



**peco**<sup>SM</sup>

AN EXELON COMPANY

**Richard G. Webster, Jr.**  
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PECO  
2301 Market Street  
S15  
Philadelphia, PA 19103

DATE OF DEPOSIT

1.3.2022

**February 25, 2022**  
**Via Fed Ex**

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**Rosemary Chiavetta, Secretary**  
**Pennsylvania Public Utility Commission**  
**Commonwealth Keystone Building**  
**400 North Street**  
**Harrisburg, PA 17120**

M-2022-3030280

**SUBJECT: PECO Energy's 2022 GAS Annual Resource Planning Report**

Dear Secretary Chiavetta,

In response to 52 Pa. Code §§ 59.81-82, the Company is hereby submitting to the Pennsylvania Public Utility Commission copies of its 2022 Gas Annual Resource Planning Report. Within the guidelines of 52 Pa. Code §§ 59.81, PECO Energy has designated several pages of the Gas Annual Resource Planning Report as **CONFIDENTIAL**. These pages are filed in the accompanying sealed envelope.

Due to the ongoing COVID-19 pandemic, PECO's office personnel are working remotely. Accordingly, PECO will not have its usual access to photocopying and U.S. mail, among other services. PECO requests that all communications with PECO be transmitted by email.

Thank you for your assistance in this matter and please direct any questions regarding the above to Richard Schlesinger, Manager, Retail Rates at (215)-841-5771 or via email: [rich.schlesinger@pecoenergy.com](mailto:rich.schlesinger@pecoenergy.com).

Sincerely,

Enclosures

- cc: K.G. Sophy, Director, Office of Special Assistants (e-mail only)
- P. T. Diskin, Director, Bureau of Technical Utility Services (e-mail only)
- K. Monaghan, Director, Bureau of Audits (e-mail only)
- R. A. Kanaskie, Director, Bureau of Investigation & Enforcement (e-mail only)
- Office of Consumer Advocate (e-mail only)
- Office of Small Business Advocate (e-mail only)

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-1A. ANNUAL ENERGY DEMAND REQUIREMENTS (January 1 through December 31)

Millions of Cubic Feet (MMCF)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2020	-1 2021	0 2022	1 2023	2 2024	3 2025

**FIRM REQUIREMENTS**

01	Retail Residential	38,272	39,580	42,173	42,365	42,734	42,735
02	Retail Commercial	19,340	21,360	23,090	23,185	23,411	23,438
03	Retail Industrial	23	6	29	29	29	29
04	Electric Power Generation	0	0	0	0	0	0
05	Exchange w/other utilities	0	0	0	0	0	0
06	Unaccounted for	1,411	1,657	2,340	2,347	2,366	2,366
07	Company use	160	210	210	210	210	210
08	Other - Interdepartmental	2	1	0	0	0	0
09	<b>Subtotal Firm</b>	<b>59,208</b>	<b>62,814</b>	<b>67,842</b>	<b>68,136</b>	<b>68,750</b>	<b>68,778</b>

**INTERRUPTIBLE REQUIREMENTS**

10	Large C&I	12	16	22	22	22	22
11	Electric Power Generation	0	0	0	0	0	0
12	Company own plant	0	0	0	0	0	0
13	<b>Subtotal Interruptible</b>	<b>12</b>	<b>16</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>
14	<b>Subtotal Firm &amp; Interruptible</b>	<b>59,220</b>	<b>62,831</b>	<b>67,864</b>	<b>68,158</b>	<b>68,772</b>	<b>68,800</b>

**TRANSPORTATION SERVICE**

15	Firm	10,322	12,226	5,204	5,204	5,231	5,227
16	Interruptible	14,018	12,862	20,739	20,736	20,846	20,827
17	Electric Power Generation	193	6	6	6	6	6
18	<b>Subtotal Transportation</b>	<b>24,533</b>	<b>25,094</b>	<b>25,949</b>	<b>25,946</b>	<b>26,083</b>	<b>26,060</b>
19	<b>Total Gas Requirements</b>	<b>83,753</b>	<b>87,925</b>	<b>93,813</b>	<b>94,104</b>	<b>94,855</b>	<b>94,860</b>
20	Increase (Decrease)		4,172	5,888	292	750	6
21	Percent Change (%)		5.0%	6.7%	0.3%	0.8%	0.0%

PA PUBLIC UTILITY COMMISSION  
 SECRETARY'S BUREAU

11/25/22

DATE OF DEPOSIT

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-1A. ANNUAL ENERGY DEMAND REQUIREMENTS (January 1 through December 31)

