JOSEPH F. JANOCHA

DELMARVA POWER & LIGHT COMPANY
REBUTTAL TESTIMONY OF JOSEPH F. JANOCHA
BEFORE THE DELAWARE PUBLIC SERVICE COMMISSION
CONCERNING AN INCREASE IN ELECTRIC BASE RATES
DOCKET NOS. 09-414/09-276T

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1. Q: <u>Please state your name and position, and business address.</u>

A: My name is Joseph F. Janocha. I am a Regulatory Affairs Manager in the Rates and Technical Services Section of Pepco Holdings Inc. (PHI). My business address is 401 Eagle Run Road, Newark, DE 19702. I am testifying on behalf of Delmarva Power & Light Company (Delmarva or the Company). I submitted Direct Testimony on behalf of Delmarva in this case on September 18, 2009. That testimony contains my educational background and professional qualifications.

2. Q: <u>What are the purposes of your rebuttal testimony?</u>

A: The purposes of my testimony are:

- To incorporate the modified revenue requirement of $26.195 million included in the Rebuttal Testimony of Company Witness Von Steuben into the proposed distribution rate design;
- To address Cost of Service Study issues discussed in the Rebuttal Testimony of Company Witness Tanos as they relate to the distribution rate design; and
- To address rate design, revenue allocation and tariff modification issues raised in the Direct Testimony of Delaware Public Service Commission Staff (DPSC Staff or Staff) Witnesses Howard Solganick

and Donna Mullinax and Division of Public Advocate (DPA) Witness Andrea Crane. I will address each of the issues raised by these witnesses in separate sections of my testimony.

3. **Q: <u>Please describe the modification to the Company rate design based on the proposed changes to the revenue requirement discussed by Company Witness Von Steuben and the Cost of Service Study issues addressed by Company Witness Tanos.</u>**

A: I have modified the overall distribution revenue increase included in Schedule JFJ R-1 to include the amount of $26.195 million, as proposed by Company Witness VonSteuben. Additionally, I have evaluated the Cost of Service Study issues addressed by Company Witness Tanos. I am not proposing any changes to the approach previously taken in allocating the increase across the different Service Classifications.

The results developed in Schedule JFJ R-1 have been incorporated in Schedule JFJ R-3, which provides the detailed rate design for each Service Classification. Additionally, updated bill impacts are provided in Schedule JFJ R-9.

4. **Q: <u>Please provide a summary of the issues included in the testimony of the Staff and DPA Witnesses that you intend to address.</u>**

A: I will address the following revenue allocation and rate design issues raised by Staff and DPA Witnesses:

- The recommendation of Staff Witness Solganick to use a second parameter, total revenue increase percentage, to evaluate the impact of the allocation

among rate classes of revenue associated with the proposed distribution revenue increase.[1]

- The recommendation by Staff Witness Solganick regarding the extension of the applicability of the proposed Telecommunications Network (TN) Service Classification to traffic signal installation.[2]
- The treatment of meter costs assigned to the TN Service Classification through the Class Cost of Service Study (CCOSS) as recommended by Staff Witness Solganick.[3]
- The recommendation of DPA Witness Crane to reject the Establishment of Service Classification TN.[4]
- Concerns and recommendations regarding the Company's proposed Modified Fixed Variable (MFV) rate design raised by Staff Witness Solganick and DPA Witness Crane including:
  - Modifying the proposed definition of Distribution Demand Contribution (DDC) included in the proposed tariff revision so that it reflects the Transmission Peak Load Contribution (PLC) at the time rates are filed by the Company in response to a Commission Order.[5]
  - Establishing a process for the development and administration of DDC's for new customer premises.[6]
  - Evaluating bill impacts over a range of alternative MFV rate designs.[7]

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[1] Staff at 16:27 (Solganick Direct)
[2] Staff at 18:4-23 (Solganick Direct)
[3] Staff at 19:1-12 (Solganick Direct)
[4] DPA at 41:14-20 (Crane Direct)
[5] Staff at 23:4-29 (Solganick Direct)
[6] Staff at 24:1-17 (Solganick Direct); DPA at 35:22- 36:17 (Crane Direct).

- Establishing a limit for the effective term of the DDC.[8]
- Delineating the content of a customer education program and initiating a collaborative effort with Staff and the DPA to develop a program.[9]
- Coordinating the effective date of the electric MFV rate design with a similar mechanism proposed for gas delivery service.[10]

- Treatment of the Company's proposed Utility Facility Relocation Charge (UFRC) Rider as recommended by Staff Witness Mullinax.[11]

Revenue Allocation

5. Q: How have you addressed Staff Witness Solganick's recommendation regarding the allocation of the Company's proposed revenue increase?

A: I have incorporated Mr. Solganick's recommendation to use the total revenue increase as an additional measure of the impact of the proposed revenue allocation. The results are shown on Schedule JFJ R-1. Using the additional measure, no service classification, with the exception of Outdoor Lighting, would see a total average bill increase greater than 200% of the overall average increase.

In order to provide the Outdoor Lighting Service Classification with a total percentage increase of less than or equal to 200% of the system average, it would be necessary to substantially reduce the Unitized Rate of Return (UROR) associated with the service classification. Since the service classification currently has a UROR of less than 1.0, reducing it further is not an appropriate means to achieve equitable revenue allocation. It would serve to widen the

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[7] Staff at 27:16-22; 32:18-21 and 34:1-6 (Solganick Direct); DPA at 37:13-19 (Crane Direct).
[8] Staff at 28:1-17 (Solganick Direct)
[9] Staff at 34:7-9; 35:23 – 36:23 (Solganick Direct); DPA at 38:15- 39:13 (Crane Direct).
[10] Staff at 34:10-13 (Solganick Direct)

disparity between the level of distribution costs required to serve this class and the revenue recovered through distribution rates. As a result, it increases the extent to which customers in other service classifications subsidize those customers in the Outdoor Lighting Service Classification.

To address this issue, I am proposing that the UROR of the Outdoor Lighting Service Classification be maintained at its current level, striking a balance between the development of cost-based rates and customer impact.

Service Classification TN

6. Q: Please respond to DPA Witness Crane's recommendation to reject the proposed new TN Service Classification.

A: In 2002, the Company committed to Comcast that it would pursue the development of a rate designed for cable amplifier applications in its subsequent rate cases. The issue was considered in the Company's distribution rate case in Docket No. 05-304. In Order No. 6930, the Commission decided to table the issue, but authorized any party to bring the issue back before the Commission for consideration in subsequent proceedings. In proposing a TN Service Classification for Delaware in this proceeding, the Company is simply keeping the commitment it originally made to Comcast, within the parameters provided by Commission Order No. 6930. The proposed rate design provides a more economic rate structure for a clearly distinct and homogeneous group of customers.

[11] Staff at 51:11-13 (Mullinax Direct)

7. **Q: <u>Do you concur with Staff Witness Solganick's recommendation to extend the applicability of the proposed new Service Classification TN to traffic signal installations?</u>**

A: No. I would propose that the new Service Classification be limited to the original scope of telecommunications network devices. This would facilitate the administration of the tariff and ensure homogeneity of the service classification.

I understand Mr. Solganick's observation that inclusion of traffic signals in the broad category of outdoor lighting, along with street lighting, does provide them with the benefit of the off peak nature of outdoor street lighting. However, rather than moving them into the TN Service Classification, I would recommend that the traffic signals remain in the Outdoor Lighting Service Classification, but that a separate load profile be developed for them which better reflects the nature of their constant operation. This would result in a more accurate allocation of SOS and transmission costs for these installations. Additionally, I would recommend that the traffic signals be identified separately in future distribution cost of service studies.

8. **Q: <u>Please address Staff Witness Solganick's recommendation regarding the allocation of metering costs associated with customers who could potentially take service under the proposed new Service Classification TN.</u>**

A: In its rate design for Service Classification TN, the Company has completely removed the recovery of meter costs allocated to the new service classification. As the service is proposed to be unmetered, it did not appear warranted to recover meter-related costs through the new rate. Furthermore, the

Company does not believe that the costs for these meters (assuming the service continues to have them) should be borne by customers in other service classifications, as Mr. Solganick appears to recommend.

MFV Rate Design

9. Q: Do you concur with Staff Witness Solganick's recommendation to modify the proposed tariff definition of the DDC?

A: Yes. I am including modified tariff sheets incorporating the language recommended by Mr. Solganick as Schedule JFJ R-10.

10. Q: How does the Company propose to develop and administer DDC's for new customer premises?

A: The issue of the treatment and administration of new premises was raised by both Staff Witness Solganick and DPA Witness Crane. New premises, that is, premises which are added subsequent to the determination of final distribution rates in this proceeding, would initially be assigned a DDC equal to the default Peak Load Contribution (PLC), which is determined in accordance with the Company's Supplier Operating Manual.[12] As noted in the Supplier Operating Manual, the default PLC is maintained until data is available to calculate an actual PLC. Once an actual PLC is determined for these customers, the DDC will be adjusted accordingly to reflect the actual PLC. This DDC will then remain in effect until all customer DDC's are updated in a subsequent distribution rate case proceeding. This approach is consistent with the approach recommended by DPA

[12] Supplier Operating Manual for Atlantic City Electric Company, Delmarva Power, and Pepco; Procedures for Determining Peak Load Contribution for Capacity and Transmission Service and Hourly Energy Obligations, dated October 12, 2009, p. 21.

Witness Crane.[13] Language addressing this approach is included in the modified tariff language included as Schedule JFJ R-10.

11. Q: <u>Does the Company have a proposal to address Mr. Solganick's recommendation to limit the effective term of a customer's DDC?</u>

A: In his testimony, Mr. Solganick notes that the value of a customer's conservation efforts may be reduced if not reflected in an adjustment to their DDC. He suggests consideration of a limit to the effective term of a customer's DDC to address this concern. However, as noted in my Direct Testimony,[14] revenue decoupling is achieved in the Company's proposed MFV rate design by the correlation of the DDC Rate with the DDC billing determinant. An adjustment to a customer's DDC, outside of a distribution base rate case, would also need to be accompanied by a corresponding adjustment to the DDC rate in order to maintain full revenue decoupling. In the absence of a rate change, customer usage fluctuation, in the form of a DDC modification, would result in an associated fluctuation of revenue.

To address the impact of individual customers' conservation efforts on the DDC, while maintaining the MFV rate design as a decoupling mechanism, an alternative approach would involve updating DDC rates on an annual basis using the approved DDC-related revenue requirement for each Service Classification and the current customer PLC's. For each Service Classification, the approved DDC-related revenue requirement is total distribution revenue requirement less the amount associated with the customer charge. The DDC rate update would

[13] DPA at 36:8-17 (Crane Direct)
[14] Delmarva at 8:19 – 9:8 (Janocha Direct)

also include a reconciliation of the actual prior period DDC-related revenue with the approved DDC-related revenue requirement for each Service Classification.

12. Q: <u>Please respond to Staff Witness Solganick's evaluation of the Company's efforts to provide bill impact information of the proposed MFV rate design.</u>

A: Mr. Solganick notes that the Company did not evaluate bill impacts over a range of MFV rate design alternatives. This would give the incorrect impression that the Company did not perform its due diligence in the development of the proposed MFV rate design. There is, however, an underlying rationale supporting the Company's approach.

As noted in my Direct Testimony, the proposed MFV rate design is intended to accurately reflect the nature of the costs of providing electric distribution service, resulting in a rate structure which includes a customer charge and a demand charge.[15] The basis for the demand-related costs is the load imposed on the distribution system during the summer months. This is addressed through the use of a demand-based billing determinant referred to as the DDC. Additionally, the new rate structure is intended to provide distribution revenue stability against fluctuations in energy usage.[16]

As a result of the transition from a volumetric rate to a cost-based MFV, intra-class rate impacts are driven by two main factors. First, the impact associated with establishing a fully cost-based customer charge is primarily related to the overall usage level of a customer. Customers with relatively high usage would see a lower percentage impact, since a larger portion of their bill is

[15] Delmarva at 6:20 – 8:16 (Janocha Direct)
[16] Delmarva at 2:18 – 3:2 (Janocha Direct)

1 composed of usage-based charges. The second factor, which is related to the
2 transition to the fixed demand-based charge, is the relationship between a
3 customer's summer usage to their winter usage. Since the new demand-based
4 billing determinant is based on the customer's usage pattern in the summer
5 months, a customer whose winter usage is close to their summer usage would see
6 a lower impact on a percentage basis.[17]

7 Alternative rate designs must, therefore, meet the rate design objectives,
8 while mitigating the intra-class impacts. This places limits on the appropriate
9 alternatives which can be considered. To address the impact of the customer
10 charge, a range of customer charge levels can be evaluated, from the existing
11 level to the fully cost-based level. Developing alternative rate designs addressing
12 the second issue involving the impacts due to summer/winter usage relationships
13 is more complex and presents some difficulties in meeting the overall objectives.

14 The potential alternatives would involve establishing summer and winter
15 DDC's for each customer. This approach, however, moves the rate design away
16 from the underlying cost basis. Additionally, it creates a rate design which is
17 more complicated to administer and communicate. Given the reasonably good
18 results of the bill impact frequency distributions provided in Schedule JFJ-4 in my
19 Direct Testimony and Schedule JFJ R-4 included in this rebuttal (which
20 incorporate the response to DPSC Staff Data Request PSC-RD-13) for a cost-
21 based rate design, it did not appear that the detailed development of this
22 alternative rate design was warranted. The only practical alternative would
23 involve modifications to the customer charge.

[17] Delmarva at 12:23 – 13:4 (Janocha Direct)

1 **13. Q: <u>Have you evaluated the intra-class impact of varying customer charge levels?</u>**

2 **A:** Yes. Schedules JFJ R-4 though JFJ R-8 provide the results of bill impact
3 frequency distributions for all service classifications for which the MFV is
4 proposed using a revenue-neutral rate design with the existing respective
5 customer charges. The Schedules provide the results on both a percentage basis,
6 as well as on a dollar basis.

7 Additionally, Schedules JFJ R-4 through JFJ R-8 provide the bill impact
8 results for the cost-based and existing customer charge alternatives in a composite
9 chart. The composite charts show that the difference in the bill impacts among
10 the different customer service classifications is not significant. Consequently, the
11 Company continues to propose that the fully cost based alternative be adopted.

12 **14. Q: <u>Do you concur with the recommendations of Staff Witness Solganick and</u>**
13 **<u>DPA Witness Crane regarding a collaborative effort between the Company,</u>**
14 **<u>Staff and the DPA as a means to resolve outstanding issues associated with</u>**
15 **<u>the MFV Rate Design?</u>**

16 **A:** Yes. Staff Witness Solganick recommends that the PSC order the
17 Company to collaborate with Staff and the DPA to develop a customer education
18 program.[18] DPA Witness Crane recommends a series of workshops to examine
19 outstanding issues.[19]

20 The Company recognizes the importance of educating and informing
21 customers about the new rate design to the ultimate acceptance and success of the
22 effort. As noted by Staff Witness Solganick, a collaborative workshop has been

[18] Staff at 36:5-9 (Solganick Direct)
[19] DPA at 39:8-13 (Crane Direct)

established in the Gas Decoupling Proceeding under PSC Docket No. 09-277T, and it would be appropriate to expand the scope of that group to include the customer education and other electric MFV rate design issues.

15. Q: <u>Please respond to Mr. Solganick's comments regarding the Company's vision of the future with regard to the proposed MFV rate design.</u>

A: The deployment of AMI will result in the availability of an increased and more detailed amount of usage data for customers. The increased level of usage data, and, specifically, the availability of daily interval data, will allow the Company to design delivery rates which better reflect the peak time usage of customers.

The rate design method currently proposed relies on a calculation of a proxy for the peak demand contributions on both an individual customer and aggregate customer class basis. Since the calculation is identical for both the individual customer and the class as a whole, it provides a reasonable and equitable allocation of peak responsibility. Future evolutions of the proposed rate design can take advantage of the time interval data that should become available.

An alternative future approach could involve the use of interval data at the time of peak loads or loads on an individual customer basis. That data, in turn, could be used to develop the individual customer DDC. The overall rate design concept would remain the same; however, the increased data available would allow the development of customer billing determinants which more accurately reflect the customer-specific contribution to peak demand.

1 **UFRC**

2 **16. Q: Please respond to Ms. Mullinax's recommendation regarding the treatment**

3 **of the UFRC.**

4 **A:** Staff Witness Mullinax recommends that the Company's proposed UFRC

5 Rider be removed from this case until administrative rules are adopted to

6 administer the UFRC.[20] This recommendation is not appropriate for a number of

7 reasons. First, Section 315 of Title 26 of the Delaware Code authorizes electric

8 and gas utilities to fix rate schedules establishing a UFRC. It does not prescribe

9 the establishment of administrative rules as a prerequisite for the establishment of

10 these rate schedules.

11 Second, Section 315 subjects the electric and gas utilities to the same

12 statutory requirements as water utilities seeking to implement a Distribution

13 System Improvement Charge (DSIC), as delineated in Section 314 of Title 26.

14 Section 314 includes a series of administrative requirements which would be

15 applicable to UFRC filings. It also includes the same language giving the

16 Commission the discretion to adopt rules to administer the DSIC. However,

17 while no administrative rules have been established, public water utilities have

18 been and currently are implementing DSIC rates. It seems contradictory that the

19 UFRC, which is subject to the same statutory requirements as a DSIC, should be

20 deferred, while DSIC rates are currently in place.

21 Third, as noted in my Direct Testimony and in the testimony of Staff

22 Witness Mullinax, the Company is proposing a UFRC adjustment of 0% in this

23 proceeding. The major objective of including it in this filing is to establish the

1 framework for the UFRC to facilitate future filings, which the Company is

2 already authorized to make.

3 **17. Q: <u>Does this conclude your testimony?</u>**

4 **A:** Yes, it does.

[20] Staff at 51:11-13 (Mullinax Direct)

Delmarva Power & Light Company - Delaware
Development of Proposed Distribution Rate
Rate Class Allocation of Distribution Revenue Requirements

TABLE 1 **Allocation of Operating Income Based on Per Books Cost of Service Study Results**

		TOTAL Delaware RETAIL	RESIDENTIAL	RESIDENTIAL SPACE HEATING	GENERAL SERV SECONDARY SMALL	TN SERVICE	GENERAL SERV SECONDARY LARGE	GENERAL SERV PRIMARY SMALL	GENERAL SERV TRANSMISSION	STREET LIGHTING SERVICE
1	Cost of Service Study Results (Schedule EPT-3)									
2	Operating Income	$ 31,970,782	$ 10,552,659	$ 4,359,057	$ 9,041,122	$ 113,232	$ 1,751,604	$ 3,383,660	$ 376,055	$ 2,393,393
3	Distribution Rate Base	$ 417,219,454	$ 168,118,821	$ 80,422,682	$ 63,724,810	$ 340,664	$ 19,095,605	$ 51,733,186	$ 868,602	$ 32,915,084
4	ROR	7.66%	6.28%	5.42%	14.19%	33.24%	9.17%	6.54%	43.29%	7.27%
5	Unitized ROR	1.00	0.82	0.71	1.85	4.34	1.20	0.85	5.65	0.95
6	Revenue Requirements Results (Schedule WMV R-1)									
7	Operating Income	$ 21,258,000	$ 7,016,670	$ 2,898,423	$ 6,011,619	$ 75,290	$ 1,164,676	$ 2,249,862	$ 250,047	$ 1,591,414
8	Distribution Rate Base	$ 460,922,000	$ 185,728,787	$ 88,846,728	$ 70,399,802	$ 376,348	$ 21,095,815	$ 57,152,090	$ 959,586	$ 36,362,845
9	ROR	4.61%	3.78%	3.26%	8.54%	20.01%	5.52%	3.94%	26.06%	4.38%
10	Unitized ROR	1.00	0.82	0.71	1.85	4.34	1.20	0.85	5.65	0.95

11 **TABLE 2** **Cost of Service Class Revenue Increase Allocation**

12	Revenue Requirement (Schedule WMV R-1)	$ 26,195,022
13	Operating Income Deficiency (Schedule WMV R-1)	$ 15,477,484
14	ROR (Schedule WMV-2)	7.97%

	Proposed Revenue Allocation	TOTAL Delaware RETAIL	RESIDENTIAL	RESIDENTIAL SPACE HEATING	GENERAL SERV SECONDARY SMALL	CABLE SERVICE	GENERAL SERV SECONDARY LARGE	GENERAL SERV PRIMARY SMALL	GENERAL SERV TRANSMISSION	STREET LIGHTING SERVICE
16	UROR Adjustment Factor		1.00	0.83	0.88	1.00	1.00	0.78	1.00	0.00
17	UROR		1.00	0.95	1.10	1.00	1.00	0.97	1.00	0.95
18	ROR	7.97%	7.97%	7.57%	8.78%	7.97%	7.97%	7.71%	7.97%	7.56%
19	Incremental Income	$ 15,477,484	$ 7,785,914	$ 3,830,545	$ 170,862	$ 29,995	$ 516,660	$ 2,158,401	$ (173,568)	$ 1,158,673
20	Revenue Conversion Factor	1.69246	1.6925	1.6925	1.6925	1.6925	1.6925	1.6925	1.6925	1.6925
21	Revenue Requirement	$ 26,195,022	$ 13,177,349	$ 6,483,044	$ 289,177	$ 50,765	$ 874,427	$ 3,653,008	$ (293,756)	$ 1,961,008
22	Final Unitized ROR	1.00	1.00	0.95	1.10	1.00	1.00	0.97	1.00	0.95

23 **TABLE 3** **Rate Schedule Specific Revenue Increase Allocation**

			RESIDENTIAL			GENERAL SERV SECONDARY SMALL				
24	Cost of Service Classification									
25	Rate Schedule	Total	R	RTOU-ND	RSH	SGS-S	GS-SH	GS-WH	MGS	TN
26	Annualized Current Distribution Revenue	$ 144,994,026	$ 61,028,009	$ 40,712	$ 25,295,415	$ 6,801,580	$ 443,790	$ 17,406	$ 21,147,618	$ 285,930
27	Revenue Change ($)	$ 26,195,022	$ 13,168,564	$ 8,785	$ 6,483,044	$ 69,230	$ 4,517	$ 177	$ 215,253	$ 50,765
28	Proposed Revenue	$ 171,189,048	$ 74,196,573	$ 49,497	$ 31,778,459	$ 6,870,810	$ 448,307	$ 17,583	$ 21,362,871	$ 336,696
29	Distribution Revenue Change based on Annualized Current Revenue (%)	18.1%	21.6%	21.6%	25.6%	1.0%	1.0%	1.0%	1.0%	17.8%
30	Service Classification Rate Change as a Percentage of Overall Distribution Change		119%	119%	142%	6%	6%	6%	6%	98%
	Total Revenue per MFR Schedule 3A	$ 690,358,647	$ 279,610,722	$ 215,549	$ 137,154,751	$ 22,130,241	$ 3,011,704	$ 89,373	$ 122,851,185	
	Revenue Change based on Annualized Current Revenue (%)	3.8%	4.7%	4.1%	4.7%	0.3%	0.1%	0.2%	0.2%	
	Service Classification Rate Change as a Percentage of Overall Change		124.1%	107.4%	124.6%	8.2%	4.0%	5.2%	4.6%	

