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.08816	$0.06756
2014	$0.10259	$0.07034
2015	$0.08778	$0.07891
2016	$0.07171	$0.06674
2017	$0.07432	$0.06263
2018	$0.07093	$0.06216
2019	$0.06219	$0.05559
2020	$0.05491	$0.04470
2021	$0.06642	$0.04146
Total % Change	(24.66%)	(38.63%)
CAGR	(3.48%)	(5.92%)

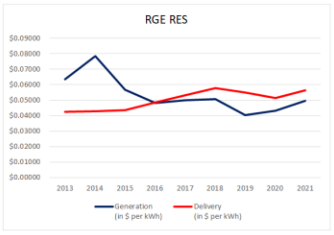


Utility RGE
Customer Class Res
Tariff Name S.C. No. 1, Residential Service - ESCO Supply Service (ESS)
Load Profile RGE_LP_101

Generation Charges Included
RGE Supply Service
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefit Charge
Temporary State Assessment Surcharge
Rate Adjustment Mechanism
Reliability Support Services Surcharge
Tax Credit Statement
Earnings Adjustment MechanismElectric Vehicle Make-Ready SurchargeTax Surcharge Percentages

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06342	$0.04242
2014	$0.07864	$0.04280
2015	$0.05663	$0.04354
2016	$0.04820	$0.04868
2017	$0.05003	$0.05326
2018	$0.05075	$0.05786
2019	$0.04029	$0.05499
2020	$0.04313	$0.05151
2021	$0.04961	$0.05643
Total % Change	(21.78%)	33.02%
CAGR	(3.02%)	3.63%

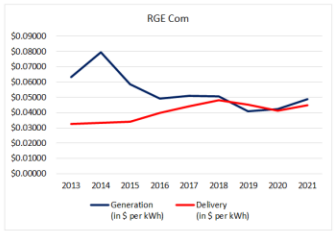


Utility RGE
Customer Class Com
Tariff Name S.C. No. 2, General Service - Small Use - ESCO Supply Service (ESS)
Load Profile RGE_LP_201

Generation Charges Included
RGE Supply Service
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefit Charge
Temporary State Assessment Surcharge
Rate Adjustment Mechanism
Reliability Support Services Surcharge
Tax Credit Statement
Earnings Adjustment MechanismElectric Vehicle Make-Ready SurchargeTax Surcharge Percentages

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06331	$0.03274
2014	$0.07960	$0.03314
2015	$0.05847	$0.03415
2016	$0.04914	$0.03981
2017	$0.05095	$0.04413
2018	$0.05049	$0.04811
2019	$0.04080	$0.04522
2020	$0.04222	$0.04133
2021	$0.04872	$0.04497
Total % Change	(23.05%)	37.36%
CAGR	(3.22%)	4.05%

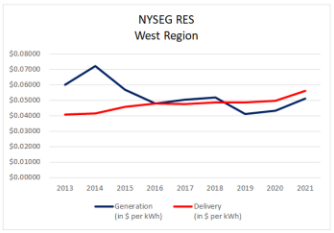


Utility NYSEG
Customer Class Res_West
Tariff Name S.C. No. 1, Residential Service - ESCO Supply Service (ESS) - Zone West
Load Profile NYSEG_LP_SC1

Generation Charges Included
NYSEG Supply Service
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Temporary State Assessment Surcharge
Reliability Support Services Surcharge
Rate Adjustment Mechanism
Tax Credit Statement
Earnings Adjustment MechanismElectric Vehicle Make-Ready SurchargeTax Surcharge Percentages

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06026	$0.04080
2014	$0.07231	$0.04156
2015	$0.05672	$0.04597
2016	$0.04781	$0.04789
2017	$0.05059	$0.04779
2018	$0.05202	$0.04881
2019	$0.04124	$0.04865
2020	$0.04349	$0.04977
2021	$0.05118	$0.05622
Total % Change	(15.06%)	37.82%
CAGR	(2.02%)	4.09%

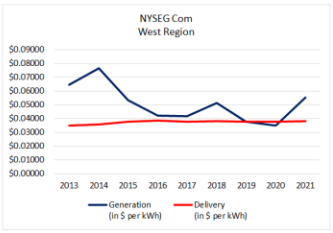


Utility NYSEG
Customer Class Com_West
Tariff Name S.C. No. 2, General Service with Demand Metering - ESCO Supply Service (ESS) - West
Load Profile NYSEG_LP_SC2

Generation Charges Included
NYSEG Supply Service
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Temporary State Assessment Surcharge
Reliability Support Services Surcharge
Rate Adjustment Mechanism
Tax Credit Statement
Earnings Adjustment MechanismElectric Vehicle Make-Ready SurchargeTax Surcharge Percentages

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.06461	$0.03475
2014	$0.07659	$0.03569
2015	$0.05321	$0.03772
2016	$0.04199	$0.03863
2017	$0.04191	$0.03782
2018	$0.05130	$0.03819
2019	$0.03752	$0.03788
2020	$0.03484	$0.03751
2021	$0.05523	$0.03827
Total % Change	(14.51%)	10.15%
CAGR	(1.94%)	1.22%

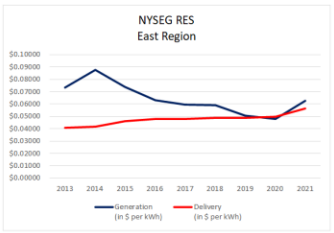


Utility NYSEG
Customer Class Res_East
Tariff Name S.C. No. 1, Residential Service - ESCO Supply Service (ESS) - Zone East
Load Profile NYSEG_LP_SC1

Generation Charges Included
NYSEG Supply Service
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Temporary State Assessment Surcharge
Reliability Support Services Surcharge
Rate Adjustment Mechanism
Tax Credit Statement
Earnings Adjustment MechanismElectric Vehicle Make-Ready SurchargeTax Surcharge Percentages

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.07317	$0.04080
2014	$0.08747	$0.04156
2015	$0.07364	$0.04597
2016	$0.06303	$0.04789
2017	$0.05942	$0.04779
2018	$0.05889	$0.04881
2019	$0.05049	$0.04865
2020	$0.04810	$0.04977
2021	$0.06266	$0.05622
Total % Change	(14.37%)	37.82%
CAGR	(1.92%)	4.09%

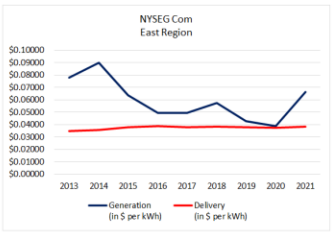


Utility NYSEG
Customer Class Com_East
Tariff Name S.C. No. 2, General Service with Demand Metering - ESCO Supply Service (ESS) - Zone East
Load Profile NYSEG_LP_SC2

Generation Charges Included
NYSEG Supply Service
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Temporary State Assessment Surcharge
Reliability Support Services Surcharge
Rate Adjustment Mechanism
Tax Credit Statement
Earnings Adjustment MechanismElectric Vehicle Make-Ready SurchargeTax Surcharge Percentages

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.07770	$0.03475
2014	$0.08976	$0.03569
2015	$0.06350	$0.03772
2016	$0.04949	$0.03863
2017	$0.04938	$0.03782
2018	$0.05756	$0.03819
2019	$0.04280	$0.03788
2020	$0.03893	$0.03751
2021	$0.06644	$0.03827
Total % Change	(14.48%)	10.15%
CAGR	(1.94%)	1.22%

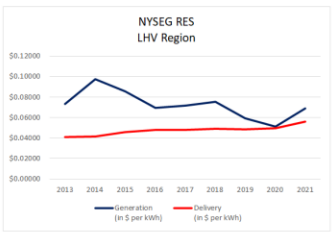


Utility NYSEG
Customer Class Res_LHV
Tariff Name S.C. No. 1, Residential Service - ESCO Supply Service (ESS) - Zone Lower Hudson Value
Load Profile NYSEG_LP_SC1