Millions of Dekatherms (MDTH)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2020	-1 2021	0 2022	1 2023	2 2024	3 2025

**FIRM REQUIREMENTS**

01	Retail Residential	40,185	41,044	43,733	43,933	44,315	44,316
02	Retail Commercial	20,307	22,151	23,944	24,043	24,277	24,305
03	Retail Industrial	24	6	30	30	30	30
04	Electric Power Generation	0	0	0	0	0	0
05	Exchange w/other utilities	0	0	0	0	0	0
06	Unaccounted for	1,482	1,718	2,427	2,434	2,454	2,454
07	Company use	168	218	218	218	218	218
08	Other - Interdepartmental	2	1	0	0	0	0
09	<b>Subtotal Firm</b>	<b>62,168</b>	<b>65,138</b>	<b>70,352</b>	<b>70,657</b>	<b>71,294</b>	<b>71,323</b>

**INTERRUPTIBLE REQUIREMENTS**

10	Retail	12	17	23	23	23	23
11	Electric Power Generation	0	0	0	0	0	0
12	Company own plant	0	0	0	0	0	0
13	<b>Subtotal Interruptible</b>	<b>12</b>	<b>17</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>
14	<b>Subtotal Firm &amp; Interruptible</b>	<b>62,181</b>	<b>65,156</b>	<b>70,375</b>	<b>70,680</b>	<b>71,317</b>	<b>71,346</b>

**TRANSPORTATION SERVICE**

15	Firm	10,838	12,679	5,397	5,397	5,425	5,420
16	Interruptible	14,719	13,338	21,506	21,504	21,617	21,598
17	Electric Power Generation	203	6	6	6	6	6
18	<b>Subtotal Transportation</b>	<b>25,760</b>	<b>26,022</b>	<b>26,909</b>	<b>26,906</b>	<b>27,048</b>	<b>27,025</b>
19	<b>Total Gas Requirements</b>	<b>87,940</b>	<b>91,178</b>	<b>97,284</b>	<b>97,586</b>	<b>98,364</b>	<b>98,370</b>
20	Increase (Decrease)		3,543	4,963	303	778	6
21	Percent Change (%)		4.0%	5.4%	0.3%	0.8%	0.0%

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-1B. PEAK DAY ENERGY DEMAND REQUIREMENTS

Millions of Cubic Feet (MMCF)

	Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
		-2	-1	0	1	2	3
		2020	2021	2022	2023	2024	2025

**FIRM REQUIREMENTS**

01	Retail Residential	329	356	544	546	551	550
02	Retail Commercial	228	249	316	318	321	321
03	Retail Industrial	0	0	0	0	0	0
04	Electric Power Generation	0	0	0	0	0	0
05	Exchange w/other utilities	0	0	0	0	0	0
06	Unaccounted for	0	0	0	0	0	0
07	Company use	1	1	1	1	1	1
08	Other	0	0	0	0	0	0
09	<b>Subtotal Firm</b>	<b>557</b>	<b>605</b>	<b>861</b>	<b>865</b>	<b>873</b>	<b>873</b>

**INTERRUPTIBLE REQUIREMENTS**

10	Retail	0	0	0	0	0	0
11	Electric Power Generation	0	0	0	0	0	0
12	Company own plant	0	0	0	0	0	0
13	<b>Subtotal Interruptible</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
14	<b>Subtotal Firm &amp; Interruptible</b>	<b>557</b>	<b>605</b>	<b>861</b>	<b>865</b>	<b>873</b>	<b>873</b>

**TRANSPORTATION SERVICE**

15	Firm	65	72	73	73	73	73
16	Interruptible	0	0	0	0	0	0
17	Electric Power Generation	0	0	0	0	0	0
18	<b>Subtotal Transportation</b>	<b>65</b>	<b>72</b>	<b>73</b>	<b>73</b>	<b>73</b>	<b>73</b>
19	<b>Total Gas Requirements</b>	<b>623</b>	<b>678</b>	<b>934</b>	<b>938</b>	<b>946</b>	<b>946</b>
20	Increase (Decrease)		55	256	4	8	0
21	Percent Change (%)		8.8%	37.8%	0.4%	0.8%	0.0%

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-1C. PEAK DAY ENERGY DEMAND REQUIREMENTS

Millions of Dekatherms (MDTH)

	Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
		-2 2020	-1 2021	0 2022	1 2023	2 2024	3 2025