					STREET LIGHTING SERVICE	
31	Cost of Service Classification					
32	Rate Schedule	LGS-S	GS-P	GS-T	OL	ORL
33	Annualized Current Distribution Revenue (Schedule JFJ-7)	$ 5,810,470	$ 16,461,754	$ 563,216	$ 7,080,592	$ 17,533
34	Revenue Change ($)	$ 874,427	$ 3,653,008	$ (293,756)	$ 1,956,165	$ 4,844
35	Proposed Revenue	$ 6,684,897	$ 20,114,762	$ 269,460	$ 9,036,757	$ 22,377
36	Distribution Revenue Change based on Annualized Current Revenue (%)	15.0%	22.2%	-52.2%	27.6%	27.6%
37	Service Classification Rate Change as a Percentage of Overall Distribution Change	83%	123%	-289%	153%	153%

Delmarva Power & Light Company - Delaware
Development of Proposed Distribution Rate

Functional Class Allocation of Distribution Revenue Requirements

		R	RSH	RTOU-ND	SGS-S	GS-SH	GS-WH	MGS	TN	LGS-S	GS-P	GS-T	OL	ORL
1	Present Revenue													
2	Customer Related %	27.89%	25.26%	41.68%	26.93%	0.00%	0.00%	18.36%		13.24%	8.79%	52.39%	18.64%	18.64%
3	Demand/Energy Related %	72.11%	74.74%	58.32%	73.07%	100.00%	100.00%	81.64%		86.76%	91.21%	47.61%	81.36%	81.36%
4	Proposed Rate Design													
5	Cost of Service Results (Schedule EPT-4)													
6	Customer Related %	54.93%	52.27%	54.93%	35.18%	35.18%	35.18%	35.18%	85.72%	14.90%	20.91%	91.70%	91.32%	91.32%
7	Demand Related %	45.07%	47.73%	45.07%	64.82%	64.82%	64.82%	64.82%	14.28%	85.10%	79.09%	8.30%	8.68%	8.68%
8	Customer Charge Recovery per COSS Results	$ 40,758,001	$ 16,609,753	$ 27,190	$ 2,416,932	$ 157,700	$ 6,185	$ 7,514,778	$ 288,630	$ 995,777	$ 4,206,274	$ 247,107	$ 8,252,320	$ 20,435
9	Demand/Energy Charge Recovery per COSS Results	$ 33,438,572	$ 15,168,706	$ 22,307	$ 4,453,878	$ 290,607	$ 11,398	$ 13,848,093	$ 48,066	$ 5,689,120	$ 15,908,488	$ 22,353	$ 784,437	$ 1,942
		$ 74,196,573	$ 31,778,459	$ 49,497	$ 6,870,810	$ 448,307	$ 17,583	$ 21,362,871	$ 336,696	$ 6,684,897	$ 20,114,762	$ 269,460	$ 9,036,757	$ 22,377
10	Proposed Customer Charge Recovery	$ 40,758,001	$ 16,609,753	$ 27,190	$ 2,416,932	$ 157,700	$ 6,185	$ 7,514,778	$ 288,630	$ 995,777	$ 4,206,274	$ 247,107	$ 8,252,320	$ 20,435
11	Proposed Demand/Energy Charge Recovery	$ 33,438,572	$ 15,168,706	$ 22,307	$ 4,453,878	$ 290,607	$ 11,398	$ 13,848,093	$ 48,066	$ 5,689,120	$ 15,908,488	$ 22,353	$ 784,437	$ 1,942
12	Total	$ 74,196,573	$ 31,778,459	$ 49,497	$ 6,870,810	$ 448,307	$ 17,583	$ 21,362,871	$ 336,696	$ 6,684,897	$ 20,114,762	$ 269,460	$ 9,036,757	$ 22,377
		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Residential ("R") & Residential Space Heating ("RSH")

		R	RSH
1	Distribution Functional Revenue Requirements Total	$ 74,196,573	$ 31,778,459
2	Proposed Customer Charge Recovery	$ 40,758,001	$ 16,609,753
3	Proposed Demand/Energy Charge Recovery	$ 33,438,572	$ 15,168,706

R

		Existing Rate Design			Proposed Rate Design		
		Billing Determinants	Existing Rate	Existing Revenue	Billing Determinants	Proposed Rate	Proposed Revenue
	Delivery Service						
4	Monthly Customer Charge	2,312,552	$ 7.36	$ 17,020,383	2,312,552	$ 17.62	$ 40,758,001
5	Distribution Energy Rate	1,912,626,635	$ 0.023009	$ 44,007,626			
6	Distribution Demand Contribution Rate				7,919,201	$ 4.222468	$ 33,438,574
7	Total Delivery Service			$ 61,028,009			$ 74,196,575

RSH

		Existing Rate Design			Proposed Rate Design		
		Billing Determinants	Existing Rate	Existing Revenue	Billing Determinants	Proposed Rate	Proposed Revenue
	Delivery Service						
8	Monthly Customer Charge	868,147	$ 7.36	$ 6,389,562	868,147	$ 19.13	$ 16,609,753
9	Distribution Energy Rate	1,046,488,054	$ 0.018066	$ 18,905,853			
10	Distribution Demand Contribution Rate				2,947,691	$ 5.145961	$ 15,168,705
11	Total Delivery Service			$ 25,295,415			$ 31,778,458

Residential Time of Use Non-Demand ("RTOU-ND")

1	Distribution Functional Revenue Requirements Total	$	49,497
2	Proposed Customer Charge Recovery	$	27,190
3	Proposed Demand/Energy Charge Recovery	$	22,307

	R-TOU-ND	Existing Rate Design					Proposed Rate Design				
		Billing Determinants		Current Rate		Present Revenue	Billing Determinants		Proposed Rate		Proposed Revenue
	Delivery Service										
4	Monthly Customer Charge	1,463	$	11.32	$	16,561	1,499	$	18.14	$	27,190
	Distribution Energy Rate										
5	On-Peak	465,276	$	0.039524	$	18,390					
6	Off-Peak	1,086,952	$	0.004327	$	4,703					
7	Distribution Demand Contribution Rate						5,930	$	3.761457	$	22,307
8	Total Delivery Service				$	39,654				$	49,497

	R-TOU	Existing Rate Design				
		Billing Determinants		Current Rate		Present Revenue
	Delivery Service					
9	Monthly Customer Charge	36	$	11.32	$	408
	Distribution					
	Demand					
10	Summer-Demand	47	$	3.916711	$	184
11	Winter-Demand	91	$	3.916034	$	356
12	Distribution Energy Rate	34,483	$	0.003181	$	110
13	Distribution Demand Contribution Rate					
14	Total Delivery Service				$	1,058

Small General Service - Non Demand ("SGS-ND")

1	Distribution Functional Revenue Requirements Total	$	6,870,810
2	Proposed Customer Charge Recovery	$	2,416,932
3	Proposed Demand/Energy Charge Recovery	$	4,453,878

		Existing Rate Design				Proposed Rate Design			
		Billing Determinants		Proposed Rate	Proposed Revenue	Billing Determinants		Proposed Rate	Proposed Revenue
4	Monthly Customer Charge	219,139	$	8.36	$ 1,832,002	205,159	$	11.78	$ 2,416,932
5	Distribution Energy Rate	141,837,997	$	0.035037	$ 4,969,578				
6	Distribution Demand Contribution Rate					424,061	$	10.502921	$ 4,453,878
7	Total Delivery Service				$ 6,801,580				$ 6,870,810

General Service Space Heating ("GS-SH")

1	Distribution Functional Revenue Requirements Total	$	448,307
2	Proposed Demand/Energy Charge Recovery	$	448,307

		Existing Rate Design				Proposed Rate Design			
		Billing Determinants		Current Rate	Present Revenue	Billing Determinants		Proposed Rate	Proposed Revenue
3	Minimum Charge	9,922	$	4.99	$ 49,511	9,922	$	5.04	$ 50,015
4	Distribution Energy Rate	26,818,060	$	0.014702	$ 394,279				
5	Distribution Demand Contribution Rate					63,726	$	6.250078	$ 398,292
6	Total Delivery Service				$ 443,790				$ 448,307

General Service Water Heating ("GS-WH")

1	Distribution Functional Revenue Requirements Total	$	17,583
2	Proposed Demand/Energy Charge Recovery	$	17,583

		Existing Rate Design				Proposed Rate Design			
		Billing Determinants		Current Rate	Present Revenue	Billing Determinants		Proposed Rate	Proposed Revenue
3	Minimum Charge	1,015	$	4.99	$ 5,065	1,015	$	5.04	$ 5,116
4	Distribution Energy Rate	839,424	$	0.014702	$ 12,341				
5	Distribution Demand Contribution Rate					1,599	$	7.796658	$ 12,467
6	Total Delivery Service				$ 17,406				$ 17,583

Service Classification Telcommunications Network Service ("TN")

1	Distribution Functional Revenue Requirements Total	$	336,696	Schedule JFJ-1 Line 28
2	Proposed Customer Charge Recovery	$	239,045	Line 19
3	Proposed Demand/Energy Charge Recovery	$	48,066	Schedule JFJ-2 Line 11
		$	287,111	

4	Delivery Service	Billing Determinants	Current Rate	Present Revenue	Proposed Rate	Proposed Revenue
5	Monthly Customer Charge	17,136	$ -	$ -	$ 13.95	$ 239,045
6	Distribution Energy Rate	6,930,002	$ -	$ -	$ 0.006936	$ 48,066
7	Total Delivery Service			$ -		$ 287,112

8	**Service Classification TN Meter Investment Customer Charge Adjustment**			
9	Cost of Service Results			
10	Customer Related %		85.72%	Schedule JFJ-2 Line 6
11	Demand Related %		14.28%	Schedule JFJ-2 Line 7
12	Distribution Revenue	$	336,696	Schedule JFJ-1 Line 28
13	Customer Charge Recovery per COSS Results	$	288,630	= Line 12 x Line 10
14	Demand/Energy Charge Recovery per COSS Results	$	48,066	= Line 12 x Line 11
15	Total Customer Cost Component Revenue Requirements	$	215,112	Schedule EPT-3
16	Meter Related Revenue Requirement	$	36,955	Schedule EPT-3
17	% of Meter Related Revenue Requirement to Total Customer Revenue Requirement		17.18%	= Line 15 x Line 16
18	Meter Investment Customer Charge Revenue Requirement Adjustment	$	(49,584)	= - Line 13 x Line 17
19	Customer Charge Revenue Requirement Adjusted for Meter Investment	$	239,045	= Line 13 + Line 18

Medium General Service - Secondary ("MGS-S")

1	Distribution Functional Revenue Requirements Total	$	21,362,871
2	Proposed Customer Charge Recovery	$	7,514,778
3	Proposed Demand/Energy Charge Recovery	$	13,848,093

		Existing Rate Design				Proposed Rate Design			
		Billing Determinants		Present Rate	Present Revenue	Billing Determinants		Proposed Rate	Proposed Revenue
4	Monthly Customer Charge	152,707	$	25.42	$ 3,881,812	149,551	$	50.25	$ 7,514,778
5	Distribution Demand	3,901,117	$	3.654078	$ 14,254,987				
6	Distribution Energy Rate	1,143,928,118	$	0.002632	$ 3,010,819				
7	Distribution Demand Contribution Rate					3,432,812	$	4.034037	$ 13,848,092
8	Total Delivery Service				$ 21,147,618				$ 21,362,870

Large Gerneral Service - Secondary ("LGS-S")

1	Distribution Functional Revenue Requirements Total	$	6,684,897
2	Proposed Customer Charge Recovery	$	995,777
3	Proposed Demand/Energy Charge Recovery	$	5,689,120

		Existing Rate Design					Proposed Rate Design				
		Billing Determinants		Present Rate		Present Revenue	Billing Determinants		Proposed Rate		Proposed Revenue
4	Monthly Customer Charge	4,819	$	159.62	$	769,209	4,819	$	206.64	$	995,777
5	Distribution Demand	1,552,950	$	2.407000	$	3,737,951					
6	Distribution Energy Rate	614,768,699	$	0.002120	$	1,303,310					
7	Distribution Demand Contribution Rate						1,369,226	$	4.154991	$	5,689,121
8	Total Delivery Service				$	5,810,470				$	6,684,898

General Service Primary ("GS-P")

1	Distribution Functional Revenue Requirements Total	$	20,114,762
2	Proposed Customer Charge Recovery	$	4,206,274
3	Proposed Demand/Energy Charge Recovery	$	15,908,488

		Existing Rate Design				Proposed Rate Design			
		Billing Determinants		Current Rate	Present Revenue	Billing Determinants		Proposed Rate	Proposed Revenue
4	Monthly Customer Charge	6,149	$	235.42	$ 1,447,598	6,149	$	684.06	$ 4,206,274
5	Distribution Demand	5,720,121	$	2.624797	$ 15,014,156				
6	Distribution Demand Contribution Rate					5,468,259	$	2.909242	$ 15,908,488
7	Total Delivery Service				$ 16,461,754				$ 20,114,762

General Service Transmission ("GS-T")

1 Distribution Functional Revenue Requirements Total $ 269,460

	Existing Rate Design			Proposed Rate Design		
	Billing Determinants	Current Rate	Present Revenue	Billing Determinants	Proposed Rate	Proposed Revenue
2 Monthly Customer Charge	108	$ 2,732.31	$ 295,089	108	$ 2,495.00	$ 269,460
3 Distribution Demand	2,627,281	$ 0.102055	$ 268,127			
4 Total Delivery Service			$ 563,216			$ 269,460

Outdoor Lighting ("OL")

Distribution Functional Revenue Requirements Total	$	9,036,757	
Proposed Customer Charge Recovery	$	8,252,320	
Proposed Demand/Energy Charge Recovery	$	784,437	
Average Energy Rate	$	0.015213	per kWh

1	2	3	4	5	6	7	8	9	10	11 = Col. 14 / (Col. 9 x 12)	12 = Col. 11 -13	13 = Col. 4 * Avg Energy Rate	14 = Total Rev Req/ Tot Pres. Revenue x Col 10
RATE	CLASS	BLOCK	EST. MO. AVG. KWH	Annual KWH	Present Dist Rate	Present Dist. Equip. & Cust.	Present Dist Energy	No. of Lights	Present Annual Revenue	Proposed Dist Rate	Proposed Dist. Equip. & Cust.	Proposed Dist Energy	Proposed Annual Revenue
							$ 0.017075						
25	OL-PL	110	70	1,330,115	$ 4.74	$ 3.54	$ 1.20	1621	$ 92,202	$ 6.05	$ 4.98	$ 1.06	$ 117,675
25	OL-PL	200	46	8,628	$ 4.32	$ 3.53	$ 0.79	16	$ 829	$ 5.51	$ 4.81	$ 0.70	$ 1,059
25	OL-PL	210	70	1,030,613	$ 5.53	$ 4.33	$ 1.20	1256	$ 83,348	$ 7.06	$ 5.99	$ 1.06	$ 106,375
25	OL-PL	213	70	-	$ 3.93	$ 2.73	$ 1.20	0	$ -	$ 5.02	$ 3.95	$ 1.06	$ -
25	OL-PL	214	70	24,617	$ 1.54	$ 0.34	$ 1.20	30	$ 554	$ 1.97	$ 0.90	$ 1.06	$ 708
25	OL-PL	215	99	11,605	$ 7.08	$ 5.39	$ 1.69	10	$ 850	$ 9.04	$ 7.53	$ 1.51	$ 1,084
25	OL-PL	220	155	1,202,812	$ 8.93	$ 6.28	$ 2.65	662	$ 70,940	$ 11.40	$ 9.04	$ 2.36	$ 90,539
25	OL-PL	230	374	517,323	$ 14.96	$ 8.57	$ 6.39	118	$ 21,183	$ 19.09	$ 13.40	$ 5.69	$ 27,036
25	OL-PL	240	36	30,384	$ 4.58	$ 3.97	$ 0.61	72	$ 3,957	$ 5.85	$ 5.30	$ 0.55	$ 5,050
25	OL-PL	245	49	520,394	$ 4.87	$ 4.03	$ 0.84	906	$ 52,947	$ 6.22	$ 5.47	$ 0.75	$ 67,574
25	OL-PL	250	164	3,075,898	$ 11.62	$ 8.82	$ 2.80	1600	$ 223,104	$ 14.83	$ 12.34	$ 2.49	$ 284,741
25	OL-PL	256	164	-	$ 3.61	$ 0.81	$ 2.80	0	$ -	$ 4.61	$ 2.11	$ 2.49	$ -
25	OL-PL	260	36	477,280	$ 5.44	$ 4.83	$ 0.61	1131	$ 73,832	$ 6.94	$ 6.40	$ 0.55	$ 94,229
25	OL-PL	265	49	1,858,140	$ 5.74	$ 4.90	$ 0.84	3235	$ 222,827	$ 7.33	$ 6.58	$ 0.75	$ 284,387
25	OL-PL	270	69	652,726	$ 6.36	$ 5.18	$ 1.18	807	$ 61,590	$ 8.12	$ 7.07	$ 1.05	$ 78,606
25	OL-PL	276	69	93,824	$ 1.52	$ 0.34	$ 1.18	116	$ 2,116	$ 1.94	$ 0.89	$ 1.05	$ 2,700
25	OL-PL	280	109	-	$ 9.83	$ 7.97	$ 1.86	0	$ -	$ 12.55	$ 10.89	$ 1.66	$ -
25	OL-PL	281	109	1,322,437	$ 9.83	$ 7.97	$ 1.86	1035	$ 122,089	$ 12.55	$ 10.89	$ 1.66	$ 155,818
25	OL-PL	284	109	-	$ 2.40	$ 0.54	$ 1.86	0	$ -	$ 3.06	$ 1.40	$ 1.66	$ -
25	OL-PL	300	70	13,949	$ 9.47	$ 8.27	$ 1.20	17	$ 1,932	$ 12.09	$ 11.02	$ 1.06	$ 2,466
25	OL-PL	395	0	492	$ 4.81	$ 4.81	$ -	2	$ 115	$ 6.14	$ 6.14	$ -	$ 147
25	OL-PL	400	0	-	$ 2.46	$ 2.46	$ -	84	$ 2,480	$ 3.14	$ 3.14	$ -	$ 3,165
25	OL-PL	401	0	-	$ 2.46	$ 2.46	$ -	1926	$ 56,856	$ 3.14	$ 3.14	$ -	$ 72,563
25	OL-PL	405	0	-	$ 12.80	$ 12.80	$ -	1531	$ 235,162	$ 16.34	$ 16.34	$ -	$ 300,130
25	OL-PL	406	0	-	$ 8.86	$ 8.86	$ -	4	$ 425	$ 11.31	$ 11.31	$ -	$ 543
25	OL-PL	410	0	-	$ 2.46	$ 2.46	$ -	24	$ 708	$ 3.14	$ 3.14	$ -	$ 904
25	OL-PL	411	0	-	$ 2.46	$ 2.46	$ -	116	$ 3,424	$ 3.14	$ 3.14	$ -	$ 4,370
25	OL-PL	412	0	-	$ 2.46	$ 2.46	$ -	609	$ 17,978	$ 3.14	$ 3.14	$ -	$ 22,944
25	OL-PL	413	0	-	$ 2.46	$ 2.46	$ -	1682	$ 49,653	$ 3.14	$ 3.14	$ -	$ 63,370
25	OL-PL	415	0	-	$ 4.42	$ 4.42	$ -	786	$ 41,689	$ 5.64	$ 5.64	$ -	$ 53,207
25	OL-PL	420	0	-	$ 4.42	$ 4.42	$ -	2214	$ 117,431	$ 5.64	$ 5.64	$ -	$ 149,873
25	OL-PL	421	0	-	$ 7.87	$ 7.87	$ -	175	$ 16,527	$ 10.04	$ 10.04	$ -	$ 21,093
25	OL-PL	425	0	-	$ 7.87	$ 7.87	$ -	153	$ 14,449	$ 10.04	$ 10.04	$ -	$ 18,441
25	OL-PL	435	0	-	$ 11.82	$ 11.82	$ -	1	$ 142	$ 15.09	$ 15.09	$ -	$ 181
25	OL-PL	440	0	-	$ 4.42	$ 4.42	$ -	47	$ 2,493	$ 5.64	$ 5.64	$ -	$ 3,182
25	OL-PL	535	155	1,433,563	$ 11.03	$ 8.38	$ 2.65	789	$ 104,432	$ 14.08	$ 11.72	$ 2.36	$ 133,284
25	OL-PL	460	0	-	$ 15.75	$ 15.75	$ -	0	$ -	$ 20.10	$ 20.10	$ -	$ -
TOTAL OL-PL				13,604,800					$ 1,698,264				$ 2,167,445