Generation Charges Included
NYSEG Supply Service
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Temporary State Assessment Surcharge
Reliability Support Services Surcharge
Rate Adjustment Mechanism
Tax Credit Statement
Earnings Adjustment MechanismElectric Vehicle Make-Ready SurchargeTax Surcharge Percentages

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.07317	$0.04080
2014	$0.09764	$0.04156
2015	$0.08548	$0.04597
2016	$0.06931	$0.04789
2017	$0.07176	$0.04779
2018	$0.07541	$0.04881
2019	$0.05929	$0.04865
2020	$0.05134	$0.04977
2021	$0.06904	$0.05622
Total % Change	(5.64%)	37.82%
CAGR	(0.72%)	4.09%

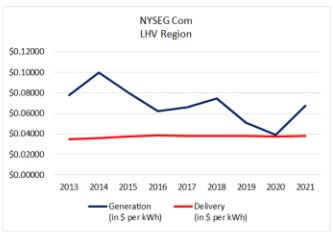


Utility NYSEG
Customer Class Com_LHV
Tariff Name S.C. No. 2, General Service with Demand Metering - ESCO Supply Service (ESS) - Zone Lower Hudson Valley
Load Profile NYSEG_LP_SC2

Generation Charges Included
NYSEG Supply Service
Merchant Function Charge

Delivery Charges Included
Delivery Charges
System Benefits Charge
Temporary State Assessment Surcharge
Reliability Support Services Surcharge
Rate Adjustment Mechanism
Tax Credit Statement
Earnings Adjustment MechanismElectric Vehicle Make-Ready SurchargeTax Surcharge Percentages

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.07770	$0.03475
2014	$0.09997	$0.03569
2015	$0.08056	$0.03772
2016	$0.06221	$0.03863
2017	$0.06612	$0.03782
2018	$0.07444	$0.03819
2019	$0.05080	$0.03788
2020	$0.03928	$0.03751
2021	$0.06755	$0.03827
Total % Change	(13.05%)	10.15%
CAGR	(1.73%)	1.22%



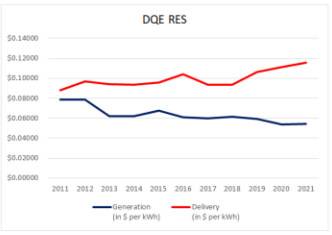
PJM

Utility DQE
Customer Class Res
Tariff Name RS Residential Service
Load Profile DQE_LP_RS

Generation Charges Included
RIDER 8 Supply Charge

Delivery Charges Included
Distribution
Transmission
Consumer Education Surcharge
Retail Market Enhancement Surcharge
Universal Service Charge
Energy Efficiency and Conservation Surcharge
Energy Efficiency and Conservation Surcharge
Phase III Energy Efficiency and Conservation Surcharge
Distribution System Improvement Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.07860	$0.08791
2012	$0.07860	$0.09696
2013	$0.06188	$0.09404
2014	$0.06202	$0.09363
2015	$0.06781	$0.09589
2016	$0.06106	$0.10425
2017	$0.05983	$0.09381
2018	$0.06169	$0.09379
2019	$0.05927	$0.10601
2020	$0.05364	$0.11116
2021	$0.05406	$0.11554
Total % Change	(31.22%)	31.43%
CAGR	(3.67%)	2.77%

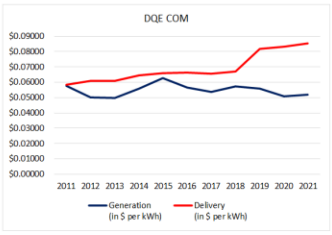


Utility DQE
Customer Class Com
Tariff Name GS/GM General Service Small and Medium
Load Profile DQE_LP_GS

Generation Charges Included
RIDER 8 Supply Charge

Delivery Charges Included
Distribution
Transmission
Consumer Education Surcharge
Retail Market Enhancement Surcharge
Universal Service Charge
Energy Efficiency and Conservation Surcharge
Energy Efficiency and Conservation Surcharge
Phase III Energy Efficiency and Conservation Surcharge
Distribution System Improvement Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.05753	$0.05848
2012	$0.05011	$0.06101
2013	$0.04964	$0.06095
2014	$0.05576	$0.06462
2015	$0.06278	$0.06607
2016	$0.05654	$0.06645
2017	$0.05364	$0.06561
2018	$0.05717	$0.06697
2019	$0.05575	$0.08181
2020	$0.05094	$0.08308
2021	$0.05204	$0.08535
Total % Change	(9.55%)	45.94%
CAGR	(1.00%)	3.85%

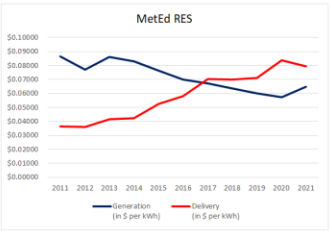


Utility MetEd
Customer Class Res
Tariff Name RS Residential Service
Load Profile MetEd_LP_RSNH

Generation Charges Included
Price to Compare Dafualt Service Rate Rider

Delivery Charges Included
Distribution
Universal Service Charge
Default Service Support Charge Rider
Distribution System Improvement Charge
Energy Efficiency and Conservation Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.08644	$0.03646
2012	$0.07728	$0.03588
2013	$0.08610	$0.04140
2014	$0.08292	$0.04227
2015	$0.07621	$0.05257
2016	$0.07003	$0.05814
2017	$0.06720	$0.07050
2018	$0.06353	$0.06997
2019	$0.05997	$0.07135
2020	$0.05719	$0.08366
2021	$0.06478	$0.07954
Total % Change	(25.06%)	118.14%
CAGR	(2.84%)	8.11%

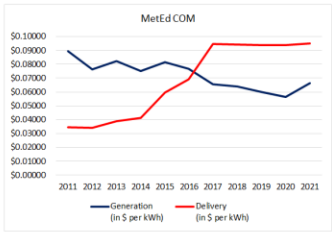


Utility MetEd
Customer Class Com
Tariff Name GS/GM General Service Small and Medium
Load Profile MetEd_LP_GSCS

Generation Charges Included
Price to Compare Dafualt Service Rate Rider

Delivery Charges Included
Distribution
Universal Service Charge
Default Service Support Charge Rider
Distribution System Improvement Charge
Energy Efficiency and Conservation Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.08957	$0.03467
2012	$0.07635	$0.03399
2013	$0.08239	$0.03896
2014	$0.07523	$0.04142
2015	$0.08133	$0.05964
2016	$0.07670	$0.06928
2017	$0.06573	$0.09451
2018	$0.06387	$0.09407
2019	$0.05988	$0.09374
2020	$0.05649	$0.09391
2021	$0.06636	$0.09506
Total % Change	(25.91%)	174.18%
CAGR	(2.96%)	10.61%

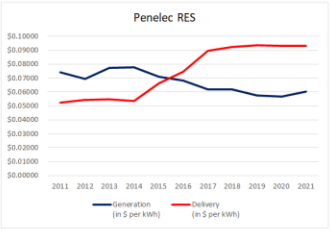


Utility Penel
Customer Class Res
Tariff Name RS Residential Service
Load Profile PNELPA_LP_RSNH

Generation Charges Included
Price to Compare Dafualt Service Rate Rider

Delivery Charges Included
Distribution
Universal Service Charge
Efficiency and Conservation Charge
Default Service Support Charge Rider
Distribution System Improvement Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.07416	$0.05243
2012	$0.06929	$0.05455
2013	$0.07723	$0.05476
2014	$0.07760	$0.05359
2015	$0.07088	$0.06623
2016	$0.06821	$0.07448
2017	$0.06189	$0.08974
2018	$0.06183	$0.09255
2019	$0.05760	$0.09371
2020	$0.05696	$0.09326
2021	$0.06036	$0.09317
Total % Change	(18.60%)	77.71%
CAGR	(2.04%)	5.92%

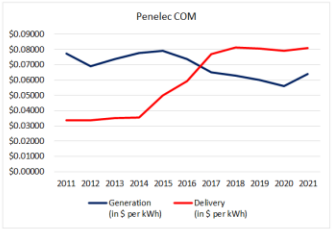


Utility Penel
Customer Class Com
Tariff Name GS/GM General Service Small and Medium
Load Profile PNELPA_LP_GSCS