**FIRM REQUIREMENTS**

01	Retail Residential	342	369	564	566	571	571
02	Retail Commercial	237	258	328	330	333	333
03	Retail Industrial	0	0	0	0	0	0
04	Electric Power Generation	0	0	0	0	0	0
05	Exchange w/other utilities	0	0	0	0	0	0
06	Unaccounted for	0	0	0	0	0	0
07	Company use	1	1	1	1	1	1
08	Other	0	0	0	0	0	0
09	<b>Subtotal Firm</b>	<b>580</b>	<b>628</b>	<b>893</b>	<b>897</b>	<b>905</b>	<b>905</b>

**INTERRUPTIBLE REQUIREMENTS**

10	Retail	0	0	0	0	0	0
11	Electric Power Generation	0	0	0	0	0	0
12	Company own plant	0	0	0	0	0	0
13	<b>Subtotal Interruptible</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
14	<b>Subtotal Firm &amp; Interruptible</b>	<b>580</b>	<b>628</b>	<b>893</b>	<b>897</b>	<b>905</b>	<b>905</b>

**TRANSPORTATION SERVICE**

15	Firm	68	75	76	76	76	76
16	Interruptible	0	0	0	0	0	0
17	Electric Power Generation	0	0	0	0	0	0
18	<b>Subtotal Transportation</b>	<b>68</b>	<b>75</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>
19	<b>Total Gas Requirements</b>	<b>648</b>	<b>703</b>	<b>969</b>	<b>973</b>	<b>981</b>	<b>981</b>

20	Increase (Decrease)		55	266	4	8	0
21	Percent Change (%)		8.5%	37.8%	0.4%	0.8%	0.0%

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-2A. ANNUAL ENERGY RESOURCES (January 1 through December 31)

Millions of Cubic Feet (MMCF)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2020	-1 2021	0 2022	1 2023	2 2024	3 2025

**GAS SUPPLY**

01	Gas Supply	-	-	8,187	7,368	7,737	7,892
02	Gas Supply	606	-	4,917	4,425	4,646	4,739
03	Gas Supply	-	-	6,924	6,231	6,543	6,674
04	Gas Supply	871	4,814	4,214	3,793	3,983	4,062
05	Gas Supply	6,175	10,384	1,895	1,705	1,790	1,826
06	Gas Supply	3,140	4,262	13,486	12,137	12,744	12,999
07	Gas Supply	270	711	-	-	-	-
08	Gas Supply	927	-	-	-	-	-
09	Gas Supply	2,243	3,953	-	-	-	-
10	Gas Supply	1,157	2,600	-	-	-	-
11	Gas Supply	-	-	-	-	-	-
12	Gas Supply	473	-	-	-	-	-
13	Gas Supply	563	-	-	-	-	-
14	Gas Supply	-	-	-	-	-	-
15	Gas Supply	-	-	-	-	379	379
16	Gas Supply	425	1,208	-	-	-	-
17	Gas Supply	3,580	2,077	-	-	-	-
18	Gas Supply	710	1,697	-	-	-	-
19	Gas Supply	444	-	-	-	-	-
20	Gas Supply	353	1,283	-	-	-	-
21	Gas Supply	359	-	-	-	-	-
22	Gas Supply	4	353	-	-	-	-
23	Gas Supply	1,065	2,678	-	-	-	-
24	Gas Supply	-	-	-	-	-	-
25	Gas Supply	4,922	4,969	-	-	-	-
26	Gas Supply	-	-	-	-	-	-
27	Gas Supply	-	-	-	-	-	-
	<b>Subtotal Supply Contracts</b>	<b>28,285</b>	<b>40,989</b>	<b>39,623</b>	<b>35,660</b>	<b>37,822</b>	<b>38,571</b>
28	Seasonal Purchases	18,612	7,672	16,936	21,192	19,644	18,923
29	Underground Storage Withdrawal	12,161	13,997	10,328	10,328	10,328	10,328
30	LNG Storage Withdrawal	155	173	847	847	847	847
31	Propane/Air	7	0	130	130	130	130
32	SNG Purchases	0	0	0	0	0	0
33	Company Production	0	0	0	0	0	0
34	Local Purchases	0	0	0	0	0	0
35	Exchange with other Utilities	0	0	0	0	0	0
36	Other	0	0	0	0	0	0

**Total Gas Supply for Sales** 59,220 62,831 67,864 68,158 68,772 68,800

**Total Transportation Service** 24,533 25,094 25,949 25,946 26,083 26,060

**TOTAL SALES GAS SUPPLY AND TRANSPORTATION SERVICE** 83,753 87,925 93,813 94,104 94,855 94,860

**DEDUCTIONS**

37	Curtailments	0	0	0	0	0	0
38	Underground Storage Injections	0	0	0	0	0	0
39	LNG Liquefaction	0	0	0	0	0	0
40	Sales to other Utilities	0	0	0	0	0	0
41	Off System Sales	71	2	0	0	0	0
	<b>Total Deductions</b>	<b>71</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Net Gas Supply** 83,682 87,923 93,813 94,104 94,855 94,860