1	2	3	4	5	6	7	8	9	10	11 = Col. 14 / (Col. 9 x 12)	12 = Col. 11 -13	13 = Col. 4 * Avg Energy Rate	14 = Total Rev Req/ Tot Pres. Revenue x Col 10
RATE	CLASS	BLOCK	EST. MO. AVG. KWH	Annual Per Lamp KWH	Present Dist Rate	Present Dist. Equip. & Cust.	Present Dist Energy	No. of Lights	Present Annual Per Lamp Revenue	Proposed Dist Rate	Proposed Dist. Equip. & Cust.	Proposed Dist Energy	Proposed Annual Per Lamp Revenue
30	OL-SL	010	35	-	$ 5.12	$ 4.34	$ 0.78	0	$ -	$ 6.53	$ 6.00	$ 0.53	$ -
30	OL-SL	020	69	195,369	$ 6.08	$ 4.54	$ 1.54	239	$ 17,437	$ 7.76	$ 6.71	$ 1.05	$ 22,255
30	OL-SL	030	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
30	OL-SL	045	70	10,781	$ 4.91	$ 3.35	$ 1.56	13	$ 766	$ 6.27	$ 5.20	$ 1.06	$ 978
30	OL-SL	050	46	3,064,328	$ 4.48	$ 3.46	$ 1.02	5623	$ 302,292	$ 5.72	$ 5.02	$ 0.70	$ 385,807
30	OL-SL	051	46	64,306	$ 9.07	$ 8.05	$ 1.02	118	$ 12,843	$ 11.58	$ 10.88	$ 0.70	$ 16,391
30	OL-SL	053	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
30	OL-SL	054	46	2,725	$ 1.05	$ 0.03	$ 1.02	5	$ 63	$ 1.34	$ 0.64	$ 0.70	$ 80
30	OL-SL	070	70	1,694,243	$ 5.73	$ 4.17	$ 1.56	2043	$ 140,477	$ 7.31	$ 6.25	$ 1.06	$ 179,286
30	OL-SL	071	70	349,961	$ 10.33	$ 8.77	$ 1.56	422	$ 52,311	$ 13.18	$ 12.12	$ 1.06	$ 66,763
30	OL-SL	072	70	1,321,062	$ 9.82	$ 8.26	$ 1.56	1593	$ 187,719	$ 12.53	$ 11.47	$ 1.06	$ 239,581
30	OL-SL	073	70	11,610	$ 4.07	$ 2.51	$ 1.56	14	$ 684	$ 5.19	$ 4.13	$ 1.06	$ 873
30	OL-SL	074	70	487,624	$ 1.60	$ 0.04	$ 1.56	588	$ 11,290	$ 2.04	$ 0.98	$ 1.06	$ 14,409
30	OL-SL	080	99	2,034,904	$ 7.34	$ 5.14	$ 2.20	1735	$ 152,819	$ 9.37	$ 7.86	$ 1.51	$ 195,038
30	OL-SL	081	99	16,420	$ 11.92	$ 9.72	$ 2.20	14	$ 2,003	$ 15.21	$ 13.71	$ 1.51	$ 2,556
30	OL-SL	083	99	9,383	$ 5.31	$ 3.11	$ 2.20	6	$ 510	$ 6.78	$ 5.27	$ 1.51	$ 651
30	OL-SL	084	99	824,517	$ 2.26	$ 0.06	$ 2.20	703	$ 19,065	$ 2.88	$ 1.38	$ 1.51	$ 24,333
30	OL-SL	090	155	279,116	$ 9.26	$ 5.81	$ 3.45	152	$ 16,890	$ 11.82	$ 9.46	$ 2.36	$ 21,557
30	OL-SL	091	155	42,235	$ 13.85	$ 10.40	$ 3.45	23	$ 3,823	$ 17.68	$ 15.32	$ 2.36	$ 4,879
30	OL-SL	093	155	-	$ 6.73	$ 3.28	$ 3.45	0	$ -	$ 8.59	$ 6.23	$ 2.36	$ -
30	OL-SL	094	155	16,527	$ 3.55	$ 0.10	$ 3.45	9	$ 383	$ 4.53	$ 2.17	$ 2.36	$ 489
30	OL-SL	099	155	-	$ 3.55	$ 0.10	$ 3.45	0	$ -	$ 4.53	$ 2.17	$ 2.36	$ -
30	OL-SL	111	374	-	$ 14.96	$ 6.64	$ 8.32	0	$ -	$ 19.09	$ 13.40	$ 5.69	$ -
30	OL-SL	114	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
30	OL-SL	115	36	5,872,808	$ 5.64	$ 4.84	$ 0.80	13770	$ 931,954	$ 7.20	$ 6.65	$ 0.55	$ 1,189,426
30	OL-SL	118	36	-	$ 3.58	$ 2.78	$ 0.80	0	$ -	$ 4.57	$ 4.02	$ 0.55	$ -
30	OL-SL	119	36	16,207	$ 0.79	$ (0.01)	$ 0.80	38	$ 360	$ 1.01	$ 0.46	$ 0.55	$ 460
30	OL-SL	120	36	7,677	$ 4.75	$ 3.95	$ 0.80	18	$ 1,026	$ 6.06	$ 5.51	$ 0.55	$ 1,309
30	OL-SL	125	49	-	$ 5.05	$ 3.96	$ 1.09	0	$ -	$ 6.45	$ 5.70	$ 0.75	$ -
30	OL-SL	127	49	21,479	$ 5.05	$ 3.96	$ 1.09	37	$ 2,242	$ 6.45	$ 5.70	$ 0.75	$ 2,862
30	OL-SL	129	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
30	OL-SL	130	49	4,206,334	$ 5.95	$ 4.86	$ 1.09	7246	$ 517,364	$ 7.59	$ 6.85	$ 0.75	$ 660,297
30	OL-SL	132	49	5,225	$ 4.01	$ 2.92	$ 1.09	9	$ 433	$ 5.12	$ 4.37	$ 0.75	$ 553
30	OL-SL	133	49	8,708	$ 4.01	$ 2.92	$ 1.09	15	$ 722	$ 5.12	$ 4.37	$ 0.75	$ 921
30	OL-SL	134	49	232,202	$ 1.12	$ 0.03	$ 1.09	400	$ 5,376	$ 1.43	$ 0.68	$ 0.75	$ 6,861
30	OL-SL	135	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
30	OL-SL	140	69	2,500,564	$ 6.59	$ 5.05	$ 1.54	3059	$ 241,906	$ 8.41	$ 7.36	$ 1.05	$ 308,737
30	OL-SL	143	69	-	$ 4.42	$ 2.88	$ 1.54	0	$ -	$ 5.64	$ 4.59	$ 1.05	$ -
30	OL-SL	144	69	377,659	$ 1.58	$ 0.04	$ 1.54	462	$ 8,760	$ 2.02	$ 0.97	$ 1.05	$ 11,180
30	OL-SL	149	87	844,136	$ 1.99	$ 0.05	$ 1.94	819	$ 19,558	$ 2.54	$ 1.22	$ 1.32	$ 24,961
30	OL-SL	150	109	2,848,665	$ 10.19	$ 7.76	$ 2.43	2206	$ 269,750	$ 13.01	$ 11.35	$ 1.66	$ 344,274
30	OL-SL	151	109	20,661	$ 14.78	$ 12.35	$ 2.43	16	$ 2,838	$ 18.86	$ 17.21	$ 1.66	$ 3,622
30	OL-SL	153	109	25,827	$ 7.11	$ 4.68	$ 2.43	20	$ 1,706	$ 9.07	$ 7.42	$ 1.66	$ 2,178
30	OL-SL	154	109	670,198	$ 2.49	$ 0.06	$ 2.43	519	$ 15,508	$ 3.18	$ 1.52	$ 1.66	$ 19,792
30	OL-SL	159	130	69,305	$ 2.96	$ 0.07	$ 2.89	45	$ 1,598	$ 3.78	$ 1.80	$ 1.98	$ 2,040
30	OL-SL	160	164	2,949,341	$ 12.05	$ 8.40	$ 3.65	1518	$ 219,503	$ 15.38	$ 12.88	$ 2.49	$ 280,145
30	OL-SL	161	164	136,004	$ 16.64	$ 12.99	$ 3.65	70	$ 13,978	$ 21.24	$ 18.74	$ 2.49	$ 17,839
30	OL-SL	163	164	198,177	$ 8.72	$ 5.07	$ 3.65	102	$ 10,673	$ 11.13	$ 8.63	$ 2.49	$ 13,622
30	OL-SL	164	164	825,738	$ 3.74	$ 0.09	$ 3.65	425	$ 19,074	$ 4.77	$ 2.28	$ 2.49	$ 24,344
30	OL-SL	184	378	161,214	$ 8.64	$ 0.23	$ 8.41	36	$ 3,732	$ 11.03	$ 5.28	$ 5.75	$ 4,764
30	OL-SL	195	21	1,244	$ 4.99	$ 4.52	$ 0.47	5	$ 299	$ 6.37	$ 6.05	$ 0.32	$ 382
30	OL-SL	199	21	1,990	$ 0.46	$ (0.01)	$ 0.47	8	$ 44	$ 0.59	$ 0.27	$ 0.32	$ 56
30	OL-SL	222	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
30	OL-SL	280	76	900	$ 1.73	$ 0.04	$ 1.69	1	$ 21	$ 2.21	$ 1.05	$ 1.16	$ 26
30	OL-SL	290	76	2,701	$ 1.73	$ 0.04	$ 1.69	3	$ 62	$ 2.21	$ 1.05	$ 1.16	$ 79
30	OL-SL	305	6	839,765	$ 0.13	$ (0.00)	$ 0.13	11814	$ 18,430	$ 0.17	$ 0.07	$ 0.09	$ 23,521
30	OL-SL	306	6	102,216	$ 0.13	$ (0.00)	$ 0.13	1438	$ 2,243	$ 0.17	$ 0.07	$ 0.09	$ 2,863
30	OL-SL	314	18	268,904	$ 0.40	$ (0.00)	$ 0.40	1261	$ 6,063	$ 0.51	$ 0.24	$ 0.27	$ 7,725
30	OL-SL	324	18	-	$ 0.40	$ (0.00)	$ 0.40	0	$ -	$ 0.51	$ 0.24	$ 0.27	$ -
30	OL-SL	333	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
30	OL-SL	334	30	2,201,059	$ 0.66	$ (0.01)	$ 0.67	6193	$ 49,049	$ 0.84	$ 0.39	$ 0.46	$ 62,599
30	OL-SL	344	30	2,488	$ 0.66	$ (0.01)	$ 0.67	7	$ 55	$ 0.84	$ 0.39	$ 0.46	$ 71
30	OL-SL	354	38	95,890	$ 0.84	$ (0.01)	$ 0.85	213	$ 2,147	$ 1.07	$ 0.49	$ 0.58	$ 2,740
30	OL-SL	364	38	1,938,955	$ 0.84	$ (0.01)	$ 0.85	4307	$ 43,415	$ 1.07	$ 0.49	$ 0.58	$ 55,409
30	OL-SL	376	44	-	$ 0.97	$ (0.01)	$ 0.98	0	$ -	$ 1.24	$ 0.57	$ 0.67	$ -
30	OL-SL	635	155	75,288	$ 11.43	$ 7.98	$ 3.45	41	$ 5,624	$ 14.59	$ 12.23	$ 2.36	$ 7,177
30	OL-SL	639	155	5,509	$ 3.55	$ 0.10	$ 3.45	3	$ 128	$ 4.53	$ 2.17	$ 2.36	$ 163
30	OL-SL	700	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
30	OL-SL	710	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
30	OL-SL	720	0	-	$ 2.55	$ 2.55	$ -	347	$ 10,618	$ 3.25	$ 3.25	$ -	$ 13,552
30	OL-SL	721	0	-	$ 2.55	$ 2.55	$ -	11297	$ 345,688	$ 3.25	$ 3.25	$ -	$ 441,192
30	OL-SL	725	0	-	$ 13.27	$ 13.27	$ -	5616	$ 894,292	$ 16.94	$ 16.94	$ -	$ 1,141,359
30	OL-SL	726	0	-	$ 9.19	$ 9.19	$ -	8	$ 882	$ 11.73	$ 11.73	$ -	$ 1,126
30	OL-SL	730	0	-	$ 2.55	$ 2.55	$ -	364	$ 11,138	$ 3.25	$ 3.25	$ -	$ 14,216
30	OL-SL	731	0	-	$ 2.55	$ 2.55	$ -	422	$ 12,913	$ 3.25	$ 3.25	$ -	$ 16,481
30	OL-SL	732	0	-	$ 2.55	$ 2.55	$ -	410	$ 12,546	$ 3.25	$ 3.25	$ -	$ 16,012
30	OL-SL	733	0	-	$ 2.55	$ 2.55	$ -	269	$ 8,231	$ 3.25	$ 3.25	$ -	$ 10,505
30	OL-SL	735	0	-	$ 4.58	$ 4.58	$ -	442	$ 24,292	$ 5.85	$ 5.85	$ -	$ 31,004
30	OL-SL	740	0	-	$ 4.58	$ 4.58	$ -	12054	$ 662,488	$ 5.85	$ 5.85	$ -	$ 845,514
30	OL-SL	741	0	-	$ 8.16	$ 8.16	$ -	95	$ 9,302	$ 10.41	$ 10.41	$ -	$ 11,872
30	OL-SL	745	0	-	$ 8.16	$ 8.16	$ -	129	$ 12,632	$ 10.41	$ 10.41	$ -	$ 16,121
30	OL-SL	750	0	-	$ 4.58	$ 4.58	$ -	55	$ 3,023	$ 5.85	$ 5.85	$ -	$ 3,858
30	OL-SL	751	0	-	$ 12.25	$ 12.25	$ -	0	$ -	$ 15.63	$ 15.63	$ -	$ -
30	OL-SL	755	0	-	$ 12.25	$ 12.25	$ -	101	$ 14,847	$ 15.63	$ 15.63	$ -	$ 18,949
30	OL-SL	760	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
30	OL-SL	761	0	-	$ 4.58	$ 4.58	$ -	52	$ 2,658	$ 5.85	$ 5.85	$ -	$ 3,647
30	OL-SL	770	0	-	$ 15.75	$ 15.75	$ -	4	$ 756	$ 20.10	$ 20.10	$ -	$ 965
30	OL-SL	800	0	-	$ 12.25	$ 12.25	$ -	128	$ 18,816	$ 15.63	$ 15.63	$ -	$ 24,014
30	OL-SL	888	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
	OL-SL	900	0	-	$ -	$ -	$ -	0	$ -	$ -	$ -	$ -	$ -
TOTAL OL-SL				37,960,145					$ 5,382,328				$ 6,869,311
TOTAL OL				51,564,945					$ 7,080,592				$ 9,036,757

Outdoor Recreational Lighting ("ORL")

1	Distribution Functional Revenue Requirements Total	$	22,377
2	Proposed Customer Charge Recovery	$	20,435
3	Proposed Demand/Energy Charge Recovery	$	1,942

		Existing Rate Design			Proposed Rate Design		
		Billing Determinants	Current Rate	Present Revenue	Billing Determinants	Proposed Rate	Proposed Revenue
4	Customer	391	$ 8.36	$ 3,269	391	$ 52.26	$ 20,435
5	Distribution Energy Rate	594,906	$ 0.023977	$ 14,264	594,906	$ 0.003264	$ 1,942
6	Total Delivery Service			$17,533			$22,377

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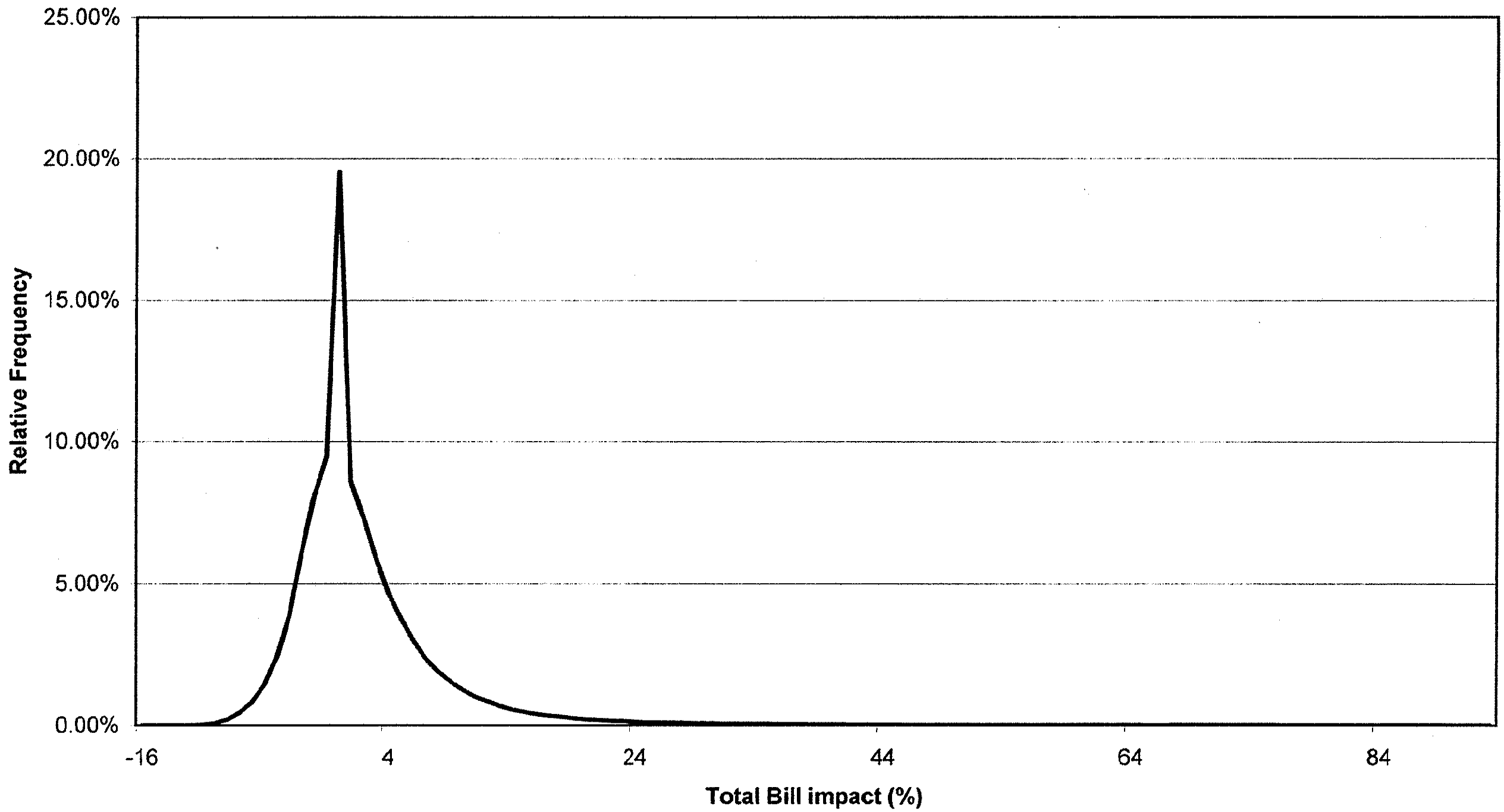
DPL Delaware
Residential Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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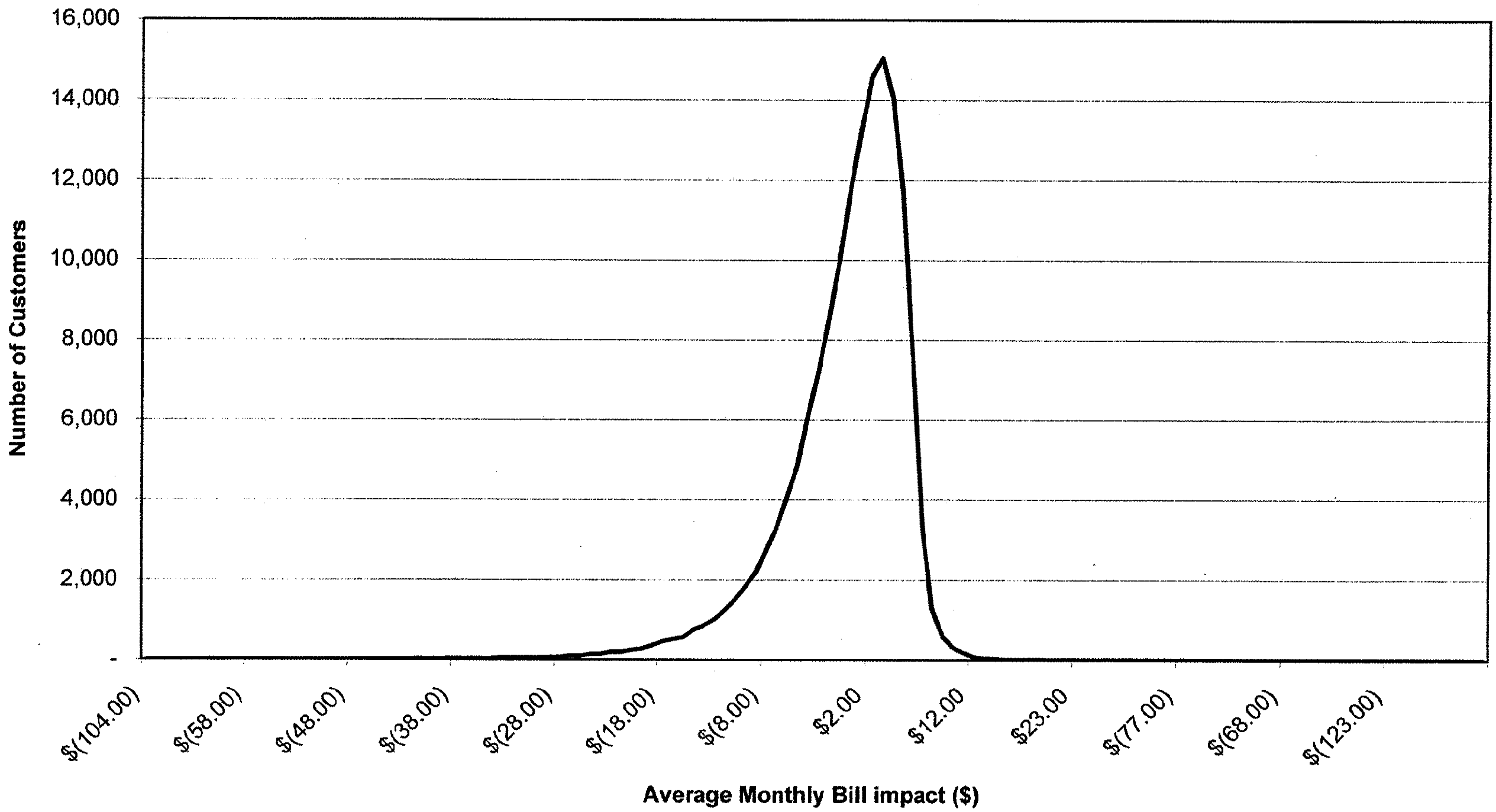
Residential Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
Residential Bill Impact

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers		Avg Monthly Bill Impact	Avg Summer Use Per Customer	Avg Winter Use Per Customer	Avg Annual Use Per Customer	Summer/ Winter Usage Ratio
<-10%	0.13%	196	$	(44.16)	1,682	3,260	2,734	0.52
-6% to -10%	2.94%	4,538	$	(18.73)	1,412	2,005	1,807	0.70
-5% to -6%	2.39%	3,692	$	(12.71)	1,550	1,664	1,626	0.93
-4% to -5%	3.88%	5,990	$	(9.78)	1,587	1,492	1,524	1.06
-3% to -4%	6.03%	9,304	$	(7.01)	1,554	1,316	1,395	1.18
-2% to -3%	8.08%	12,467	$	(4.51)	1,465	1,136	1,246	1.29
-1% to -2%	9.47%	14,607	$	(2.47)	1,379	988	1,119	1.40
-1% to 1%	19.53%	30,137	$	(0.06)	1,224	798	940	1.53
1% to 2%	8.60%	13,263	$	1.76	1,061	641	781	1.65
2% to 3%	7.31%	11,273	$	2.64	962	560	694	1.72
3% to 4%	5.94%	9,166	$	3.34	870	491	617	1.77
4% to 5%	4.67%	7,199	$	3.88	784	433	550	1.81
5% to 6%	3.78%	5,837	$	4.31	715	384	494	1.86
6% to 7%	3.03%	4,670	$	4.73	669	347	454	1.93
7% to 8%	2.38%	3,670	$	5.00	611	312	412	1.96
8% to 9%	1.91%	2,944	$	5.31	582	285	384	2.04
9% to 10%	1.57%	2,416	$	5.47	530	258	349	2.05
>10%	8.38%	12,938	$	6.14	346	159	222	2.17