Generation Charges Included
Price to Compare Dafualt Service Rate Rider

Delivery Charges Included
Distribution
Universal Service Charge
Efficiency and Conservation Charge
Default Service Support Charge Rider
Distribution System Improvement Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.07730	$0.03350
2012	$0.06887	$0.03376
2013	$0.07385	$0.03511
2014	$0.07758	$0.03563
2015	$0.07907	$0.04987
2016	$0.07380	$0.05943
2017	$0.06524	$0.07694
2018	$0.06298	$0.08116
2019	$0.06006	$0.08055
2020	$0.05612	$0.07908
2021	$0.06403	$0.08095
Total % Change	(17.16%)	141.65%
CAGR	(1.87%)	9.22%

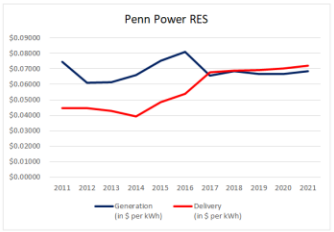


Utility PNPW
Customer Class Res
Tariff Name RS Residential Service
Load Profile PNPW_LP_RG

Generation Charges Included
Price to Compare Dafualt Service Rate Rider

Delivery Charges Included
Distribution
Universal Service Charge
Efficiency and Conservation Charge
Default Service Support Charge Rider
Distribution System Improvement Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.07477	$0.04478
2012	$0.06100	$0.04460
2013	$0.06133	$0.04292
2014	$0.06608	$0.03940
2015	$0.07519	$0.04869
2016	$0.08099	$0.05378
2017	$0.06552	$0.06793
2018	$0.06869	$0.06888
2019	$0.06664	$0.06910
2020	$0.06667	$0.07027
2021	$0.06849	$0.07228
Total % Change	(8.39%)	61.41%
CAGR	(0.87%)	4.90%

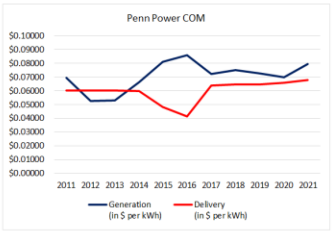


Utility PNPW
Customer Class Com
Tariff Name GS/GM General Service Small and Medium
Load Profile PNPW_LP_CG

Generation Charges Included
Price to Compare Dafualt Service Rate Rider

Delivery Charges Included
Distribution
Universal Service Charge
Efficiency and Conservation Charge
Default Service Support Charge Rider
Distribution System Improvement Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.06944	$0.06008
2012	$0.05261	$0.06021
2013	$0.05286	$0.06016
2014	$0.06631	$0.05988
2015	$0.08122	$0.04825
2016	$0.08604	$0.04147
2017	$0.07242	$0.06387
2018	$0.07520	$0.06458
2019	$0.07289	$0.06451
2020	$0.07001	$0.06581
2021	$0.07949	$0.06802
Total % Change	14.48%	13.22%
CAGR	1.36%	1.25%

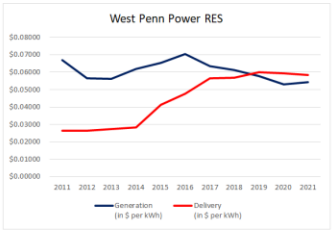


Utility WPNPW
Customer Class Res
Tariff Name RS Residential Service
Load Profile WPNPW_LP_RSNH

Generation Charges Included
Price to Compare Dafualt Service Rate Rider

Delivery Charges Included
Distribution
Universal Service Charge
Efficiency and Conservation Charge
Default Service Support Charge Rider
Distribution System Improvement Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.06709	$0.02641
2012	$0.05639	$0.02641
2013	$0.05613	$0.02748
2014	$0.06183	$0.02821
2015	$0.06549	$0.04136
2016	$0.07059	$0.04754
2017	$0.06339	$0.05646
2018	$0.06135	$0.05671
2019	$0.05783	$0.06006
2020	$0.05313	$0.05948
2021	$0.05425	$0.05833
Total % Change	(19.15%)	120.89%
CAGR	(2.10%)	8.25%

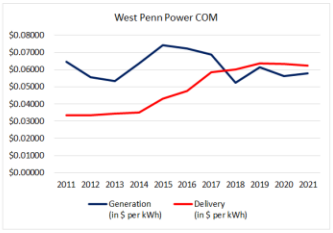


Utility WPNPW
Customer Class Com
Tariff Name GS/GM General Service Small and Medium
Load Profile WPNPW_LP_GSCS

Generation Charges Included
Price to Compare Dafualt Service Rate Rider

Delivery Charges Included
Distribution
Universal Service Charge
Efficiency and Conservation Charge
Default Service Support Charge Rider
Distribution System Improvement Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.06470	$0.03360
2012	$0.05568	$0.03360
2013	$0.05338	$0.03444
2014	$0.06367	$0.03515
2015	$0.07416	$0.04313
2016	$0.07222	$0.04753
2017	$0.06869	$0.05851
2018	$0.05222	$0.05994
2019	$0.06130	$0.06360
2020	$0.05619	$0.06344
2021	$0.05784	$0.06227
Total % Change	(10.60%)	85.35%
CAGR	(1.11%)	6.37%

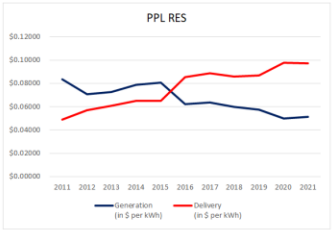


Utility PPL
Customer Class Res
Tariff Name RS Residential Service
Load Profile PPL_LP_RS-GRS

Generation Charges Included
Generation Supply Charge

Delivery Charges Included
Distribution
Transmission
Universal Service Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.08335	$0.04896
2012	$0.07057	$0.05695
2013	$0.07246	$0.06075
2014	$0.07881	$0.06501
2015	$0.08087	$0.06512
2016	$0.06213	$0.08527
2017	$0.06370	$0.08875
2018	$0.05959	$0.08595
2019	$0.05725	$0.08678
2020	$0.04971	$0.09748
2021	$0.05144	$0.09717
Total % Change	(38.28%)	98.47%
CAGR	(4.71%)	7.10%

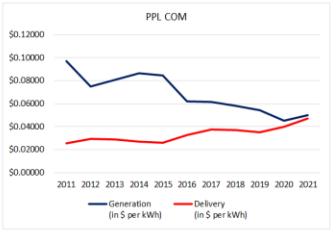


Utility PPL
Customer Class Com
Tariff Name GS/GM General Service Small and Medium
Load Profile PPL_LP_GS1

Generation Charges Included
Generation Supply Charge

Delivery Charges Included
Distribution
Transmission
Universal Service Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.09717	$0.02561
2012	$0.07495	$0.02951
2013	$0.08047	$0.02911
2014	$0.08656	$0.02715
2015	$0.08467	$0.02624
2016	$0.06177	$0.03279
2017	$0.06139	$0.03730
2018	$0.05801	$0.03694
2019	$0.05421	$0.03526
2020	$0.04541	$0.03988
2021	$0.04977	$0.04705
Total % Change	(48.78%)	83.73%
CAGR	(6.47%)	6.27%

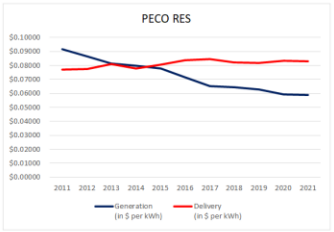


Utility PECO
Customer Class Res
Tariff Name RS Residential Service
Load Profile PECO_LP_R111

Generation Charges Included
Generation Supply Adjustment

Delivery Charges Included
Distribution
Transmission
Energy Efficiency and Conservation
Distribution System Improvement
Universal Service Fund

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.09150	$0.07727
2012	$0.08646	$0.07732
2013	$0.08155	$0.08113
2014	$0.08002	$0.07798
2015	$0.07793	$0.08083
2016	$0.07150	$0.08367
2017	$0.06535	$0.08451
2018	$0.06457	$0.08206
2019	$0.06282	$0.08198
2020	$0.05934	$0.08334
2021	$0.05907	$0.08320
Total % Change	(35.44%)	7.67%
CAGR	(4.28%)	0.74%