Company Name: PECO Energy Company (Gas Services Group)  
FORM-IRP-GAS-2A. Peak Day (January 1 through December 31)

Millions of Cubic Feet (MMCF)

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-1 2020	-1 2021	0 2022	1 2023	2 2024	3 2025

**GAS SUPPLY**

01	Gas Supply	66	69	70	70	70	70
02	Gas Supply	47	47	45	45	45	45
03	Gas Supply	65	3	34	34	34	34
04	Gas Supply	6	5	8	8	8	8
05	Gas Supply	0	0	29	29	29	29
06	Gas Supply	0	0	3	3	3	3
07	Gas Supply	13	13	47	47	47	47
08	Gas Supply	0	0	4	4	4	4
09	Gas Supply	0	0	24	24	24	24
10	Gas Supply	0	0	28	28	28	28
11	Gas Supply	0	0	0	0	0	29
	<b>Subtotal Supply Contracts</b>	197	138	292	292	292	320
12	Seasonal Purchases	118	164	169	173	123	94
13	Underground Storage Withdrawal	158	226	220	220	220	220
14	LNG Storage Withdrawal	0	0	156	156	214	214
15	Propane/Air	0	0	25	25	25	25
16	SNG Purchases	0	0	0	0	0	0
17	Company Production	0	0	0	0	0	0
18	Local Purchases	0	0	0	0	0	0
19	Exchange with other Utilities	0	0	0	0	0	0
20	Other	0	0	0	0	0	0

**Total Gas Supply for Sales**

**473 529 861 865 873 872**

**Total Transportation Service**

**149 149 73 73 73 73**

**TOTAL SALES GAS SUPPLY AND  
TRANSPORTATION SERVICE**

**622 677 934 938 946 945**

**DEDUCTIONS**

20	Curtailments	0	0	0	0	0	0
21	Underground Storage Injections	0	0	0	0	0	0
22	LNG Liquefaction	0	0	0	0	0	0
23	Sales to other Utilities	0	0	0	0	0	0
24	Off System Sales	0	0	0	0	0	0

**Total Deductions**

**0 0 0 0 0 0**

**Net Gas Supply**

**622 677 934 938 946 945**

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-2B. Peak Day (January 1 through December 31)

Millions of Cubic Feet (MMCF)

Index Year Actual Year	Historical Data				Current Year		Three Year Forecast					
	-2 2020		-1 2021		0 2022		1 2023		2 2024		3 2025	
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
<b>A</b> City Gate Transportation Contracts:												
1 Transportation	27,254	66	25,563	69	25,563	70	25,563	70	25,563	70	25,563	70
2 Transportation	16,202	47	16,253	47	16,253	45	16,253	45	16,253	45	16,253	45
3 Transportation	12,284	65	12,319	3	12,319	34	12,319	34	12,319	34	12,319	34
4 Transportation	2,920	6	2,920	5	2,920	8	2,920	8	2,920	8	2,920	8
5 Transportation	10,529	0	10,559	0	10,559	29	10,559	29	10,559	29	10,559	29
6 Transportation	1,095	0	1,095	0	1,095	3	1,095	3	1,095	3	1,095	3
7 Transportation	17,017	13	17,066	13	17,066	47	17,066	47	17,066	47	17,066	47
8 Transportation	525	0	527	0	527	4	527	4	527	4	527	4
9 Transportation	8,774	0	8,799	0	8,799	24	8,799	24	8,799	24	8,799	24
10 Transportation	-	0	-	0	10,281	28	10,281	28	10,281	28	10,281	28
11 Transportation	-	0	-	0	-	0	-	0	-	0	10,409	29
<b>Total</b>	<b>96,601</b>	<b>197</b>	<b>95,102</b>	<b>138</b>	<b>105,383</b>	<b>292</b>	<b>105,383</b>	<b>292</b>	<b>105,383</b>	<b>292</b>	<b>115,792</b>	<b>320</b>
<b>B</b> Upstream Transportation Contracts:												
1			-	0	-	0	-	0	-	0	-	0
2												
3												
4												
5												
6												
7												
8												
9												
10												
<b>Total</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>0</b>
<b>C</b> Storage-Related Transportation Contracts:												
1 Storage Transportation	-	0	-	0	-	0	-	0	-	0	-	0
2 Storage Transportation	8,434	23	8,507	23	8,434	23	8,434	23	8,434	23	8,434	23
3 Storage Transportation	-	0	-	0	-	0	-	0	-	0	-	0
4 Storage Transportation	-	0	-	0	-	0	-	0	-	0	-	0
5 Storage Transportation	3,729	10	3,467	9	3,116	9	3,116	9	3,116	9	3,116	9
6 Storage Transportation	-	0	-	0	-	0	-	0	-	0	-	0
7 Storage Transportation	4,746	13	4,750	13	4,746	13	4,746	13	4,746	13	4,746	13
8												
<b>Total</b>	<b>16,909</b>	<b>46</b>	<b>16,724</b>	<b>46</b>	<b>16,297</b>	<b>45</b>	<b>16,297</b>	<b>45</b>	<b>16,297</b>	<b>45</b>	<b>16,297</b>	<b>45</b>