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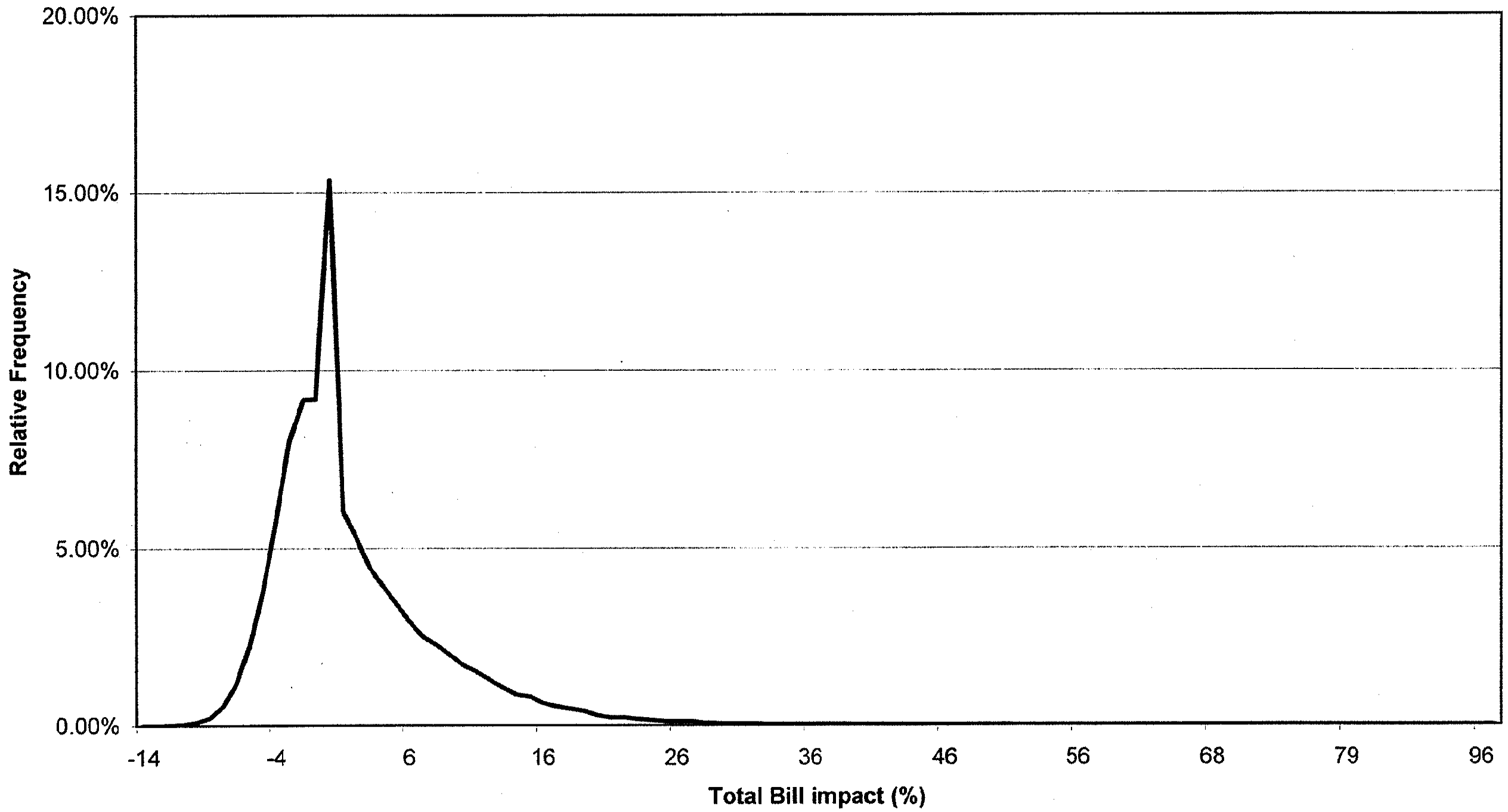
DPL Delaware
Residential Space Heating Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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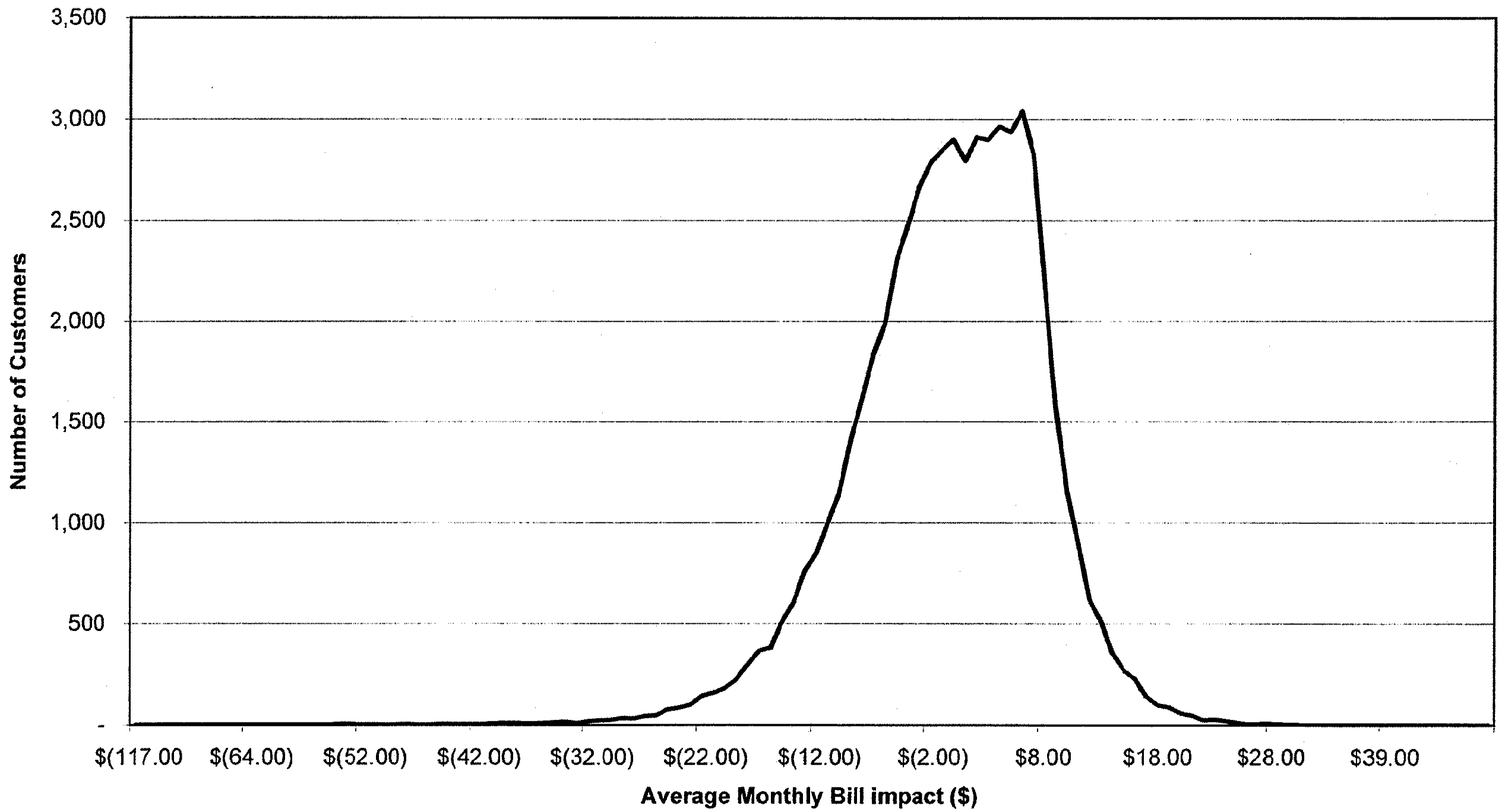
DPL Delaware
Residential Space Heating Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
Residential Space Heating Bill Impact

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers		Avg Monthly Bill Impact	Avg Summer Use Per Customer	Avg Winter Use Per Customer	Avg Annual Use Per Customer	Summer/ Winter Usage Ratio
<-10%	0.15%	87	$	(33.21)	868	3,727	2,774	0.23
-6% to -10%	4.26%	2,509	$	(18.47)	1,165	2,750	2,222	0.42
-5% to -6%	3.82%	2,252	$	(13.21)	1,284	2,400	2,028	0.53
-4% to -5%	5.78%	3,406	$	(10.48)	1,354	2,219	1,931	0.61
-3% to -4%	8.04%	4,736	$	(7.72)	1,367	2,004	1,792	0.68
-2% to -3%	9.17%	5,407	$	(5.25)	1,376	1,810	1,666	0.76
-1% to -2%	9.20%	5,419	$	(2.94)	1,331	1,600	1,510	0.83
-1% to 1%	15.36%	9,052	$	(0.14)	1,252	1,333	1,306	0.94
1% to 2%	6.04%	3,557	$	2.36	1,215	1,120	1,151	1.09
2% to 3%	5.31%	3,128	$	3.66	1,161	985	1,043	1.18
3% to 4%	4.46%	2,631	$	4.74	1,088	865	940	1.26
4% to 5%	3.91%	2,306	$	5.78	1,061	774	870	1.37
5% to 6%	3.45%	2,032	$	6.61	1,013	692	799	1.46
6% to 7%	2.93%	1,725	$	7.27	957	613	728	1.56
7% to 8%	2.50%	1,473	$	7.85	905	550	668	1.65
8% to 9%	2.27%	1,339	$	8.38	875	496	622	1.76
9% to 10%	1.99%	1,173	$	8.87	850	449	583	1.89
>10%	11.37%	6,700	$	9.81	663	269	401	2.46

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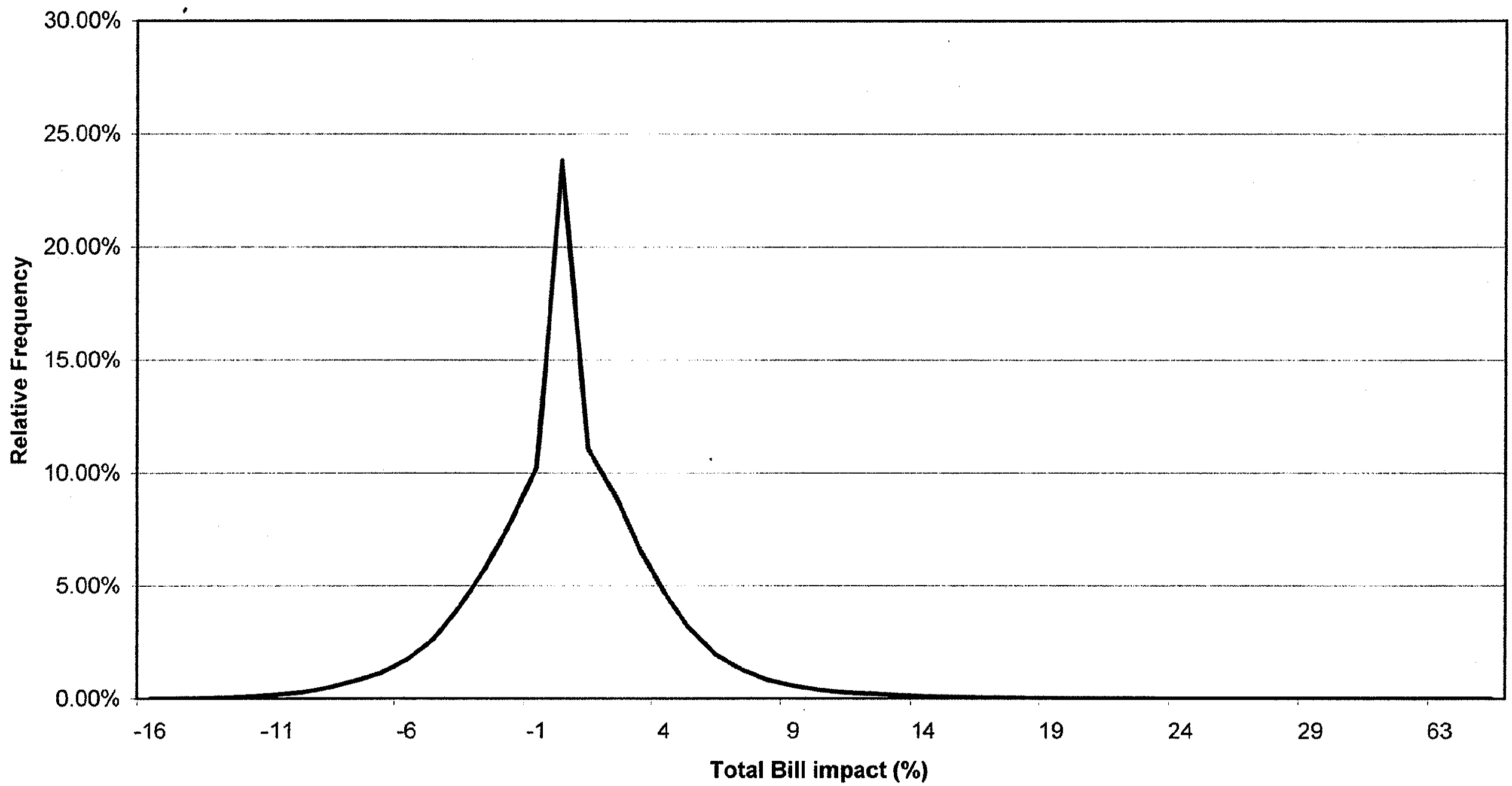
DPL Delaware
Residential Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution



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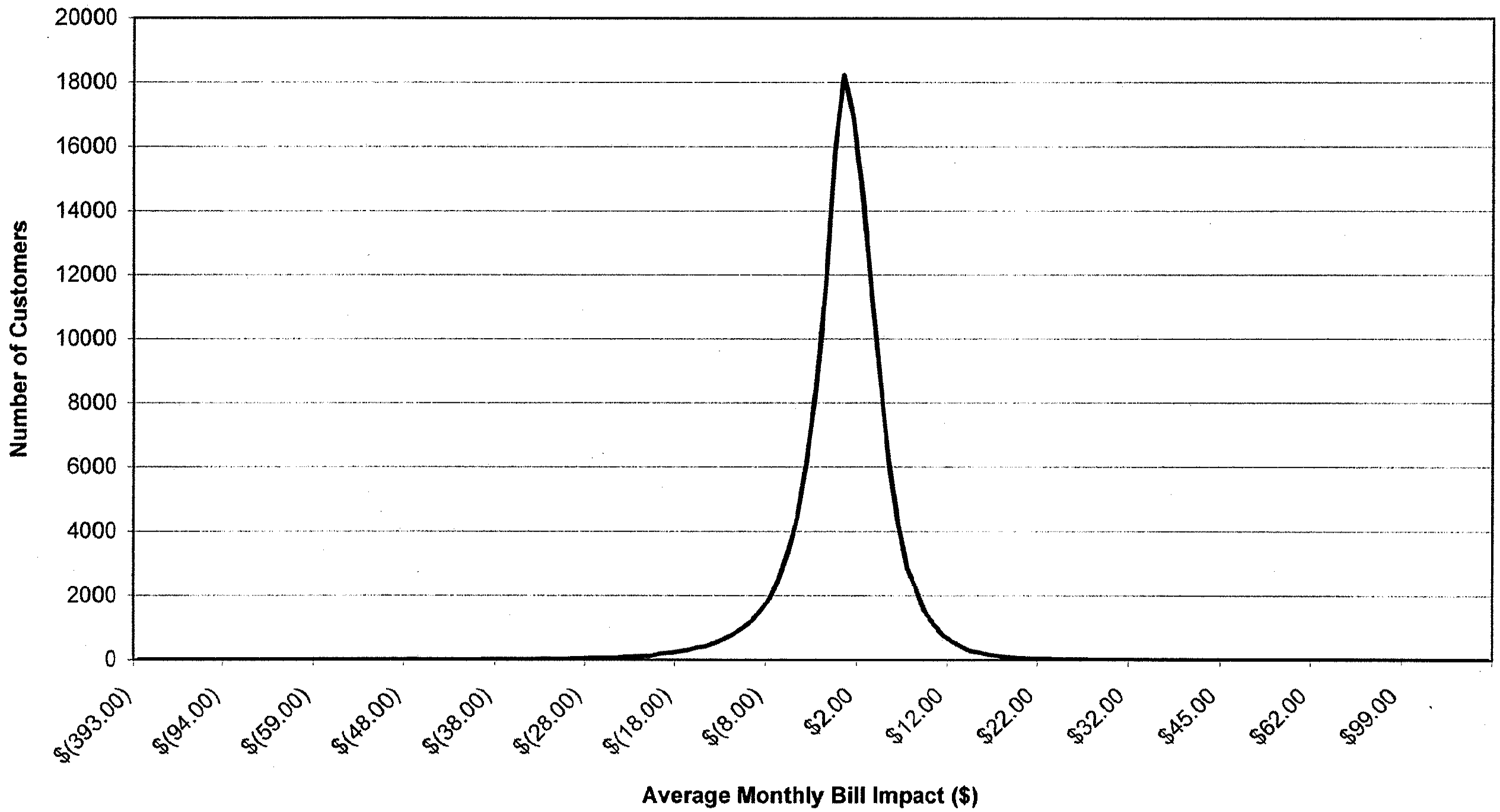
DPL Delaware Residential Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution



Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
Residential Bill Impact

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers		Avg Monthly Bill Impact	Avg Summer Use Per Customer	Avg Winter Use Per Customer	Avg Annual Use Per Customer	Summer/ Winter Usage Ratio
<-10%	0.65%	999	$	(17.67)	491	1,293	1,026	0.38
-6% to -10%	4.15%	6,404	$	(11.26)	709	1,178	1,022	0.60
-5% to -6%	2.58%	3,977	$	(7.85)	824	1,045	972	0.79
-4% to -5%	4.04%	6,230	$	(6.19)	861	971	935	0.89
-3% to -4%	5.72%	8,827	$	(4.73)	912	921	918	0.99
-2% to -3%	7.83%	12,079	$	(3.44)	990	903	932	1.10
-1% to -2%	10.24%	15,799	$	(2.06)	1,059	873	935	1.21
-1% to 1%	23.85%	36,801	$	0.01	1,136	809	918	1.41
1% to 2%	11.08%	17,093	$	1.97	1,191	735	887	1.62
2% to 3%	9.17%	14,145	$	3.17	1,198	676	850	1.77
3% to 4%	6.77%	10,451	$	4.32	1,221	631	828	1.93
4% to 5%	4.72%	7,276	$	5.28	1,202	572	782	2.10
5% to 6%	3.09%	4,774	$	6.16	1,187	520	742	2.28
6% to 7%	1.96%	3,024	$	6.93	1,167	474	705	2.46
7% to 8%	1.29%	1,988	$	7.58	1,139	425	663	2.68
8% to 9%	0.83%	1,274	$	7.95	1,083	374	610	2.90
9% to 10%	0.57%	881	$	8.91	1,116	360	612	3.10
>10%	1.48%	2,285	$	10.63	1,049	267	528	3.93

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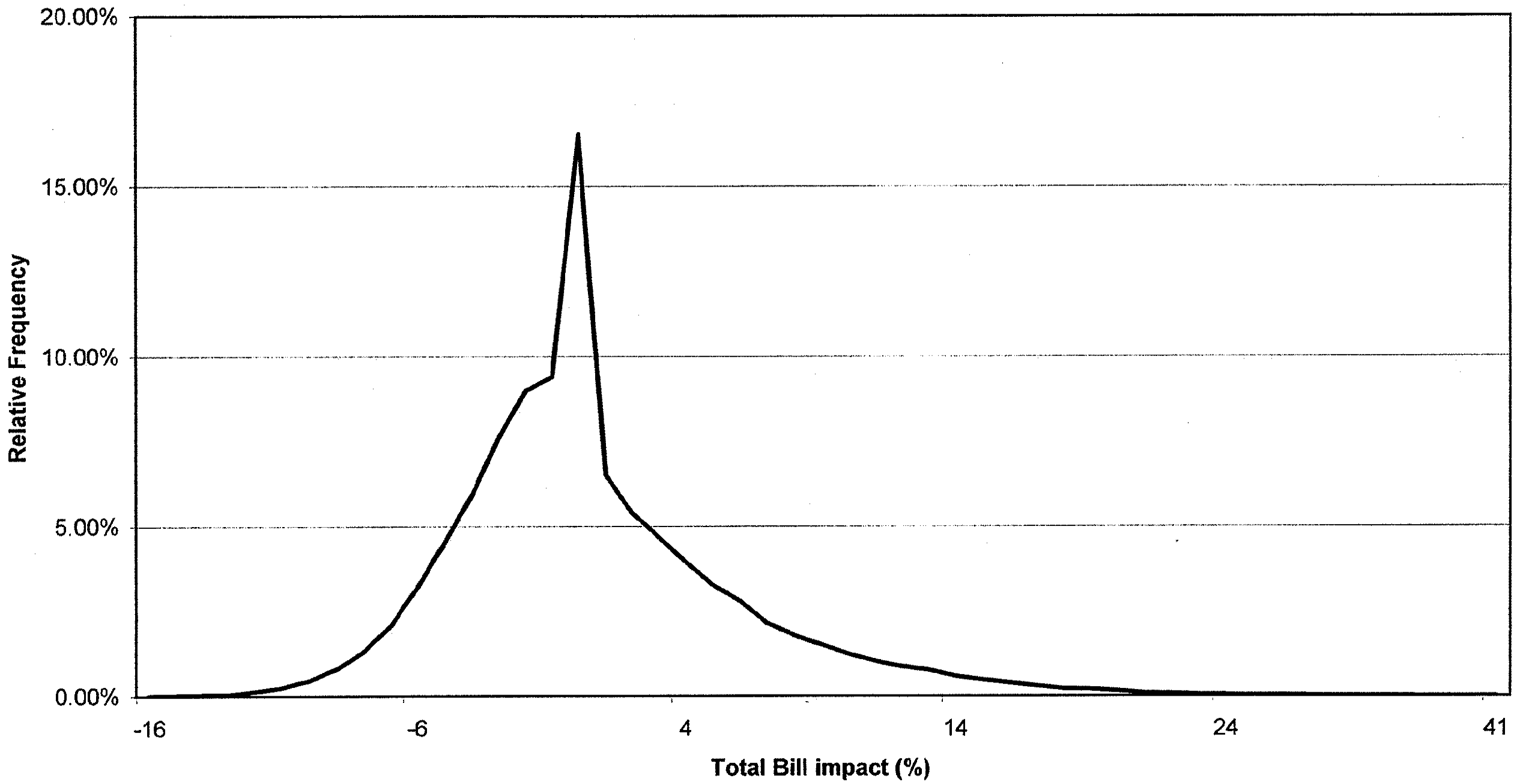
DPL Delaware
Residential Space Heating Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution