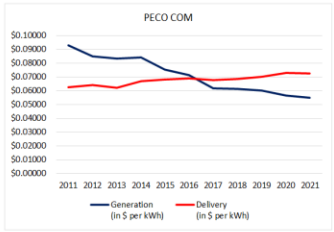


Utility PECO
Customer Class Com
Tariff Name GS/GM General Service Small and Medium
Load Profile PECO_LP_GS107

Generation Charges Included
Generation Supply Adjustment

Delivery Charges Included
Distribution
Transmission
Energy Efficiency and Conservation
Distribution System Improvement
Universal Service Fund

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.09267	$0.06238
2012	$0.08467	$0.06416
2013	$0.08335	$0.06224
2014	$0.08394	$0.06669
2015	$0.07540	$0.06817
2016	$0.07108	$0.06901
2017	$0.06151	$0.06750
2018	$0.06133	$0.06837
2019	$0.06006	$0.07010
2020	$0.05637	$0.07267
2021	$0.05477	$0.07241
Total % Change	(40.90%)	16.09%
CAGR	(5.12%)	1.50%

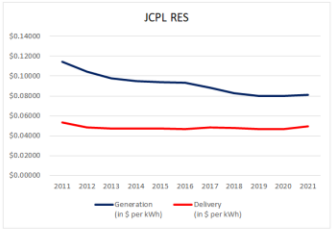


Utility JCPL
Customer Class Res
Tariff Name Service Classification RS Residential Service
Load Profile JCPL_LP_RSNH

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Distribution
Transmission
Rider NGC Non-utility Generation Charge
Rider SBC Societal Benefits Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.11438	$0.05320
2012	$0.10469	$0.04818
2013	$0.09798	$0.04730
2014	$0.09512	$0.04750
2015	$0.09382	$0.04731
2016	$0.09340	$0.04656
2017	$0.08861	$0.04866
2018	$0.08294	$0.04811
2019	$0.07987	$0.04653
2020	$0.07994	$0.04698
2021	$0.08086	$0.04928
Total % Change	(29.31%)	(7.37%)
CAGR	(3.41%)	(0.76%)

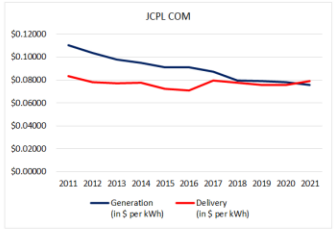


Utility JCPL
Customer Class Com
Tariff Name Service Classification GS General Service Secondary
Load Profile JCPL_LP_GSCS

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Distribution
Transmission
Rider NGC Non-utility Generation Charge
Rider SBC Societal Benefits Charge

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.11028	$0.08343
2012	$0.10375	$0.07832
2013	$0.09785	$0.07733
2014	$0.09494	$0.07754
2015	$0.09128	$0.07244
2016	$0.09119	$0.07096
2017	$0.08737	$0.07968
2018	$0.07952	$0.07775
2019	$0.07893	$0.07552
2020	$0.07807	$0.07576
2021	$0.07548	$0.07897
Total % Change	(31.55%)	(5.35%)
CAGR	(3.72%)	(0.55%)

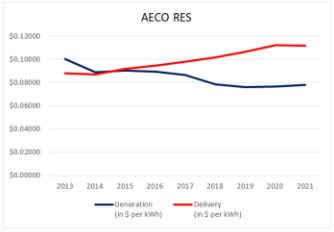


Utility AECO
Customer Class Res
Tariff Name Rate Schedule RS Residential Service
Load Profile AECO_LP_NJARS

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Distribution
Transmission
Rider SEC Securitization - Transistion
Rider SEC Securitization - MTC Tax
Rider (NGC) Non-Utility Generation Charge
Rider (SBC) Societal Benefits Charges
Rider IIP- Infrastructure Investment Program

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.10021	$0.08824
2014	$0.08915	$0.08730
2015	$0.09034	$0.09202
2016	$0.08947	$0.09492
2017	$0.08670	$0.09816
2018	$0.07857	$0.10192
2019	$0.07613	$0.10676
2020	$0.07653	$0.11254
2021	$0.07824	$0.11206
Total % Change	(21.93%)	27.00%
CAGR	(3.05%)	3.03%

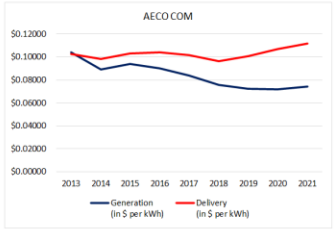


Utility AECO
Customer Class Com
Tariff Name Rate Schedule MGS-Secondary (Monthly General Service)
Load Profile AECO_LP_NJAMS

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Distribution
Transmission
Rider SEC Securitization - Transistion
Rider SEC Securitization - MTC Tax
Rider (NGC) Non-Utility Generation Charge
Rider (SBC) Societal Benefits Charges
Rider IIP- Infrastructure Investment Program

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.10384	$0.10287
2014	$0.08909	$0.09808
2015	$0.09389	$0.10306
2016	$0.09007	$0.10407
2017	$0.08362	$0.10179
2018	$0.07591	$0.09643
2019	$0.07253	$0.10086
2020	$0.07185	$0.10699
2021	$0.07421	$0.11190
Total % Change	(28.53%)	8.78%
CAGR	(4.11%)	1.06%

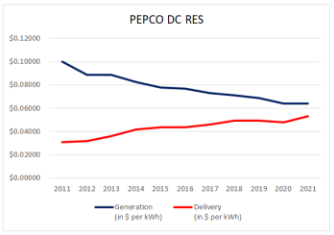


Utility PEPDC
Customer Class Res
Tariff Name Service Classification RS Residential Service
Load Profile PEPCO_DC_LP_RDNS

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Distribution
Transmission
Administrative Credit
Public Space Occupancy Surcharge
Residential Aid Discount Surcharge Rider
Sustainable Energy Trust Fund
Energy Assistance Trust Fund
Underground Project Charge Rider
Underground Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.10020	$0.03097
2012	$0.08854	$0.03184
2013	$0.08884	$0.03637
2014	$0.08256	$0.04162
2015	$0.07773	$0.04357
2016	$0.07707	$0.04367
2017	$0.07325	$0.04612
2018	$0.07102	$0.04954
2019	$0.06888	$0.04946
2020	$0.06394	$0.04812
2021	$0.06422	$0.05296
Total % Change	(35.91%)	71.03%
CAGR	(4.35%)	5.51%

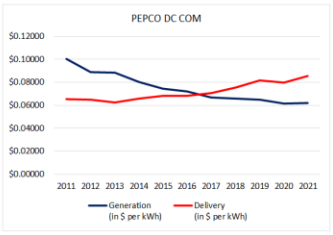


Utility PEPDC
Customer Class Com
Tariff Name Service Classification GS ND General Service Non Demand
Load Profile PEPCO_MD_LP_MDND

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Distribution
Transmission
Administrative Credit
Public Space Occupancy Surcharge
Residential Aid Discount Surcharge Rider
Sustainable Energy Trust Fund
Energy Assistance Trust Fund
Underground Project Charge Rider
Underground Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.10013	$0.06542
2012	$0.08882	$0.06498
2013	$0.08832	$0.06255
2014	$0.08033	$0.06605
2015	$0.07432	$0.06802
2016	$0.07182	$0.06802
2017	$0.06684	$0.07081
2018	$0.06589	$0.07519
2019	$0.06481	$0.08143
2020	$0.06163	$0.07962
2021	$0.06217	$0.08566
Total % Change	(37.91%)	30.94%
CAGR	(4.65%)	2.73%

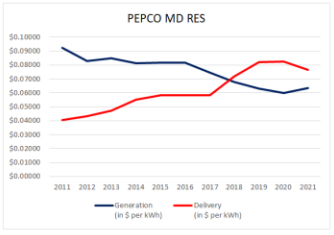


Utility PEPMD
Customer Class Res
Tariff Name Service Classification RS Residential Service
Load Profile PEPCO_MD_LP_RMNS