Company Name: PECO Energy Company (Gas Services Group)  
 FORM-IRP-GAS-2C. Peak Day (January 1 through December 31)

Millions of Cubic Feet (MMCF)

Index Year Actual Year	Historical Data				Current Year		Three Year Forecast						
	-2 2020		-1 2021		0 2022		1 2023		2 2024		3 2025		
	Winter	Peak	Winter	Peak	Winter	Peak	Winter	Peak	Winter	Peak	Winter	Peak	
	Storage Contracts:												
1	Storage	3,546	27	3,556	32	3,556	35	3,556	35	3,556	35	3,556	35
2	Storage	3,159	35	3,207	35	3,207	35	3,207	35	3,207	35	3,207	35
3	Storage	2,692	33	2,699	32	2,699	30	2,699	30	2,699	30	2,699	30
4	Storage	0	0	0	0	0	0	0	0	0	0	0	0
5	Storage	2,533	22	2,572	54	2,572	42	2,572	42	2,572	42	2,572	42
6	Storage	5,300	54	5,315	75	5,315	63	5,315	63	5,315	63	5,315	63
7	Storage	0	0	0	0	0	0	0	0	0	0	0	0
8	Storage	0	0	0	0	0	0	0	0	0	0	0	0
9	Storage	0	0	1,350	14	1,350	14	1,350	14	1,350	14	1,350	14
	Total	17,229	170	18,700	243	18,700	220	18,700	220	18,700	220	18,700	220







ORIGIN ID: REDA (215) 841-5773  
MIKE BRENNAN  
PECO  
2301 MARKET ST  
S15-2  
PHILADELPHIA, PA 19103  
UNITED STATES US

SHIP DATE: 25FEB22  
ACTWGT: 0.50 LB  
CAD: 112409553/NET4460

BILL SENDER

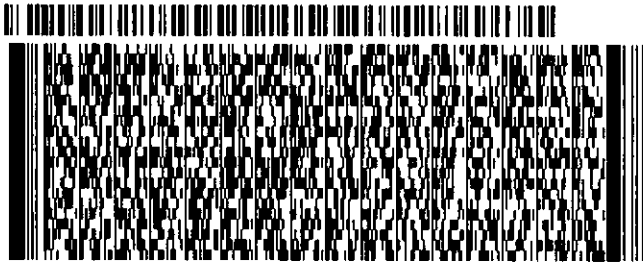
560J027CFE4A

TO ROSEMARY CHIAVETTA  
PENNSYLVANIA PUBLIC UTILITY COMMISS  
2ND FLOOR NORTH, CKB  
400 NORTH ST.  
HARRISBURG PA 17120

(717) 772-7777  
INV.  
PO.

REF: GAS RESOURCE PLAN REPORT

DEPT

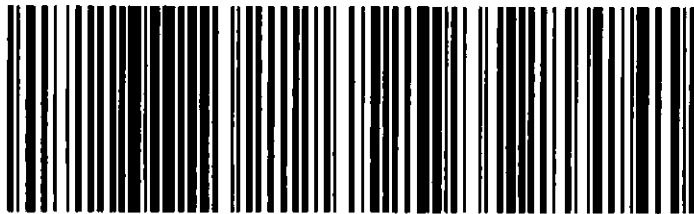


MON - 28 FEB 10:30A  
PRIORITY OVERNIGHT

TRK# 7761 4400 3715  
0201

**XE MDTA**

17120  
PA-US MDT



RECEIVED

FEB 28 2022

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](http://fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Issued: February 22, 2019

Effective May 29, 2021

Expires February 22, 2019

(C) Denotes Change  
Issued: March 10, 2019

If the customer receives Default PLR Service, the terms of this rider shall not also apply to the Energy Supply Charge.