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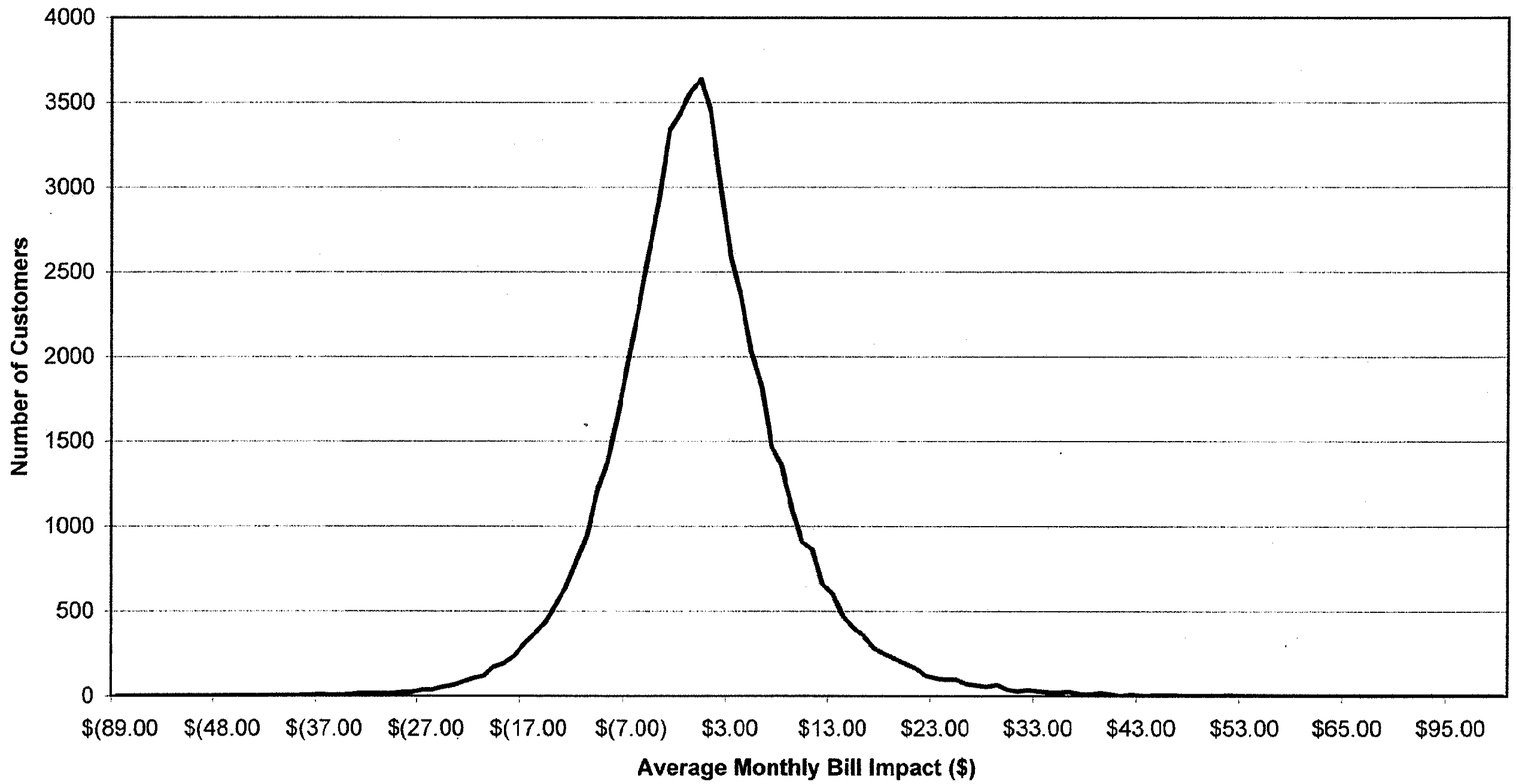
DPL Delaware
Residential Space Heating Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution



Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
Residential Space Heating Bill Impact

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers		Avg Monthly Bill Impact	Avg Summer Use Per Customer	Avg Winter Use Per Customer	Avg Annual Use Per Customer	Summer/ Winter Usage Ratio
<-10%	0.96%	567	$	(18.63)	391	1,871	1,377	0.21
-6% to -10%	7.38%	4,350	$	(12.93)	695	1,796	1,429	0.39
-5% to -6%	4.54%	2,676	$	(9.94)	873	1,757	1,462	0.50
-4% to -5%	5.91%	3,482	$	(7.99)	929	1,660	1,416	0.56
-3% to -4%	7.61%	4,487	$	(6.33)	1,034	1,638	1,437	0.63
-2% to -3%	8.99%	5,297	$	(4.55)	1,113	1,587	1,429	0.70
-1% to -2%	9.40%	5,541	$	(2.75)	1,189	1,522	1,411	0.78
-1% to 1%	16.53%	9,742	$	(0.10)	1,270	1,409	1,363	0.90
1% to 2%	6.50%	3,833	$	2.48	1,291	1,231	1,251	1.05
2% to 3%	5.38%	3,171	$	4.01	1,298	1,129	1,185	1.15
3% to 4%	4.69%	2,764	$	5.39	1,297	1,027	1,117	1.26
4% to 5%	3.95%	2,329	$	6.74	1,308	944	1,066	1.39
5% to 6%	3.28%	1,931	$	8.02	1,319	875	1,023	1.51
6% to 7%	2.79%	1,646	$	9.06	1,298	794	962	1.63
7% to 8%	2.16%	1,271	$	10.06	1,286	734	918	1.75
8% to 9%	1.79%	1,053	$	11.18	1,309	687	894	1.91
9% to 10%	1.52%	896	$	11.91	1,281	619	839	2.07
>10%	6.61%	3,896	$	15.83	1,289	456	734	2.83

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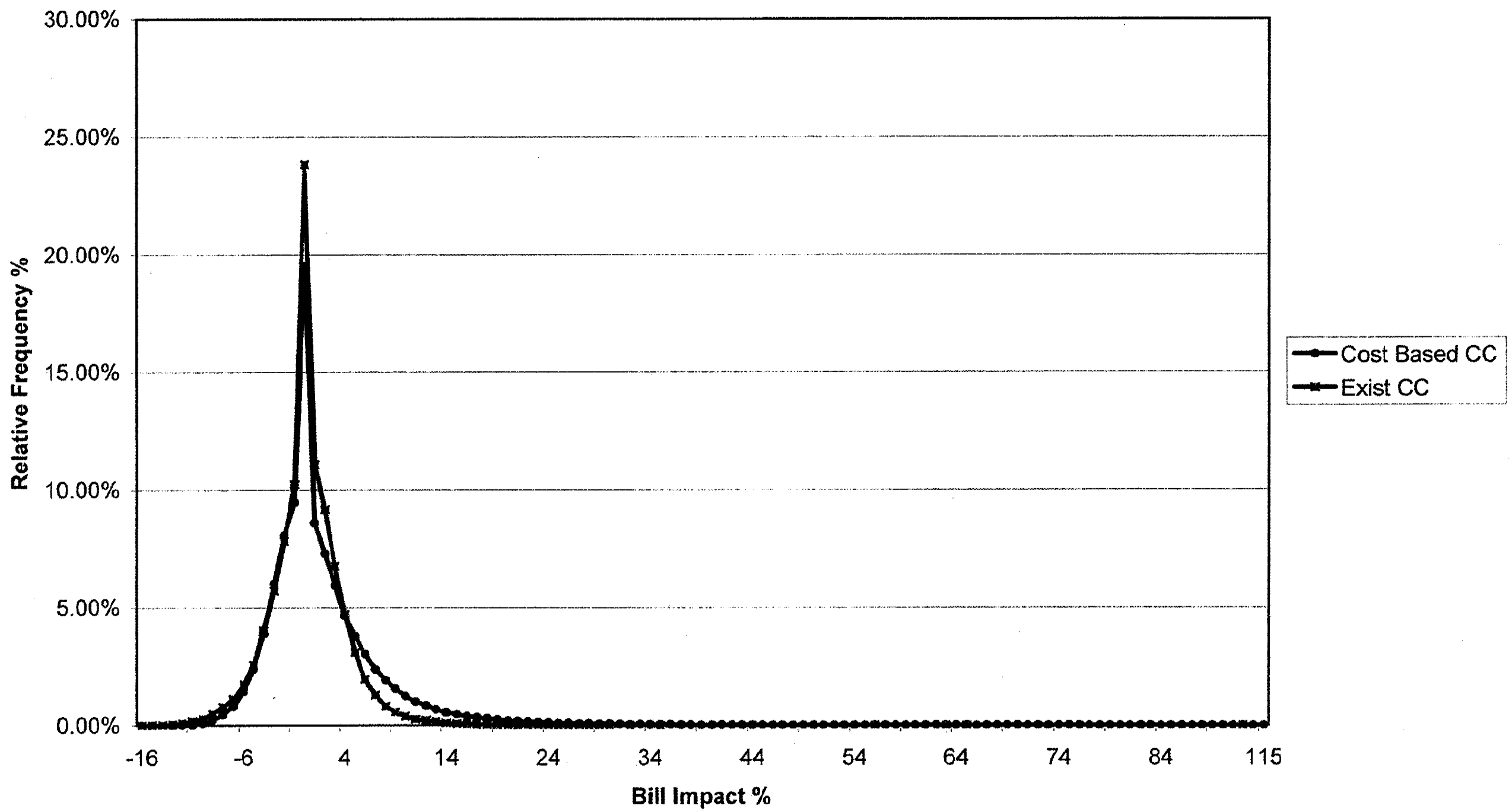
DPL Delaware
Residential Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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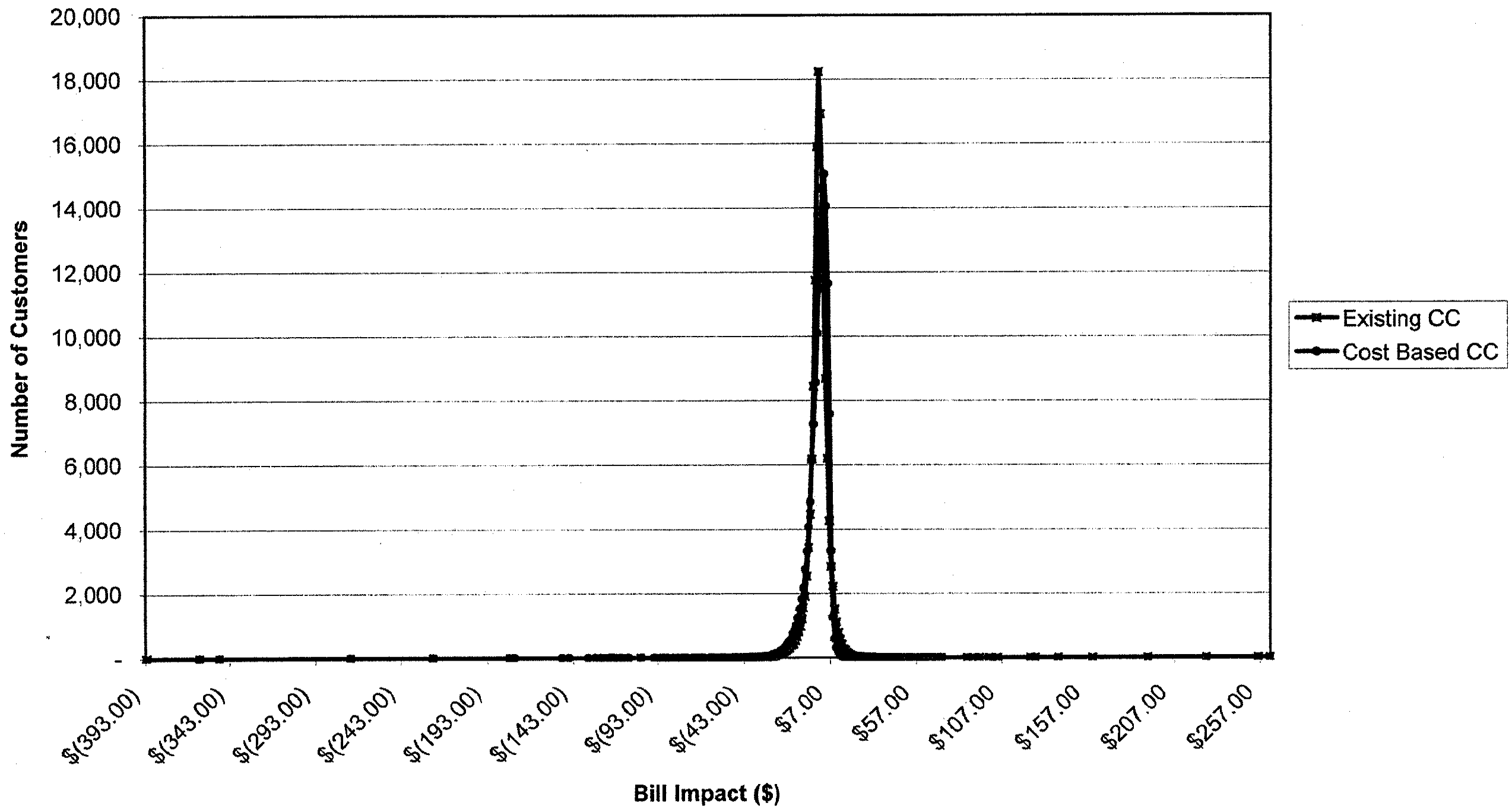
DPL Delaware
Residential Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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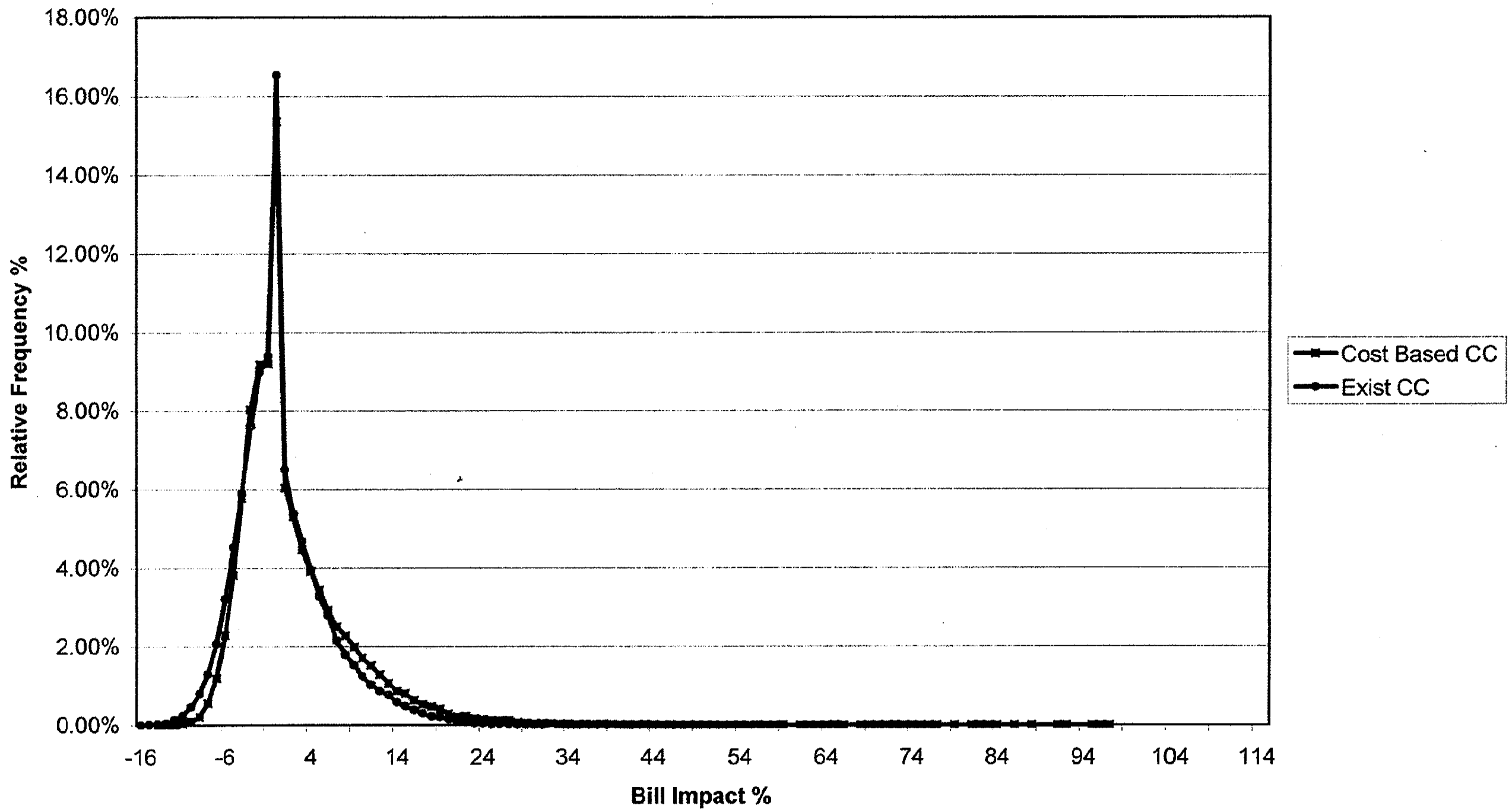
DPL Delaware
Residential Space Heating Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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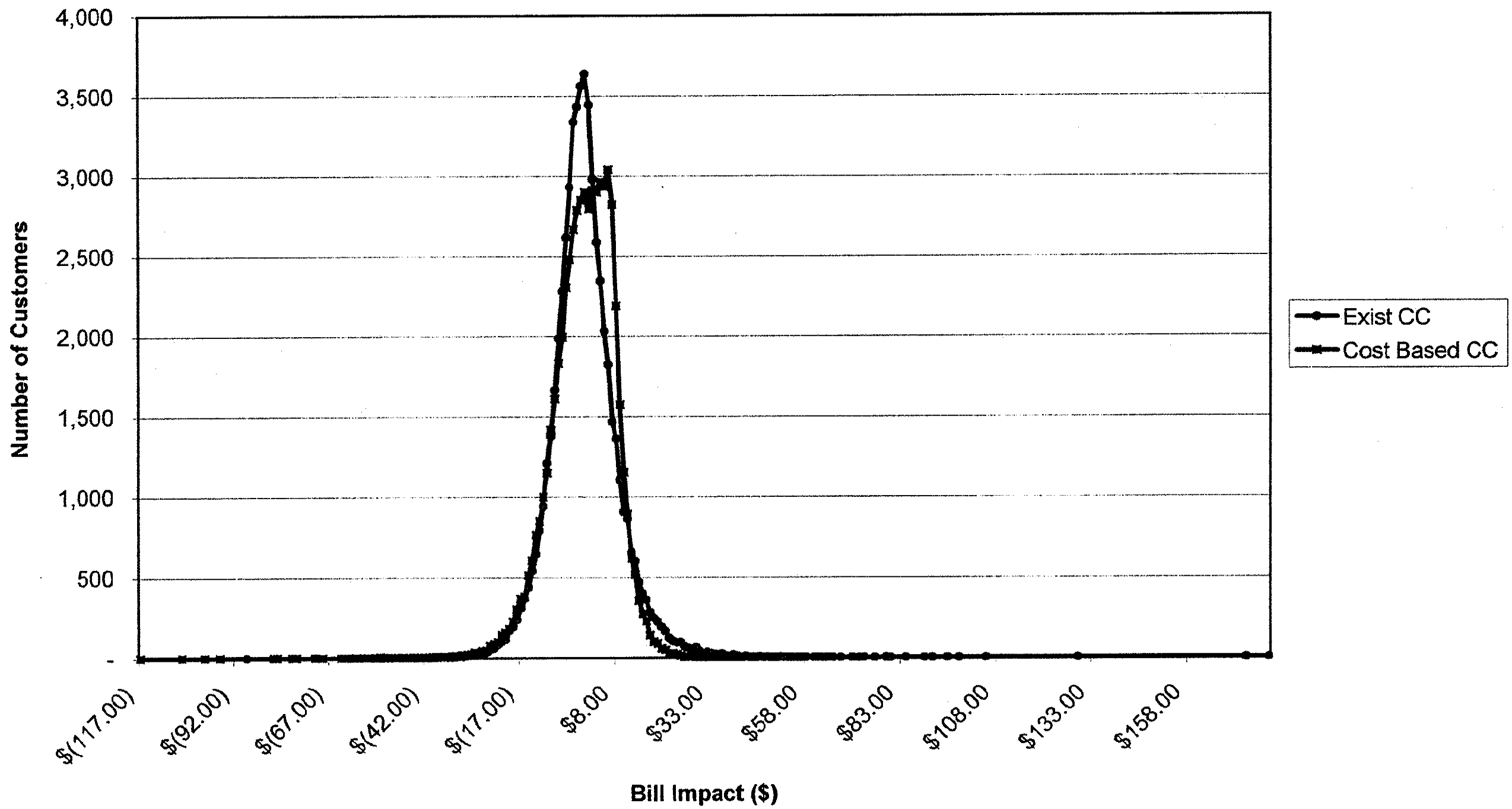
DPL Delaware
Residential Space Heating Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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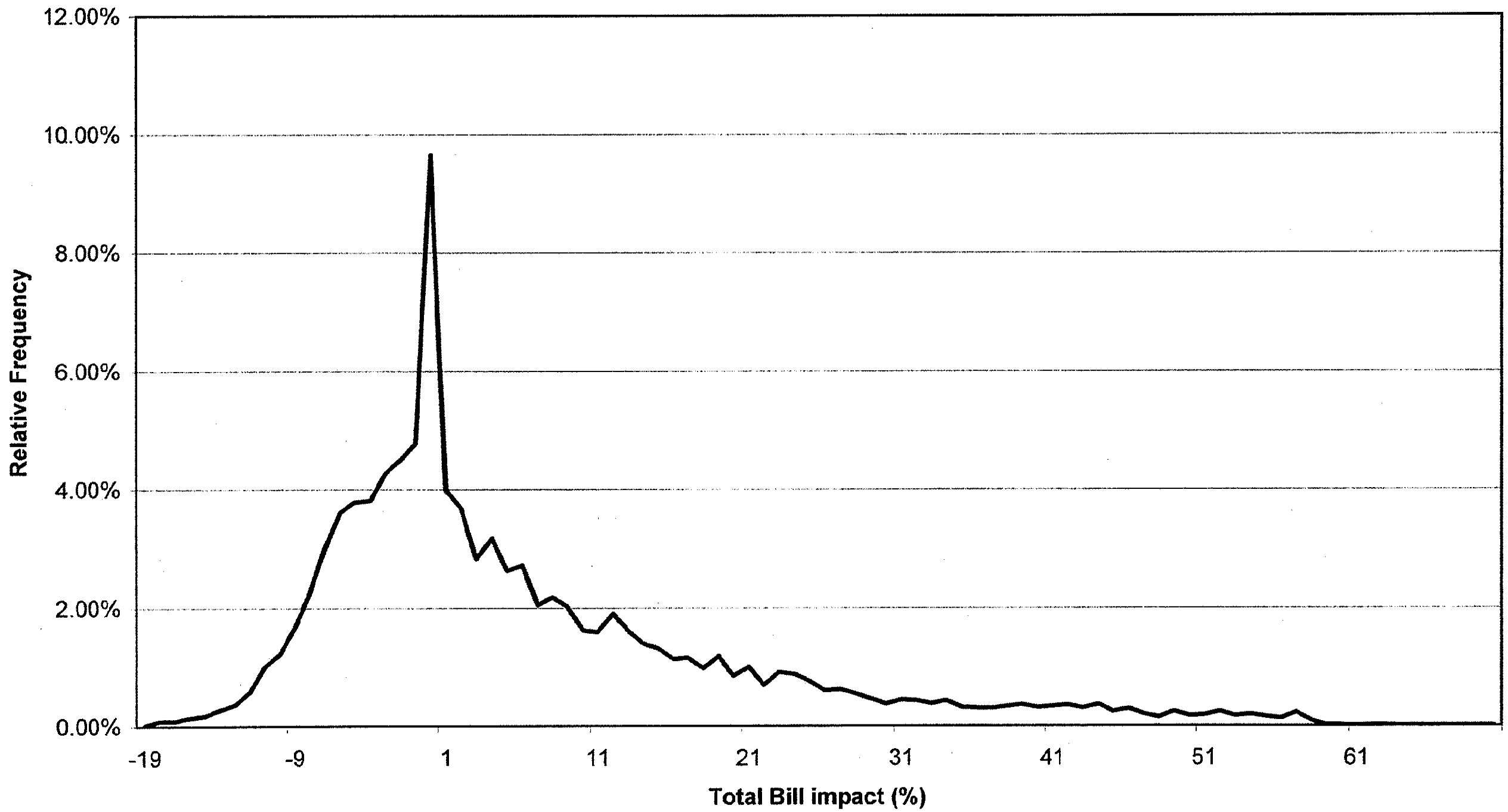
DPL Delaware
SGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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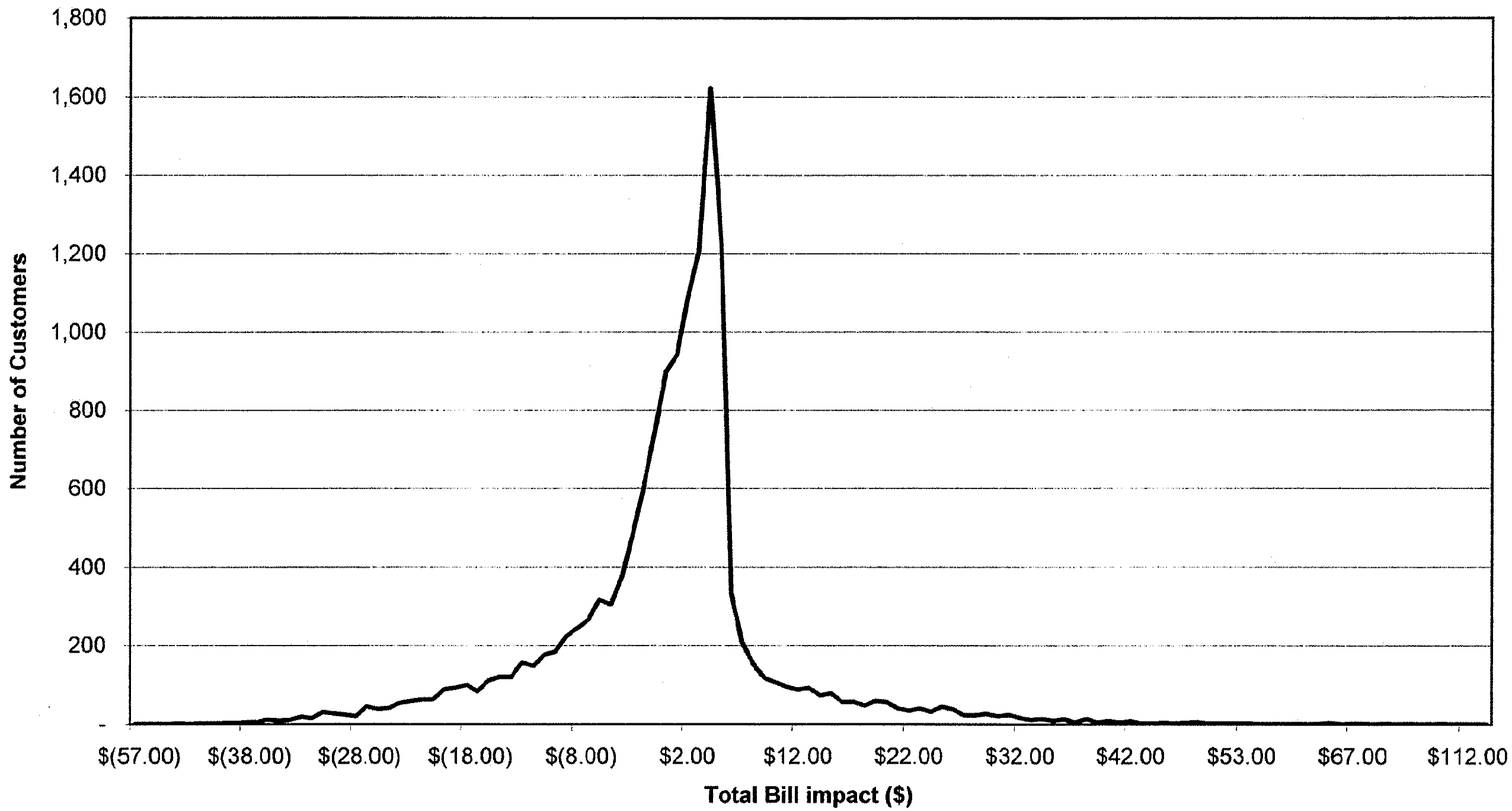
DPL Delaware
SGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
SGS Bill Impact