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Distribution
Transmission
Administrative Credit - AC (in $ per kWh)
E-MD- EMPOWER MD CHARGE
DRS- DEMAND RESOURCE SURCHARGE
GRC- GRID RESILIENCY CHARGE RIDER
USC- Universal Service Charge
MES- Maryland Envrionmental Surcharge
ERR- ECONOMIC RELIEF AND RECOVERY RIDER

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.09222	$0.04040
2012	$0.08303	$0.04335
2013	$0.08481	$0.04738
2014	$0.08130	$0.05510
2015	$0.08172	$0.05853
2016	$0.08165	$0.05851
2017	$0.07450	$0.05825
2018	$0.06781	$0.07175
2019	$0.06305	$0.08206
2020	$0.06012	$0.08262
2021	$0.06347	$0.07643
Total % Change	(31.17%)	89.19%
CAGR	(3.67%)	6.58%

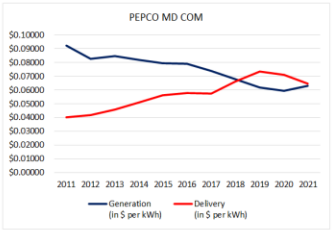


Utility PEPMD
Customer Class Com
Tariff Name Service Classification GS General Service
Load Profile PEPCO_MD_LP_MDND

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Distribution
Transmission
Administrative Credit - AC (in $ per kWh)
E-MD- EMPOWER MD CHARGE
DRS- DEMAND RESOURCE SURCHARGE
GRC- GRID RESILIENCY CHARGE RIDER
USC- Universal Service Charge
MES- Maryland Envrionmental Surcharge
ERR- ECONOMIC RELIEF AND RECOVERY RIDER

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.09236	$0.04021
2012	$0.08268	$0.04188
2013	$0.08463	$0.04590
2014	$0.08207	$0.05122
2015	$0.07946	$0.05617
2016	$0.07920	$0.05765
2017	$0.07397	$0.05733
2018	$0.06770	$0.06636
2019	$0.06203	$0.07331
2020	$0.05955	$0.07094
2021	$0.06311	$0.06449
Total % Change	(31.67%)	60.39%
CAGR	(3.74%)	4.84%

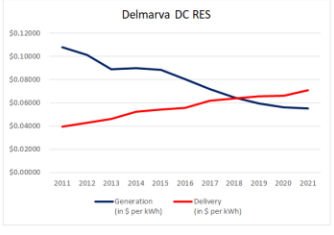


Utility DPLDE
Customer Class Res
Tariff Name RES Residential
Load Profile DLMRV_DE_LP_DEDRS

Generation Charges Included
Standard Offer Service

Delivery Charges Included
Distribution
Transmission
Renewable Portfolio Standard Charge
ENERGY EFFICIENCY SURCHARGE RIDER

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.10811	$0.03971
2012	$0.10129	$0.04286
2013	$0.08908	$0.04648
2014	$0.08987	$0.05233
2015	$0.08832	$0.05431
2016	$0.08040	$0.05593
2017	$0.07178	$0.06207
2018	$0.06455	$0.06376
2019	$0.05973	$0.06554
2020	$0.05635	$0.06634
2021	$0.05519	$0.07097
Total % Change	(48.95%)	78.73%
CAGR	(6.50%)	5.98%

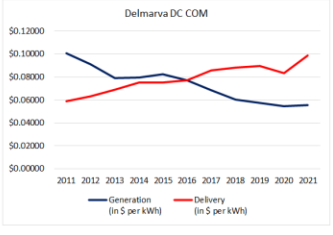


Utility DPLDE
Customer Class Com
Tariff Name SGS
Load Profile DLMRV_DE_LP_DEDGN

Generation Charges Included
Standard Offer Service

Delivery Charges Included
Distribution
Transmission
Renewable Portfolio Standard Charge
ENERGY EFFICIENCY SURCHARGE RIDER

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.10082	$0.05859
2012	$0.09095	$0.06303
2013	$0.07914	$0.06875
2014	$0.07962	$0.07500
2015	$0.08232	$0.07515
2016	$0.07699	$0.07712
2017	$0.06835	$0.08593
2018	$0.06014	$0.08808
2019	$0.05731	$0.08967
2020	$0.05453	$0.08356
2021	$0.05525	$0.09877
Total % Change	(45.20%)	68.58%
CAGR	(5.84%)	5.36%



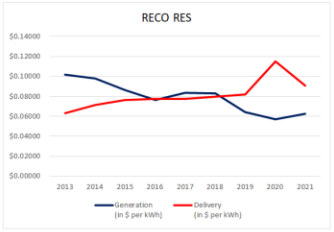
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Utility RECO
Customer Class Res
Tariff Name Residential Service (Service Classification No. 1 Residential Service)
Load Profile RECO_LP_RC301_STRATA_2

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Distribution
Transmission

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.10181	$0.06330
2014	$0.09776	$0.07129
2015	$0.08621	$0.07645
2016	$0.07645	$0.07739
2017	$0.08371	$0.07755
2018	$0.08326	$0.07957
2019	$0.06433	$0.08170
2020	$0.05683	$0.11485
2021	$0.06256	$0.09077
Total % Change	(38.56%)	43.41%
CAGR	(5.91%)	4.61%

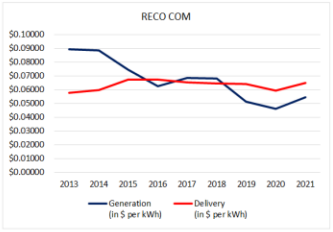


Utility RECO
Customer Class Com
Tariff Name General Service (Service Classification No. 2 General Service)
Load Profile RECO_LP_RC102_STRATA_1

Generation Charges Included
Basic Generation Service

Delivery Charges Included
Distribution
Transmission

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2013	$0.08925	$0.05751
2014	$0.08839	$0.05979
2015	$0.07461	$0.06725
2016	$0.06243	$0.06705
2017	$0.06864	$0.06526
2018	$0.06822	$0.06429
2019	$0.05114	$0.06390
2020	$0.04604	$0.05917
2021	$0.05458	$0.06492
Total % Change	(38.84%)	12.88%
CAGR	(5.96%)	1.53%

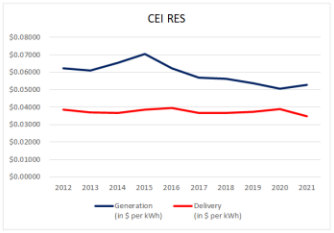


Utility CEI
Customer Class Res
Tariff Name Residential Service Schedule R
Load Profile CEI_LP_RG

Generation Charges Included
Generation & Capacity

Delivery Charges Included
Distribution
Non-Distribution Uncollectible Rider
Rider RDC- Residential Distribution Credit Rider
Rider USF - Universal Service Fund Rider
Rider DSI - Delivery Service Improvement Rider
Rider DSE- Demand Side Management and Energy Efficiency Rider
Rider CSR- Conservation Support Rider
Rider CRC- Consumer Rate Credit Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2012	$0.06236	$0.03869
2013	$0.06096	$0.03710
2014	$0.06534	$0.03675
2015	$0.07055	$0.03864
2016	$0.06223	$0.03970
2017	$0.05699	$0.03660
2018	$0.05619	$0.03662
2019	$0.05362	$0.03729
2020	$0.05048	$0.03900
2021	$0.05298	$0.03481
Total % Change	(15.04%)	(10.03%)
CAGR	(1.79%)	(1.17%)

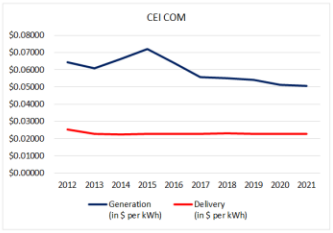


Utility CEI
Customer Class Com
Tariff Name General Service Schedule GS
Load Profile CEI_LP_CG