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers		Avg Monthly Bill Impact
<-10%	3.98%	583	$	(20.46)
-6% to -10%	10.53%	1,544	$	(13.77)
-5% to -6%	3.79%	555	$	(9.40)
-4% to -5%	3.81%	559	$	(6.99)
-3% to -4%	4.27%	626	$	(4.85)
-2% to -3%	4.50%	659	$	(3.18)
-1% to -2%	4.78%	701	$	(1.72)
-1% to 1%	9.65%	1,415	$	(0.02)
1% to 2%	3.99%	585	$	1.59
2% to 3%	3.68%	539	$	2.39
3% to 4%	2.83%	415	$	3.38
4% to 5%	3.18%	466	$	4.13
5% to 6%	2.63%	385	$	5.30
6% to 7%	2.72%	399	$	5.39
7% to 8%	2.05%	300	$	6.86
8% to 9%	2.18%	320	$	7.58
9% to 10%	2.03%	297	$	8.61
>10%	29.39%	4,308	$	8.48

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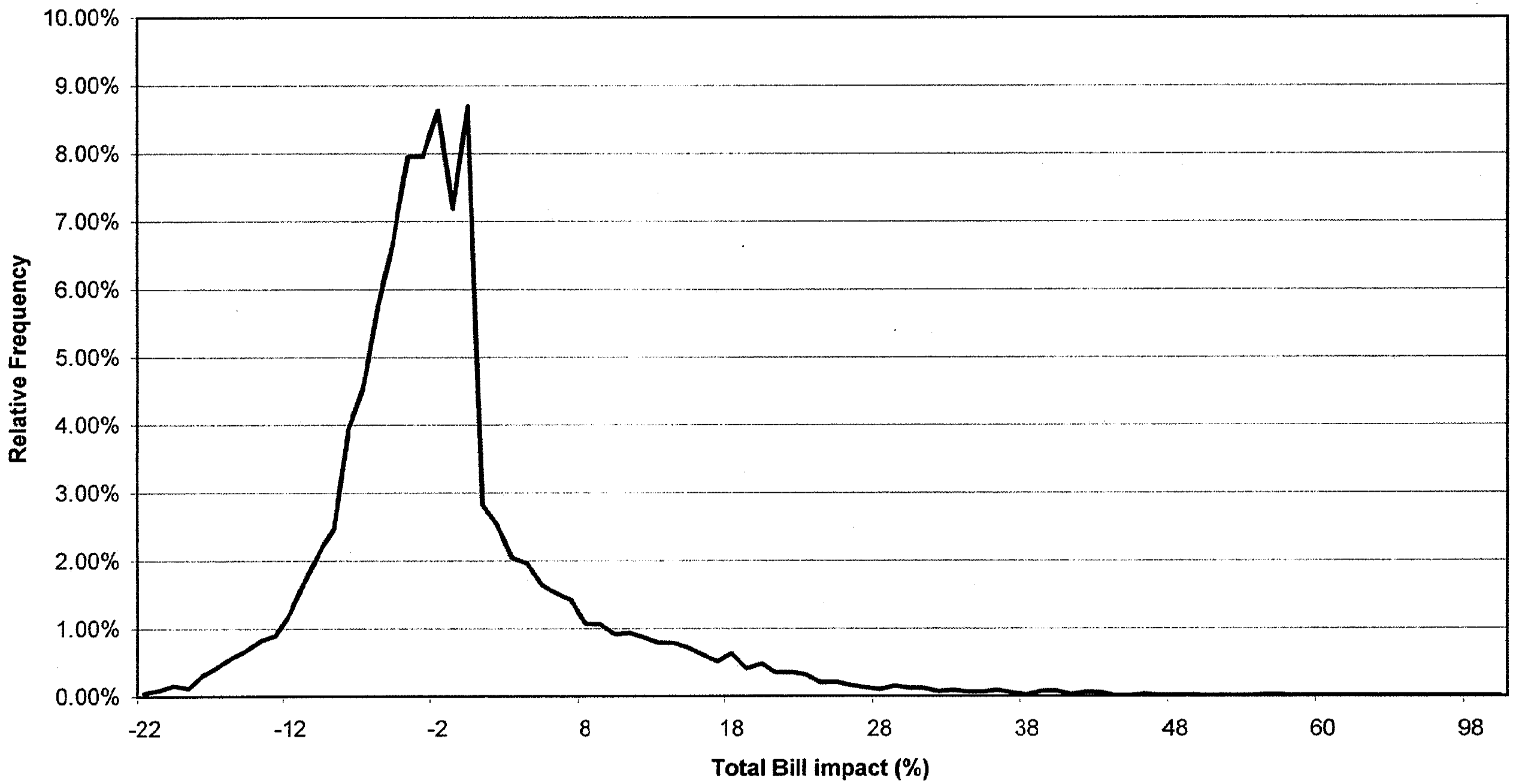
DPL Delaware
SGS Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution



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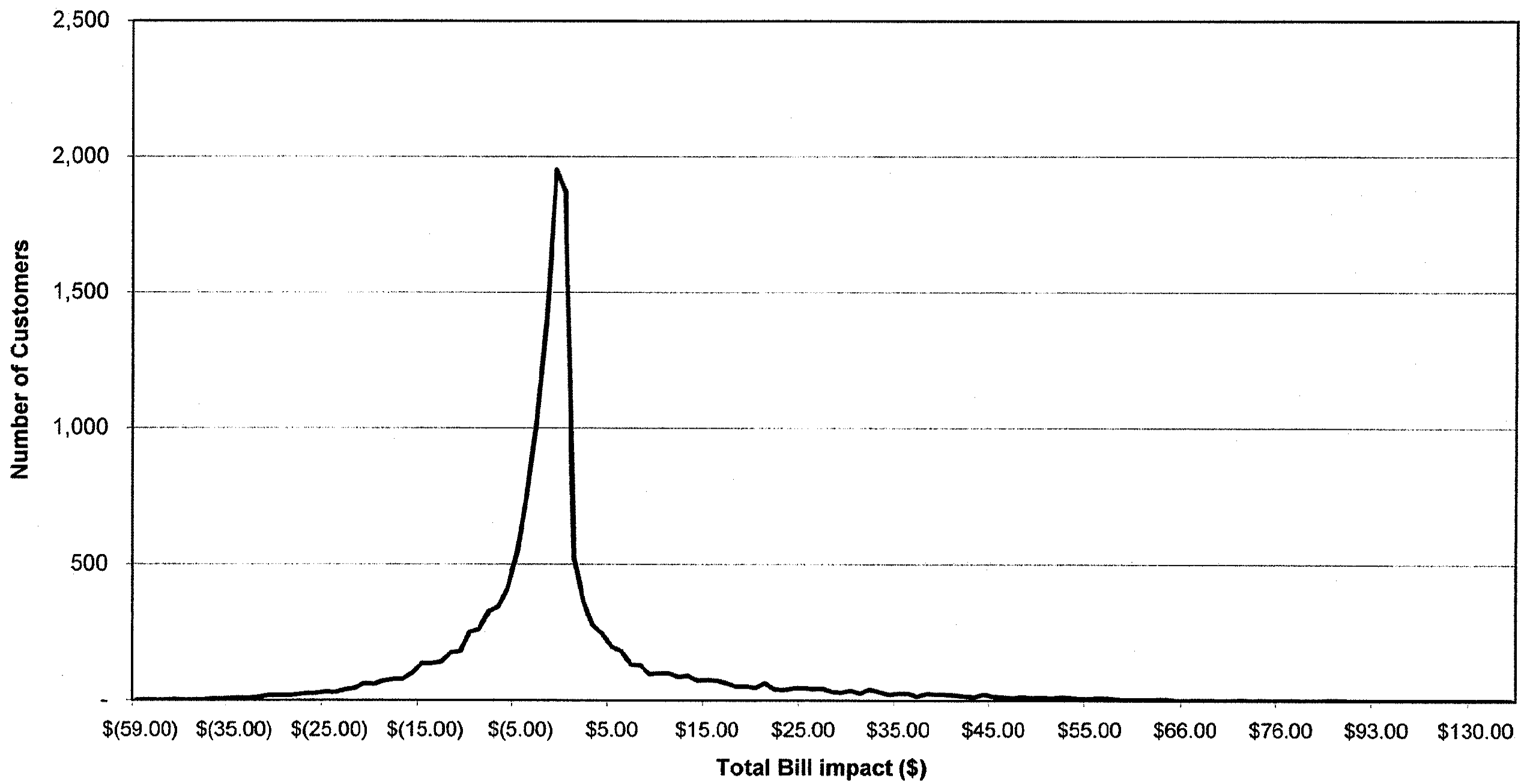
DPL Delaware
SGS Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution

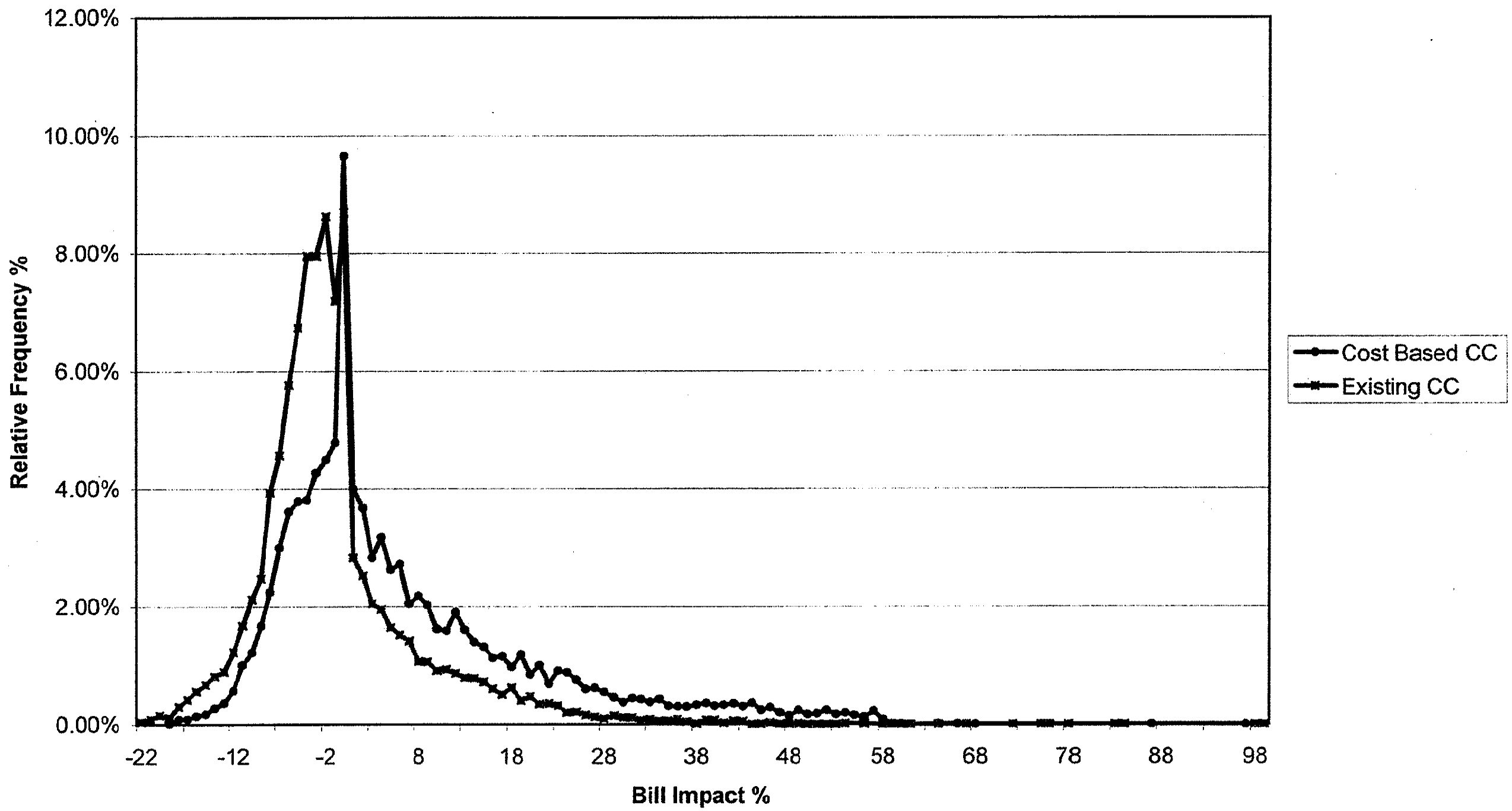


Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
SGS Bill Impact
Exisitng Customer Charge

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers		Avg Monthly Bill Impact
<-10%	9.12%	805	$	(21.38)
-6% to -10%	16.74%	2,332	$	(8.02)
-5% to -6%	6.73%	987	$	(5.22)
-4% to -5%	7.96%	1,166	$	(3.84)
-3% to -4%	7.96%	1,166	$	(3.06)
-2% to -3%	8.63%	1,265	$	(2.06)
-1% to -2%	7.19%	1,054	$	(1.27)
-1% to 1%	8.70%	1,275	$	(0.06)
1% to 2%	2.83%	415	$	1.68
2% to 3%	2.52%	370	$	3.15
3% to 4%	2.05%	300	$	4.30
4% to 5%	1.96%	287	$	6.07
5% to 6%	1.64%	241	$	7.22
6% to 7%	1.52%	223	$	9.14
7% to 8%	1.42%	208	$	9.70
8% to 9%	1.07%	157	$	11.35
9% to 10%	1.06%	156	$	13.58
>10%	10.88%	2,632	$	16.02

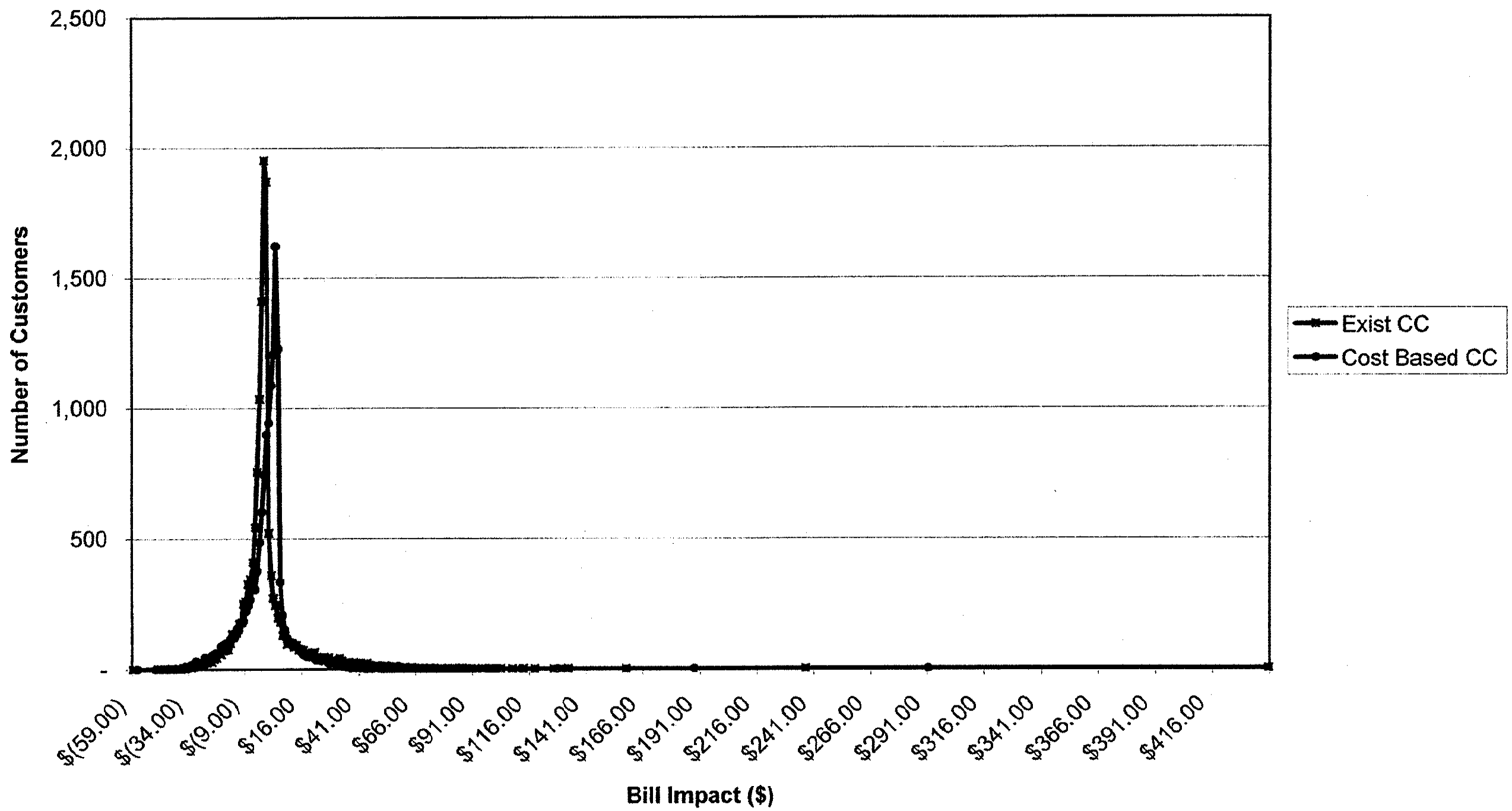
delmarva power
A PHI Company

DPL Delaware
SGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



delmarva power
A PHI Company

DPL Delaware
SGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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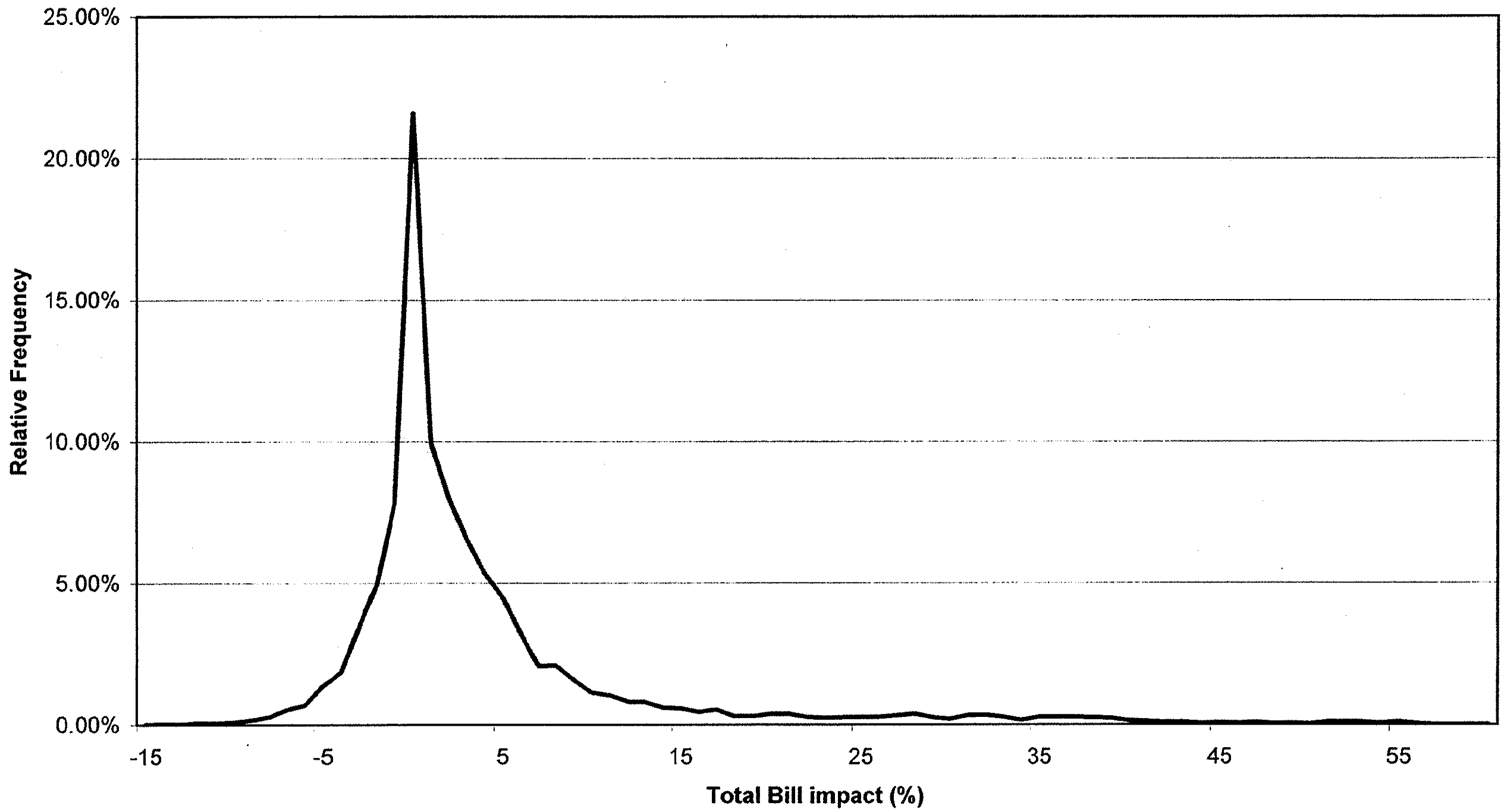
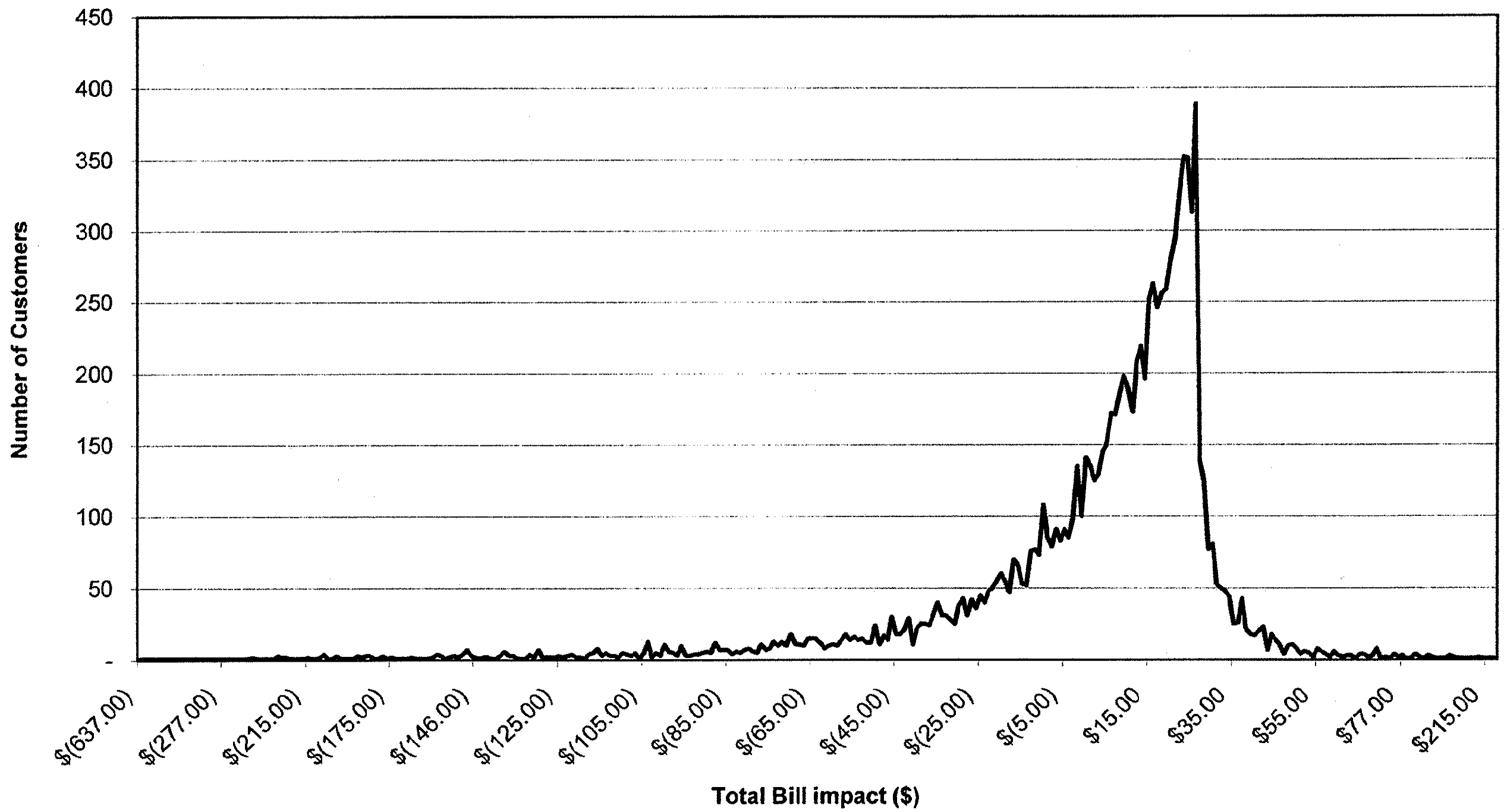
A PHI Company

DPL Delaware
MGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



delmarva power
A PHI Company

DPL Delaware
MGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution

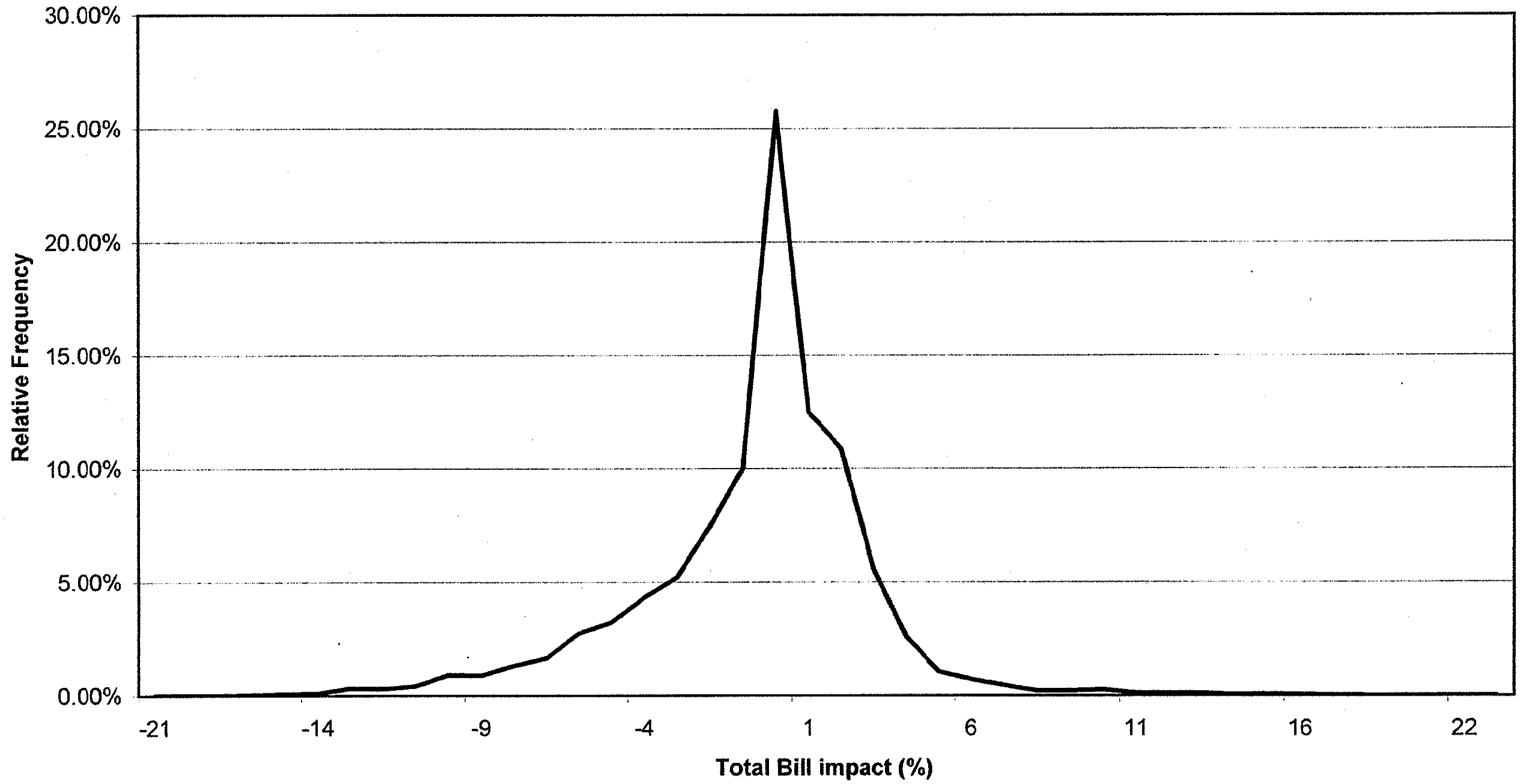


Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
MGS Bill Impact

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers		Avg Monthly Bill Impact
<-10%	0.31%	32	$	(183.98)
-6% to -10%	1.68%	174	$	(96.88)
-5% to -6%	1.38%	143	$	(70.72)
-4% to -5%	1.86%	193	$	(60.42)
-3% to -4%	3.44%	356	$	(49.56)
-2% to -3%	4.97%	515	$	(47.43)
-1% to -2%	7.85%	814	$	(31.63)
-1% to 1%	21.60%	2,238	$	(1.05)
1% to 2%	9.95%	1,031	$	14.18
2% to 3%	8.01%	830	$	18.35
3% to 4%	6.54%	678	$	19.80
4% to 5%	5.36%	555	$	21.91
5% to 6%	4.50%	466	$	22.21
6% to 7%	3.21%	333	$	24.49
7% to 8%	2.07%	215	$	23.80
8% to 9%	2.09%	217	$	25.61
9% to 10%	1.58%	164	$	25.38
>10%	13.60%	1,409	$	26.53

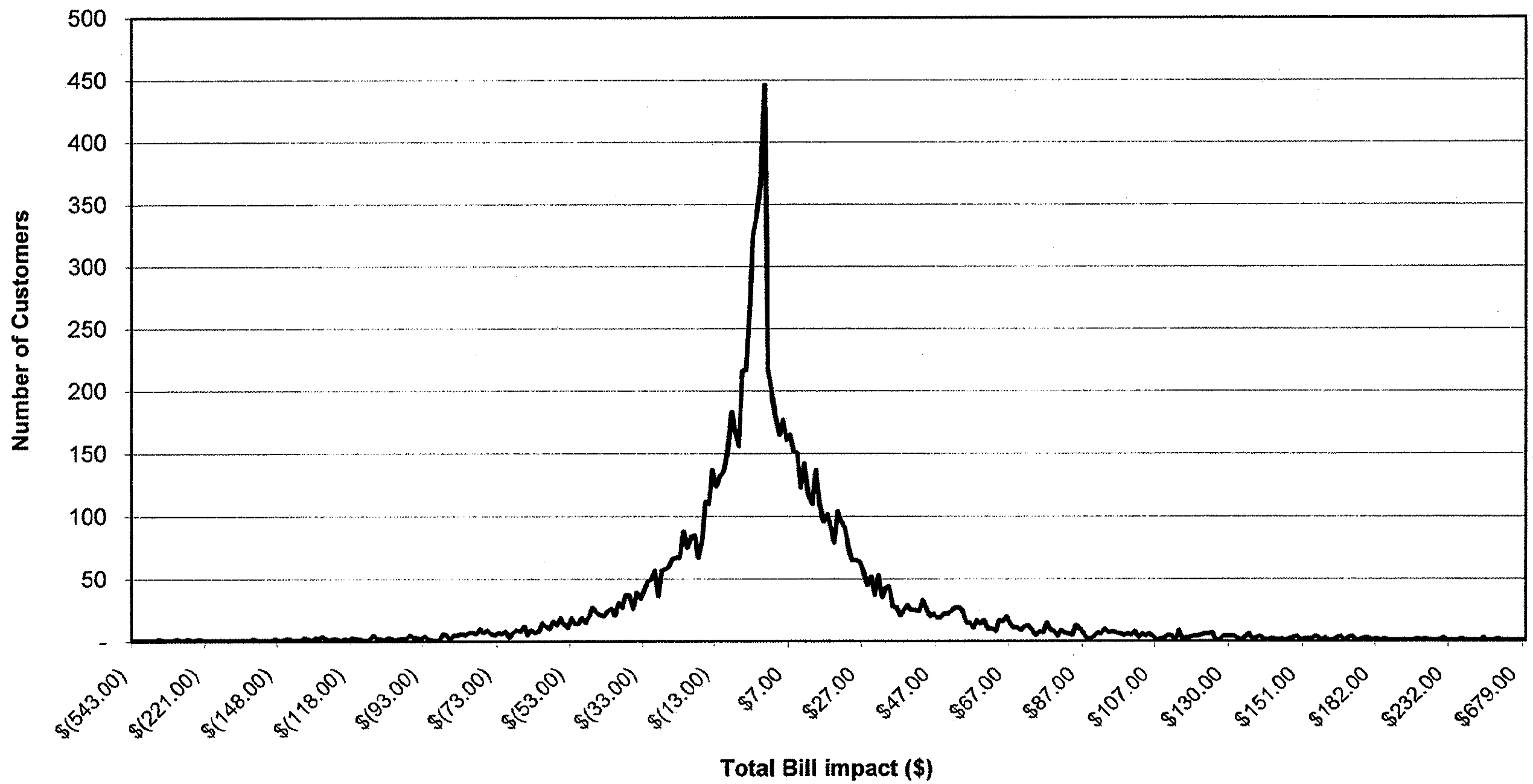
delmarva power
A PHI Company

DPL Delaware
MGS Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution



delmarva power
A PHI Company

DPL Delaware
MGS Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution



Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
MGS Bill Impact
Exisitng Customer Charge

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers		Avg Monthly Bill Impact
<-10%	2.26%	234	$	(59.05)
-6% to -10%	6.60%	684	$	(37.47)
-5% to -6%	3.23%	335	$	(34.61)
-4% to -5%	4.32%	448	$	(30.78)
-3% to -4%	5.20%	539	$	(21.72)
-2% to -3%	7.46%	773	$	(17.88)
-1% to -2%	10.01%	1,037	$	(11.98)
-1% to 1%	25.78%	2,672	$	1.04
1% to 2%	12.50%	1,295	$	22.71
2% to 3%	10.87%	1,126	$	37.04
3% to 4%	5.55%	575	$	43.55
4% to 5%	2.59%	268	$	47.43
5% to 6%	1.06%	110	$	51.45
6% to 7%	0.72%	75	$	49.83
7% to 8%	0.46%	48	$	51.48
8% to 9%	0.22%	23	$	71.58
9% to 10%	0.22%	23	$	46.31
>10%	0.95%	98	$	71.56

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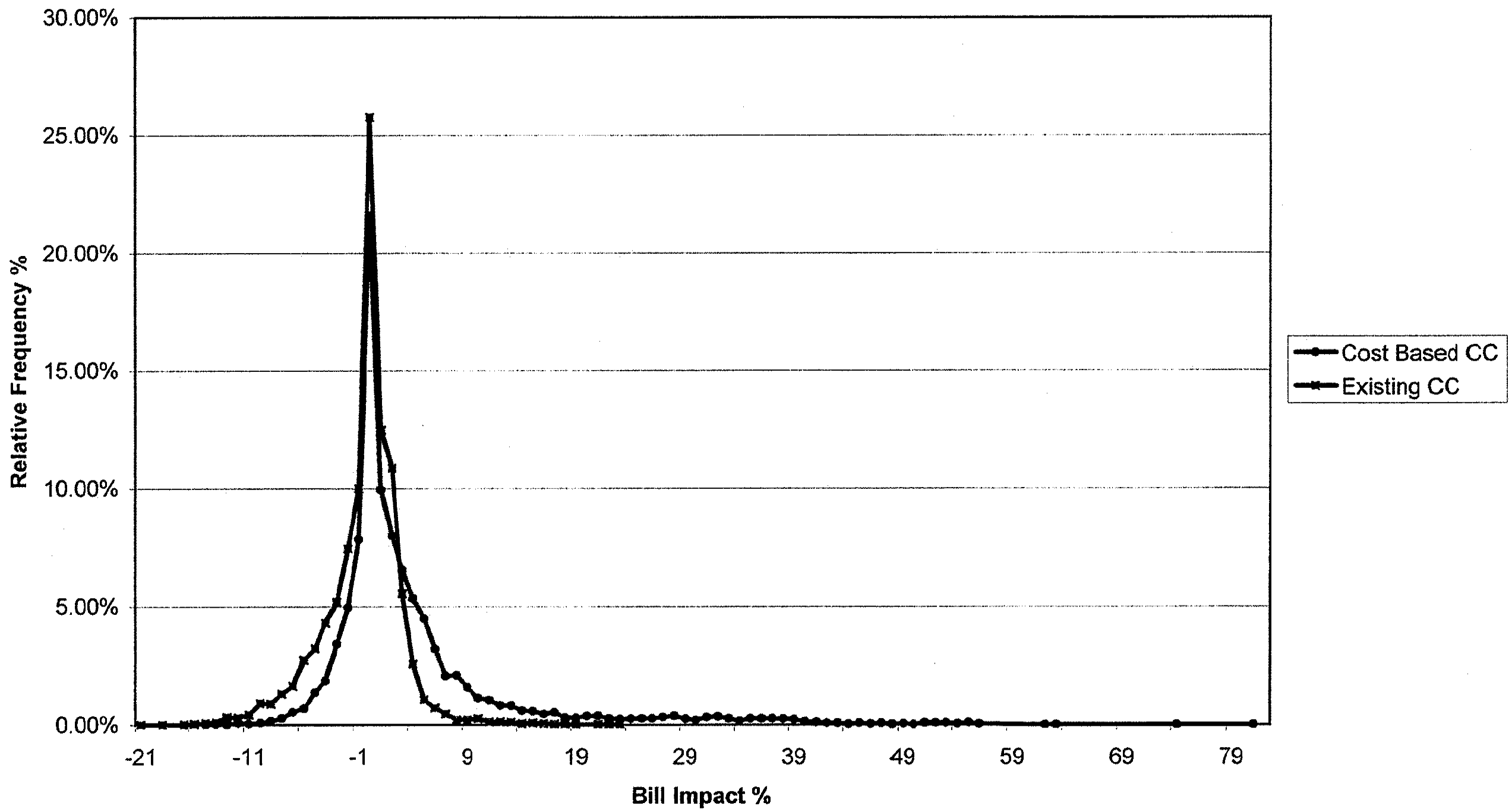
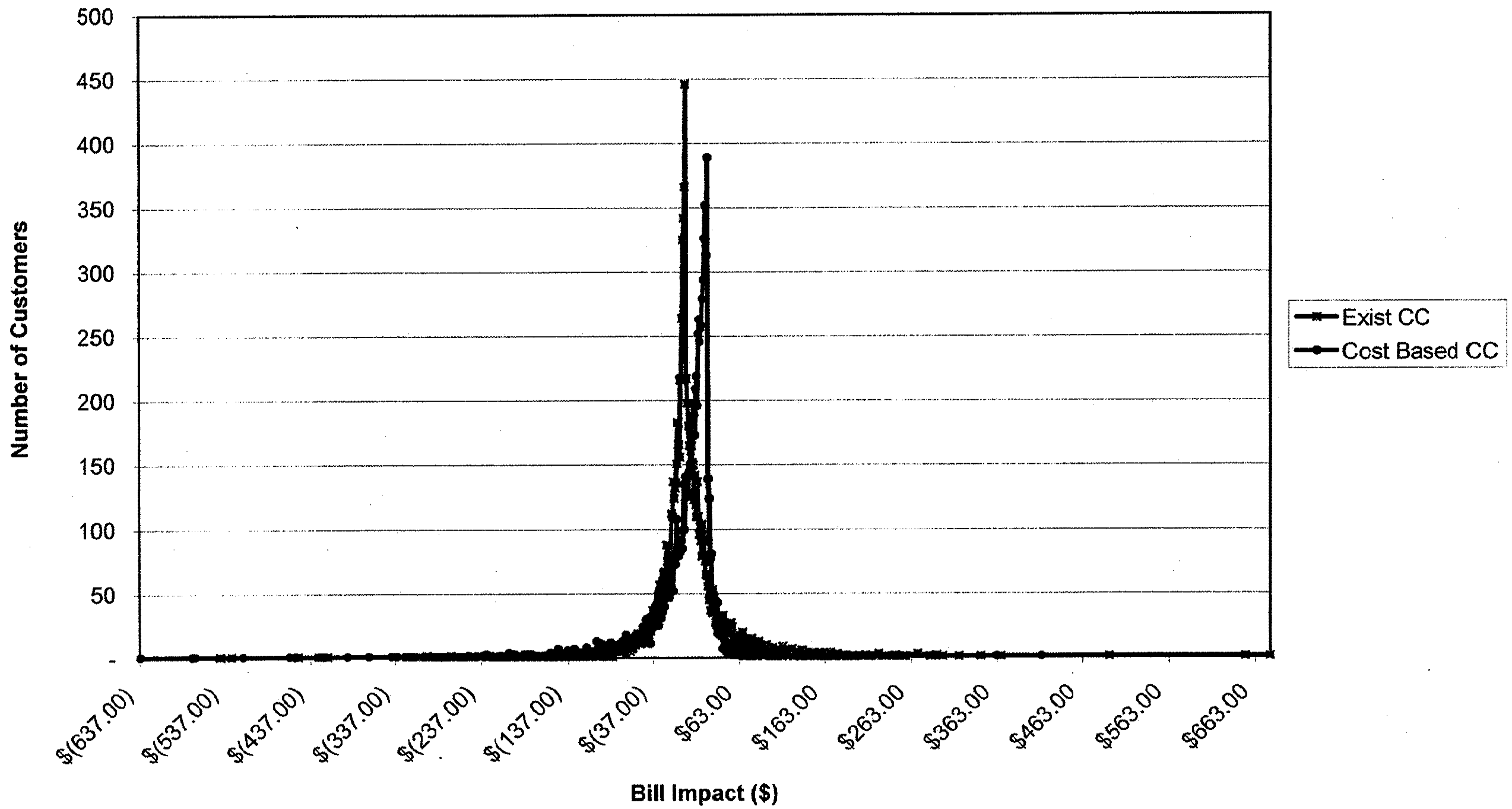
A PHI Company