Generation Charges Included
Generation & Capacity

Delivery Charges Included
Distribution
Non-Distribution Uncollectible Rider
Rider RDC- Residential Distribution Credit Rider
Rider USF - Universal Service Fund Rider
Rider DSI - Delivery Service Improvement Rider
Rider DSE- Demand Side Management and Energy Efficiency Rider
Rider CSR- Conservation Support Rider
Rider CRC- Consumer Rate Credit Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2012	$0.06435	$0.02524
2013	$0.06094	$0.02287
2014	$0.06635	$0.02261
2015	$0.07213	$0.02284
2016	$0.06390	$0.02279
2017	$0.05570	$0.02292
2018	$0.05521	$0.02295
2019	$0.05420	$0.02292
2020	$0.05118	$0.02280
2021	$0.05045	$0.02275
Total % Change	(21.61%)	(9.84%)
CAGR	(2.67%)	(1.14%)

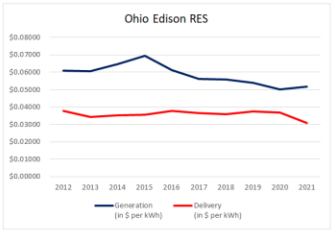


Utility OE
Customer Class Res
Tariff Name Residential Service Schedule R
Load Profile OE_LP_RG

Generation Charges Included
Generation & Capacity

Delivery Charges Included
Distribution
Non-Distribution Uncollectible Rider
Rider RDC- Residential Distribution Credit Rider
Rider USF - Universal Service Fund Rider
Rider DSI - Delivery Service Improvement Rider
Rider DSE- Demand Side Management and Energy Efficiency Rider
Rider CSR- Conservation Support Rider
Rider CRC- Consumer Rate Credit Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2012	$0.06095	$0.03786
2013	$0.06048	$0.03430
2014	$0.06476	$0.03521
2015	$0.06959	$0.03555
2016	$0.06122	$0.03793
2017	$0.05604	$0.03648
2018	$0.05594	$0.03605
2019	$0.05389	$0.03742
2020	$0.05027	$0.03682
2021	$0.05172	$0.03075
Total % Change	(15.13%)	(18.78%)
CAGR	(1.81%)	(2.28%)

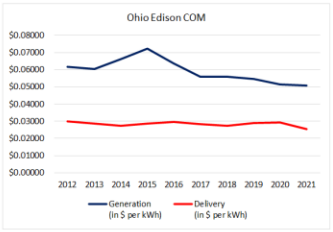


Utility OE
Customer Class Com
Tariff Name General Service Schedule GS
Load Profile OE_LP_RG

Generation Charges Included
Generation & Capacity

Delivery Charges Included
Distribution
Non-Distribution Uncollectible Rider
Rider RDC- Residential Distribution Credit Rider
Rider USF - Universal Service Fund Rider
Rider DSI - Delivery Service Improvement Rider
Rider DSE- Demand Side Management and Energy Efficiency Rider
Rider CSR- Conservation Support Rider
Rider CRC- Consumer Rate Credit Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2012	$0.06165	$0.02984
2013	$0.06056	$0.02874
2014	$0.06633	$0.02731
2015	$0.07212	$0.02874
2016	$0.06372	$0.02949
2017	$0.05600	$0.02845
2018	$0.05582	$0.02729
2019	$0.05456	$0.02907
2020	$0.05132	$0.02935
2021	$0.05072	$0.02536
Total % Change	(17.73%)	(15.01%)
CAGR	(2.15%)	(1.79%)



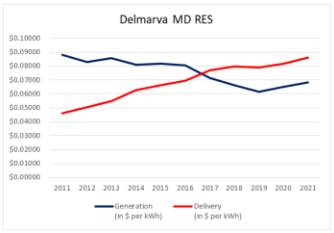
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Utility DPLMD
Customer Class Res
Tariff Name Residential "R"
Load Profile DLMRV_MD_LP_MDDRS

Generation Charges Included
Standard Offer

Delivery Charges Included
Distribution
Transmission
Environmental Surcharge
Administrative Credit
RIDER "E-MD" EmPower Md. Charge
RIDER "DRS" Demand Resource Surcharge
RIDER "GRC" Grid Resiliency Charge Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.08806	$0.04599
2012	$0.08272	$0.05027
2013	$0.08574	$0.05484
2014	$0.08074	$0.06273
2015	$0.08156	$0.06638
2016	$0.08072	$0.06944
2017	$0.07128	$0.07706
2018	$0.06628	$0.07967
2019	$0.06146	$0.07902
2020	$0.06513	$0.08185
2021	$0.06823	$0.08592
Total % Change	(22.52%)	86.82%
CAGR	(2.52%)	6.45%

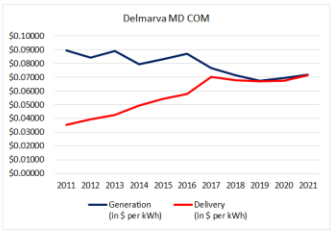


Utility DPLMD
Customer Class Com
Tariff Name Small General Service - Secondary Service "SGS-S"
Load Profile DLMRV_MD_LP_MDDGS

Generation Charges Included
Standard Offer

Delivery Charges Included
Distribution
Transmission
Environmental Surcharge
Administrative Credit
RIDER "E-MD" EmPower Md. Charge
RIDER "DRS" Demand Resource Surcharge
RIDER "GRC" Grid Resiliency Charge Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.08966	$0.03520
2012	$0.08441	$0.03920
2013	$0.08895	$0.04278
2014	$0.07967	$0.04926
2015	$0.08327	$0.05426
2016	$0.08710	$0.05798
2017	$0.07661	$0.07039
2018	$0.07152	$0.06769
2019	$0.06741	$0.06725
2020	$0.06946	$0.06756
2021	$0.07192	$0.07159
Total % Change	(19.79%)	103.38%
CAGR	(2.18%)	7.36%

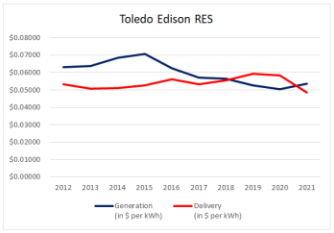


Utility TE
Customer Class Res
Tariff Name Residential Service Schedule R
Load Profile TE_LP_RG

Generation Charges Included
Generation & Capacity

Delivery Charges Included
Distribution
Non-Distribution Uncollectible Rider
Rider RDC- Residential Distribution Credit Rider
Rider USF - Universal Service Fund Rider
Rider DSI - Delivery Service Improvement Rider
Rider DSE- Demand Side Management and Energy Efficiency Rider
Rider CSR- Conservation Support Rider
Rider CRC- Consumer Rate Credit Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2012	$0.06301	$0.05323
2013	$0.06389	$0.05076
2014	$0.06862	$0.05097
2015	$0.07091	$0.05284
2016	$0.06249	$0.05604
2017	$0.05709	$0.05340
2018	$0.05657	$0.05549
2019	$0.05267	$0.05930
2020	$0.05038	$0.05838
2021	$0.05352	$0.04869
Total % Change	(15.05%)	(8.53%)
CAGR	(1.80%)	(0.99%)

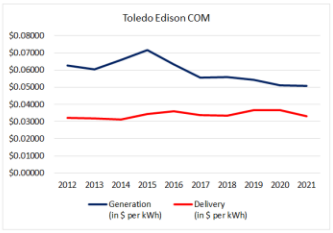


Utility TE
Customer Class Com
Tariff Name General Service Schedule GS
Load Profile TE_LP_CG

Generation Charges Included
Generation & Capacity

Delivery Charges Included
Distribution
Non-Distribution Uncollectible Rider
Rider RDC- Residential Distribution Credit Rider
Rider USF - Universal Service Fund Rider
Rider DSI - Delivery Service Improvement Rider
Rider DSE- Demand Side Management and Energy Efficiency Rider
Rider CSR- Conservation Support Rider
Rider CRC- Consumer Rate Credit Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2012	$0.06278	$0.03223
2013	$0.06045	$0.03187
2014	$0.06581	$0.03112
2015	$0.07153	$0.03434
2016	$0.06325	$0.03602
2017	$0.05569	$0.03367
2018	$0.05578	$0.03348
2019	$0.05444	$0.03674
2020	$0.05119	$0.03680
2021	$0.05085	$0.03328
Total % Change	(18.99%)	3.27%
CAGR	(2.31%)	0.36%

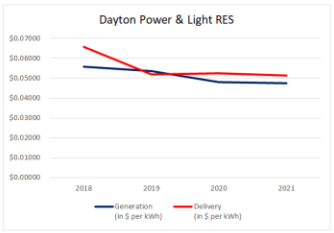


Utility DPL
Customer Class Res
Tariff Name Residential
Load Profile DAY_LP_RS01

Generation Charges Included
Generation & Capacity

Delivery Charges Included
Distribution
Transmission
Universal Service Fund Rider
Storm Cost Recovery Rider
Excise Tax Rider
Energy Efficiency Rider
Economic Development Cost Recovery Rider
Legacy Generation Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2018	$0.05570	$0.06590
2019	$0.05354	$0.05204
2020	$0.04812	$0.05252
2021	$0.04736	$0.05149
Total % Change	(14.98%)	(21.86%)
CAGR	(5.27%)	(7.89%)

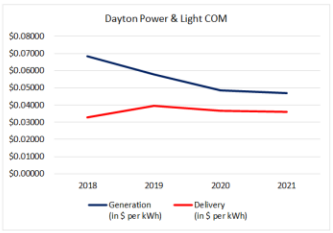


Utility DPL
Customer Class Com
Tariff Name General Service D19 Secondary
Load Profile DAY_LP_SS01

Generation Charges Included
Generation & Capacity

Delivery Charges Included
Distribution
Transmission
Universal Service Fund Rider
Storm Cost Recovery Rider
Excise Tax Rider
Energy Efficiency Rider
Economic Development Cost Recovery Rider
Legacy Generation Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2018	$0.06855	$0.03271
2019	$0.05784	$0.03943
2020	$0.04847	$0.03666
2021	$0.04708	$0.03614
Total % Change	(31.32%)	10.49%
CAGR	(11.77%)	3.38%



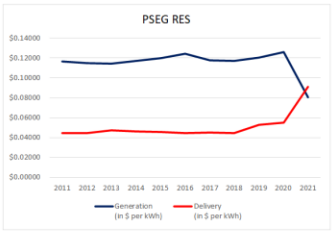
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Utility PSEG
Customer Class Res
Tariff Name Residential Service Schedule R
Load Profile PSEG_LP_RS

Generation Charges Included
Basic Service

Delivery Charges Included
Distribution
SOCIETAL BENEFITS CHARGE
Non-Utility Generation Charge
Zero Emission Recovery Charge
SOLAR PILOT RECOVERY CHARGE
Green Programs Recovery Charge
INFRASTRUCTURE IMPROVEMENT PROGRAM CHARGES

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.11654	$0.04459
2012	$0.11522	$0.04457
2013	$0.11457	$0.04704
2014	$0.11742	$0.04618
2015	$0.12020	$0.04568
2016	$0.12421	$0.04471
2017	$0.11785	$0.04524
2018	$0.11705	$0.04478
2019	$0.12043	$0.05266
2020	$0.12628	$0.05490
2021	$0.08082	$0.09103
Total % Change	(30.65%)	104.15%
CAGR	(3.59%)	7.40%

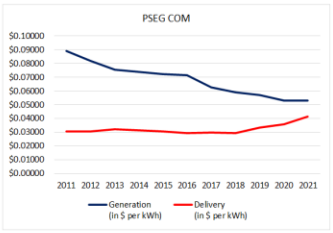


Utility PSEG
Customer Class Com
Tariff Name GLP
Load Profile PSEG_LP_GLP

Generation Charges Included
Generation & Capacity

Delivery Charges Included
Distribution
SOCIETAL BENEFITS CHARGE
Non-Utility Generation Charge
Zero Emission Recovery Charge
SOLAR PILOT RECOVERY CHARGE
Green Programs Recovery Charge
INFRASTRUCTURE IMPROVEMENT PROGRAM CHARGES

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2011	$0.08911	$0.03039
2012	$0.08207	$0.03043
2013	$0.07548	$0.03224
2014	$0.07375	$0.03132
2015	$0.07232	$0.03071
2016	$0.07152	$0.02947
2017	$0.06284	$0.02967
2018	$0.05913	$0.02931
2019	$0.05712	$0.03331
2020	$0.05303	$0.03573
2021	$0.05319	$0.04132
Total % Change	(40.30%)	35.97%
CAGR	(5.03%)	3.12%

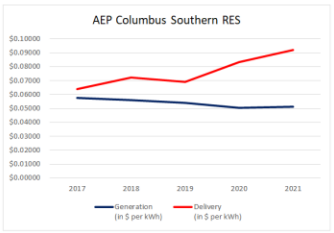


Utility AEPOH CSP
Customer Class Res
Tariff Name Residential Service Schedule R
Load Profile AEP_OH_LP_CCOHRESA

Generation Charges Included
Generation Energy & Capacity

Delivery Charges Included
Distribution
Transmission
UNIVERSAL SERVICE FUND RIDER
Pilot Throughput Balancing Adjustment Rider (PTBAR)
ENHANCED SERVICE RELIABILITY RIDER
gridSMART RIDER $ per Month PHASE 1
DISTRIBUTION INVESTMENT RIDER
STORM DAMAGE RECOVERY RIDER
BAD DEBT RIDER
ECONOMIC DEVELOPMENT COST RECOVERY RIDER
LEGACY GENERATION RESOURCE RIDER (LGR)
RETAIL RECONCILIATION RIDER
SSO CREDIT RIDER
POWER FORWARD RIDER
SMART CITY RIDER
Solar Generation Fund (SGF) RIDER
ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2017	$0.05751	$0.06395
2018	$0.05593	$0.07207
2019	$0.05386	$0.06906
2020	$0.05038	$0.08344
2021	$0.05127	$0.09206
Total % Change	(10.85%)	43.95%
CAGR	(2.83%)	9.54%

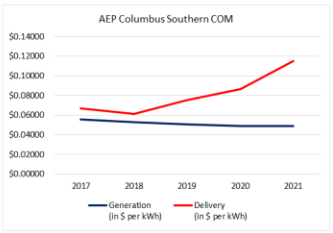


Utility AEPOH CSP
Customer Class Com
Tariff Name GS
Load Profile AEP_OH_LP_CCOHNONA

Generation Charges Included
Generation Energy & Capacity

Delivery Charges Included
Distribution
Transmission
UNIVERSAL SERVICE FUND RIDER
Pilot Throughput Balancing Adjustment Rider (PTBAR)
ENHANCED SERVICE RELIABILITY RIDER
gridSMART RIDER $ per Month PHASE 1
DISTRIBUTION INVESTMENT RIDER
STORM DAMAGE RECOVERY RIDER
BAD DEBT RIDER
ECONOMIC DEVELOPMENT COST RECOVERY RIDER
LEGACY GENERATION RESOURCE RIDER (LGR)
RETAIL RECONCILIATION RIDER
SSO CREDIT RIDER
POWER FORWARD RIDER
SMART CITY RIDER
Solar Generation Fund (SGF) RIDER
ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2017	$0.05588	$0.06680
2018	$0.05268	$0.06147
2019	$0.05081	$0.07529
2020	$0.04890	$0.08682
2021	$0.04871	$0.11511
Total % Change	(12.82%)	72.31%
CAGR	(3.37%)	14.57%

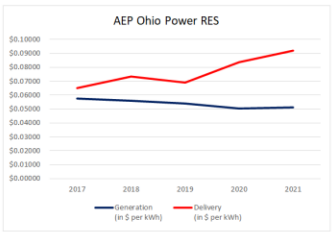


Utility AEPOH OPC
Customer Class Res
Tariff Name Residential Service Schedule R
Load Profile AEP_OH_LP_CCOHRESA

Generation Charges Included
Generation Energy & Capacity

Delivery Charges Included
Distribution
Transmission
UNIVERSAL SERVICE FUND RIDER
Pilot Throughput Balancing Adjustment Rider (PTBAR)
ENHANCED SERVICE RELIABILITY RIDER
gridSMART RIDER $ per Month PHASE 1
DISTRIBUTION INVESTMENT RIDER
STORM DAMAGE RECOVERY RIDER
BAD DEBT RIDER
ECONOMIC DEVELOPMENT COST RECOVERY RIDER
LEGACY GENERATION RESOURCE RIDER (LGR)
RETAIL RECONCILIATION RIDER
SSO CREDIT RIDER
POWER FORWARD RIDER
SMART CITY RIDER
Solar Generation Fund (SGF) RIDER
ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2017	$0.05751	$0.06511
2018	$0.05593	$0.07327
2019	$0.05386	$0.06917
2020	$0.05038	$0.08351
2021	$0.05127	$0.09201
Total % Change	(10.85%)	41.32%
CAGR	(2.83%)	9.03%

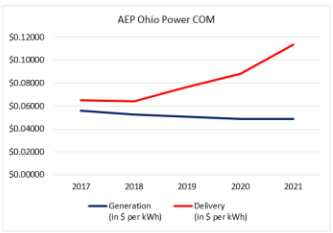


Utility AEPOH OPC
Customer Class Com
Tariff Name GS
Load Profile AEP_OH_LP_CCOHNONA

Generation Charges Included
Generation Energy & Capacity

Delivery Charges Included
Distribution
Transmission
UNIVERSAL SERVICE FUND RIDER
Pilot Throughput Balancing Adjustment Rider (PTBAR)
ENHANCED SERVICE RELIABILITY RIDER
gridSMART RIDER $ per Month PHASE 1
DISTRIBUTION INVESTMENT RIDER
STORM DAMAGE RECOVERY RIDER
BAD DEBT RIDER
ECONOMIC DEVELOPMENT COST RECOVERY RIDER
LEGACY GENERATION RESOURCE RIDER (LGR)
RETAIL RECONCILIATION RIDER
SSO CREDIT RIDER
POWER FORWARD RIDER
SMART CITY RIDER
Solar Generation Fund (SGF) RIDER
ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2017	$0.05588	$0.06504
2018	$0.05268	$0.06392
2019	$0.05081	$0.07650
2020	$0.04890	$0.08803
2021	$0.04871	$0.11374
Total % Change	(12.82%)	74.88%
CAGR	(3.37%)	15.00%

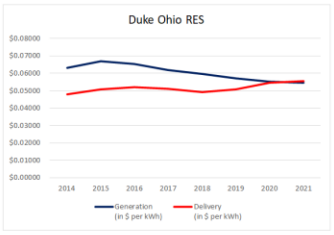


Utility Duke OH
Customer Class Res
Tariff Name Residential Service Schedule RS
Load Profile Duke_OH_LP_RS5

Generation Charges Included
Energy, Capacity & Applicable Adjustments

Delivery Charges Included
Distribution
Transmission
Rider USR- UNIVERSAL SERVICE FUND RIDER
Rider UE-GEN UNCOLLECTIBLE EXPENSE – ELECTRIC GENERATION RIDER
Rider ETCJA, Electric Tax Cuts and jobs Act Rider
Rider ESRR, Electric Service Reliability Rider
Rider PF, PowerForward Rider
Rider DR-IM, Infrastructure Modernization Rider
Rider DR-ECF, Economic Competitiveness Fund Rider
Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery
Rider DDR, Distribution Decoupling Rider
Rider PSR, Price Stabilization Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2014	$0.06321	$0.04787
2015	$0.06699	$0.05080
2016	$0.06546	$0.05203
2017	$0.06177	$0.05120
2018	$0.05967	$0.04921
2019	$0.05718	$0.05086
2020	$0.05528	$0.05454
2021	$0.05466	$0.05547
Total % Change	(13.53%)	15.88%
CAGR	(2.06%)	2.13%

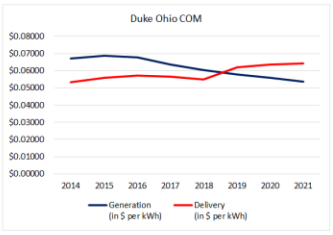


Utility Duke OH
Customer Class Com
Tariff Name Secondary Distribution Service, Small
Load Profile Duke_OH_LP_DM0

Generation Charges Included
Energy, Capacity & Applicable Adjustments

Delivery Charges Included
Distribution
Transmission
Rider USR- UNIVERSAL SERVICE FUND RIDER
Rider UE-GEN UNCOLLECTIBLE EXPENSE – ELECTRIC GENERATION RIDER
Rider ETCJA, Electric Tax Cuts and jobs Act Rider
Rider ESRR, Electric Service Reliability Rider
Rider PF, PowerForward Rider
Rider DR-IM, Infrastructure Modernization Rider
Rider DR-ECF, Economic Competitiveness Fund Rider
Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery
Rider DDR, Distribution Decoupling Rider
Rider PSR, Price Stabilization Rider

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2014	$0.06726	$0.05327
2015	$0.06881	$0.05595
2016	$0.06782	$0.05729
2017	$0.06369	$0.05640
2018	$0.06042	$0.05480
2019	$0.05770	$0.06188
2020	$0.05598	$0.06363
2021	$0.05371	$0.06415
Total % Change	(20.15%)	20.42%
CAGR	(3.16%)	2.69%

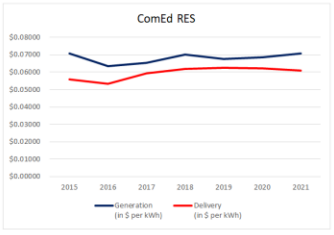


Utility ComEd
Customer Class Res
Tariff Name Residential Service Schedule RS
Load Profile ComEd_LP_23

Generation Charges Included
PEC Purchased Electricity Charges
PSC's - PJM Services Charges
PEA- Purchased Electricity Adjustment

Delivery Charges Included
Distribution
Standard Metering Service Charge (SMSC)
Illinois Electricity Distribution Tax Charge (IEDT)
Rider ECR - Environmental Cost Recovery Adjustment
MISCELLANEOUS PROCUREMENT COMPONENTS ADJUSTMENT FACTOR MPCA
Rider REA - Renewable Energy Adjustment
Rider ZEA - Zero Emission Adjustment
Rider EEPP – Energy Efficiency Pricing and Performanc
Rider EEPA – Energy Efficiency Performance Adjustment
Rider ETAC – Energy Transition Assistance Charge (in $ per kWh)

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2015	$0.07063	$0.05586
2016	$0.06346	$0.05331
2017	$0.06540	$0.05940
2018	$0.06997	$0.06185
2019	$0.06752	$0.06252
2020	$0.06857	$0.06227
2021	$0.07071	$0.06102
Total % Change	0.12%	9.23%
CAGR	0.02%	1.48%



Utility ComEd
Customer Class Com
Tariff Name Small Load
Load Profile ComEd_LP_28

Generation Charges Included
PEC Purchased Electricity Charges
PSC's - PJM Services Charges
PEA- Purchased Electricity Adjustment

Delivery Charges Included
Distribution
Standard Metering Service Charge (SMSC)
Illinois Electricity Distribution Tax Charge (IEDT)
Rider ECR - Environmental Cost Recovery Adjustment
MISCELLANEOUS PROCUREMENT COMPONENTS ADJUSTMENT FACTOR MPCA
Rider REA - Renewable Energy Adjustment
Rider ZEA - Zero Emission Adjustment
Rider EEPP – Energy Efficiency Pricing and Performanc
Rider EEPA – Energy Efficiency Performance Adjustment
Rider ETAC – Energy Transition Assistance Charge (in $ per kWh)

Year	Generation (in $ per kWh)	Delivery (in $ per kWh)
2015	$0.07054	$0.02157
2016	$0.06335	$0.02170
2017	$0.06567	$0.02520
2018	$0.06984	$0.02947
2019	$0.06777	$0.02808
2020	$0.06849	$0.02872
2021	$0.07105	$0.02993
Total % Change	0.72%	38.77%
CAGR	0.12%	5.61%