DPL Delaware
MGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



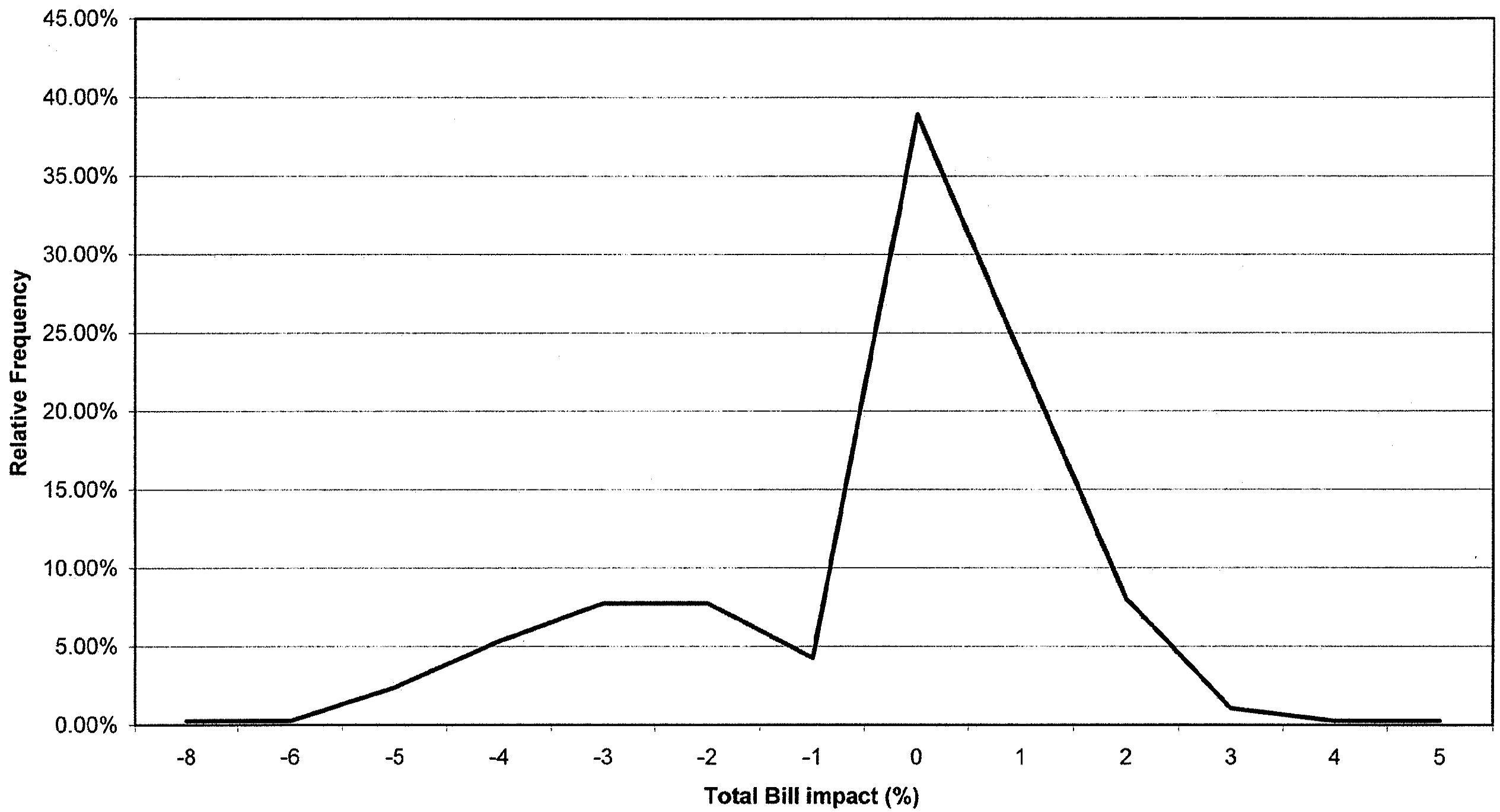
delmarva power
A PHI Company

DPL Delaware
MGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



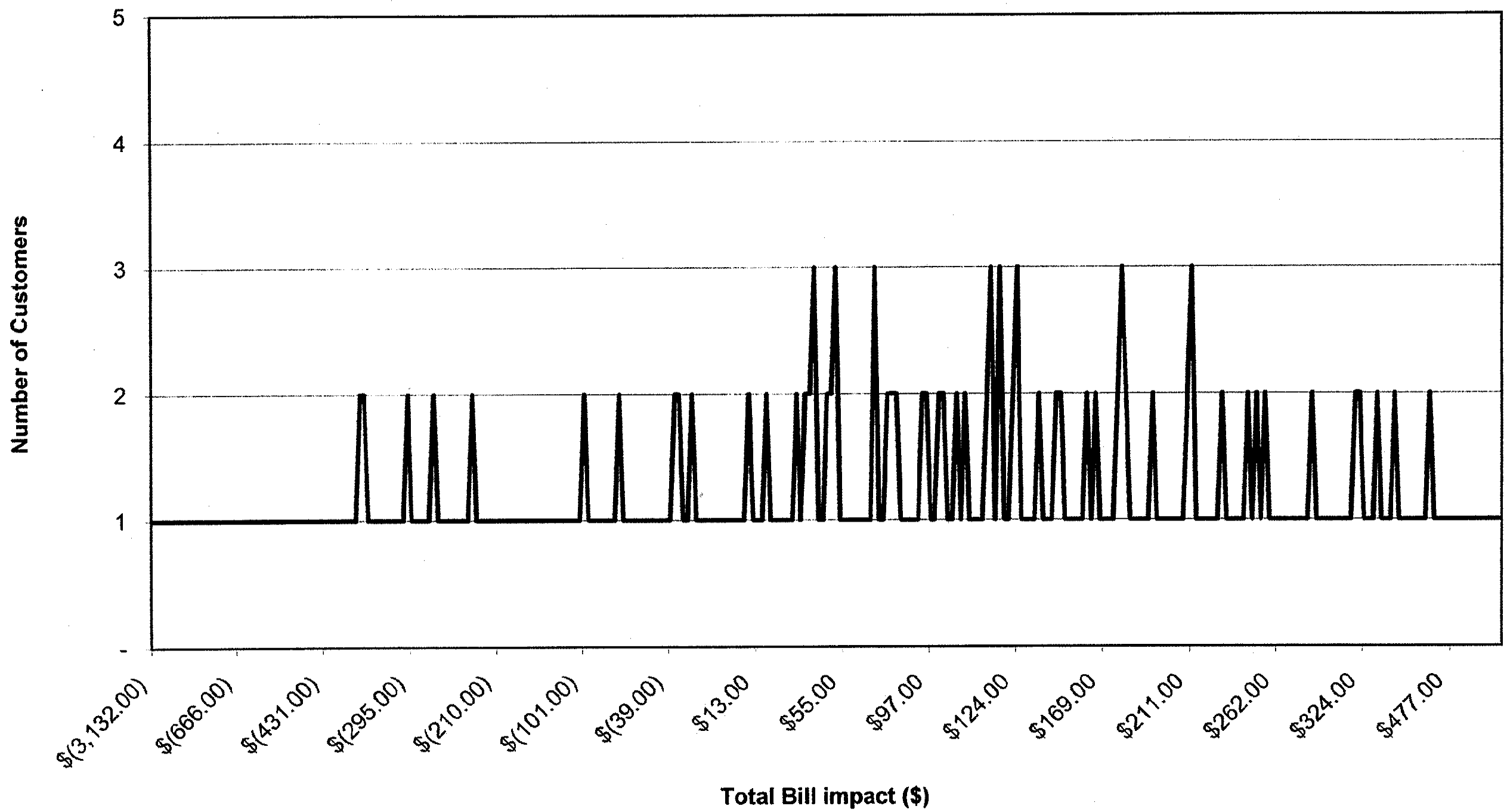
delmarva power
A PHI Company

DPL Delaware
LGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



delmarva power
A PHI Company

DPL Delaware
LGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution

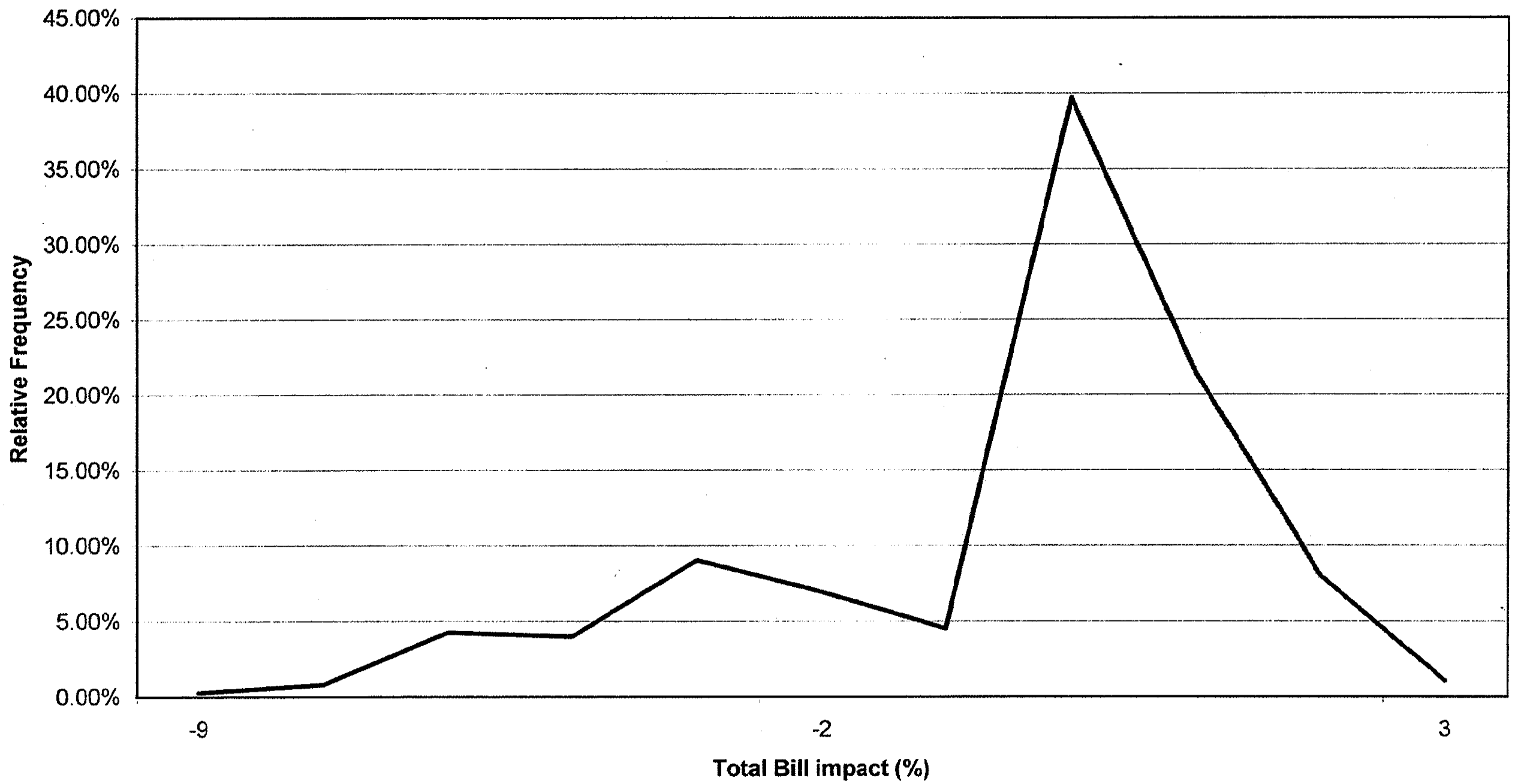


Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
LGS Bill Impact

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers	Avg Monthly Bill Impact
-8% to -9%	0.27%	1	$ (626.35)
-7% to -8%	0.27%	1	$ (479.98)
-6% to -7%	2.40%	9	$ (525.74)
-5% to -6%	5.33%	20	$ (525.70)
-4% to -5%	7.73%	29	$ (618.82)
-3% to -4%	7.73%	29	$ (393.87)
-2% to -3%	4.27%	16	$ (143.02)
-1% to -2%	38.93%	146	$ 65.70
-1% to 1%	23.47%	88	$ 256.78
1% to 2%	8.00%	30	$ 280.33
2% to 3%	1.07%	4	$ 287.55
3% to 4%	0.27%	1	$ 79.02
4% to 5%	0.27%	1	$ 32.96

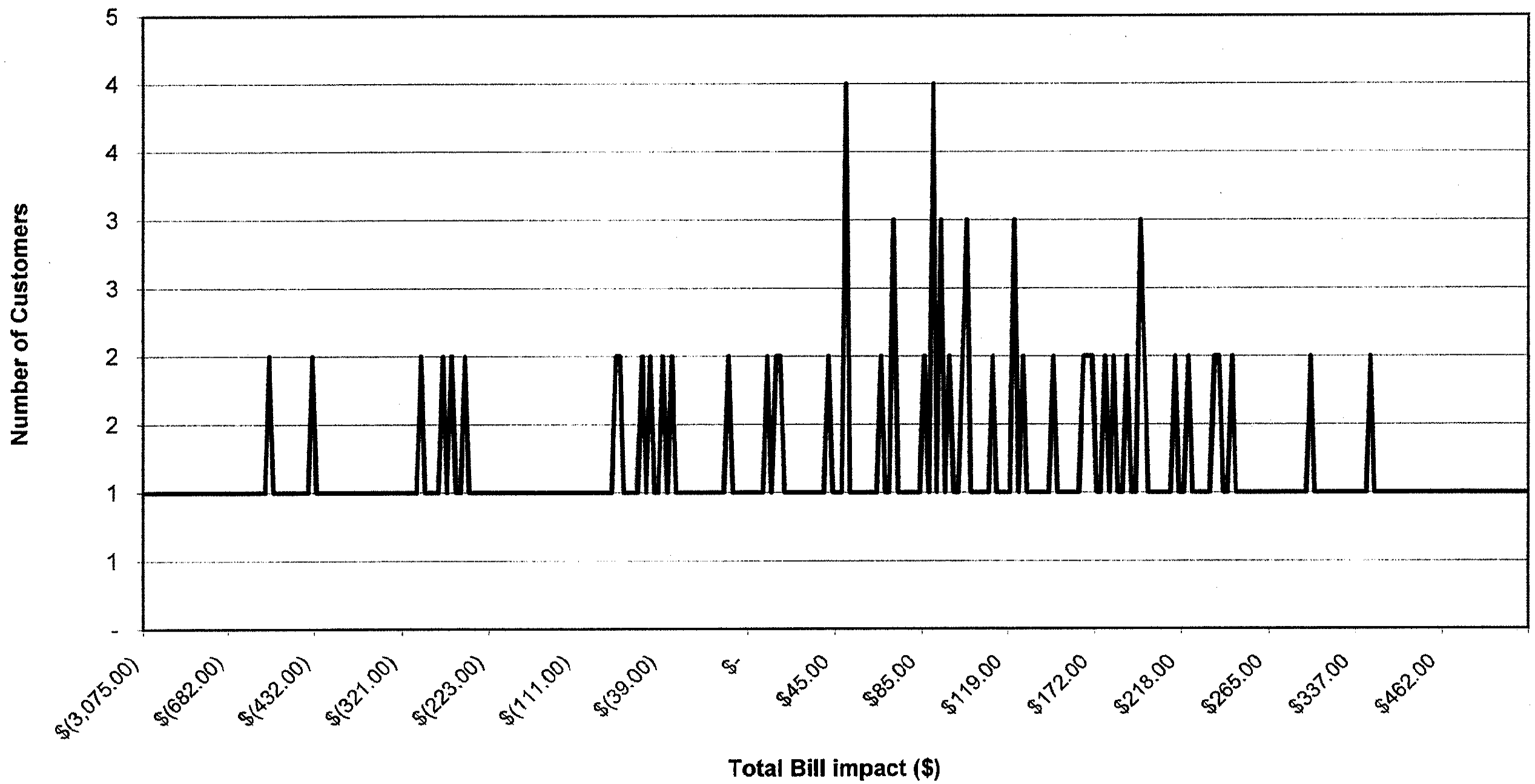
delmarva power
A PHI Company

DPL Delaware
LGS Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution



delmarva power
A PHI Company

DPL Delaware
LGS Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution



Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
LGS Bill Impact
Exisitng Customer Charge

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers	Avg Monthly Bill Impact
-9% to -10%	0.27%	1	$ (657.15)
-6% to -7%	0.80%	3	$ (383.48)
-5% to -6%	4.27%	16	$ (473.09)
-4% to -5%	4.00%	15	$ (585.97)
-3% to -4%	9.07%	34	$ (538.22)
-2% to -3%	6.93%	26	$ (389.26)
-1% to -2%	4.53%	17	$ (228.21)
-1% to 1%	39.73%	149	$ 72.14
1% to 2%	21.33%	80	$ 272.86
2% to 3%	8.00%	30	$ 363.61
3% to 4%	1.07%	4	$ 245.32

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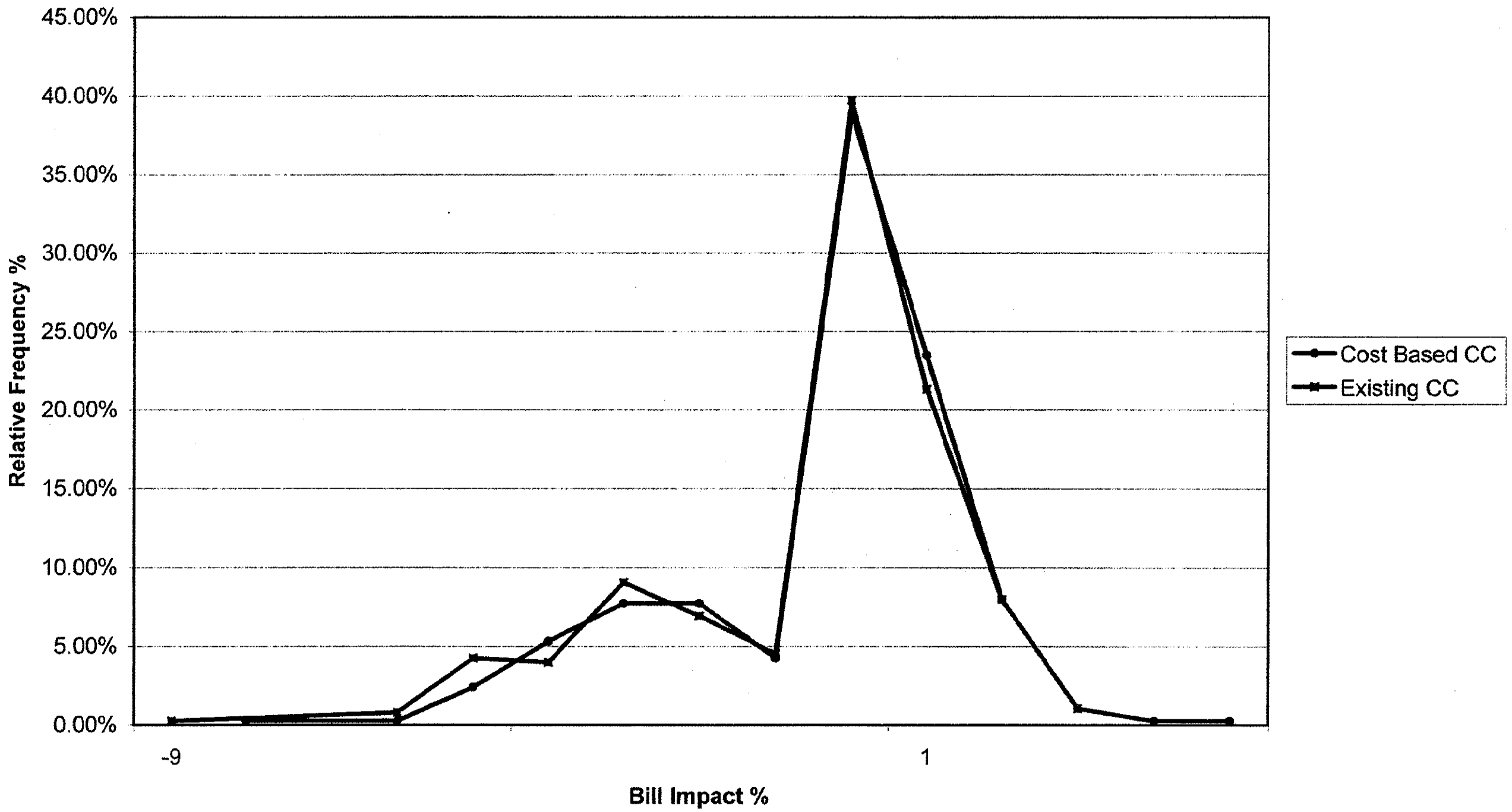
A PHI Company

DPL Delaware
LGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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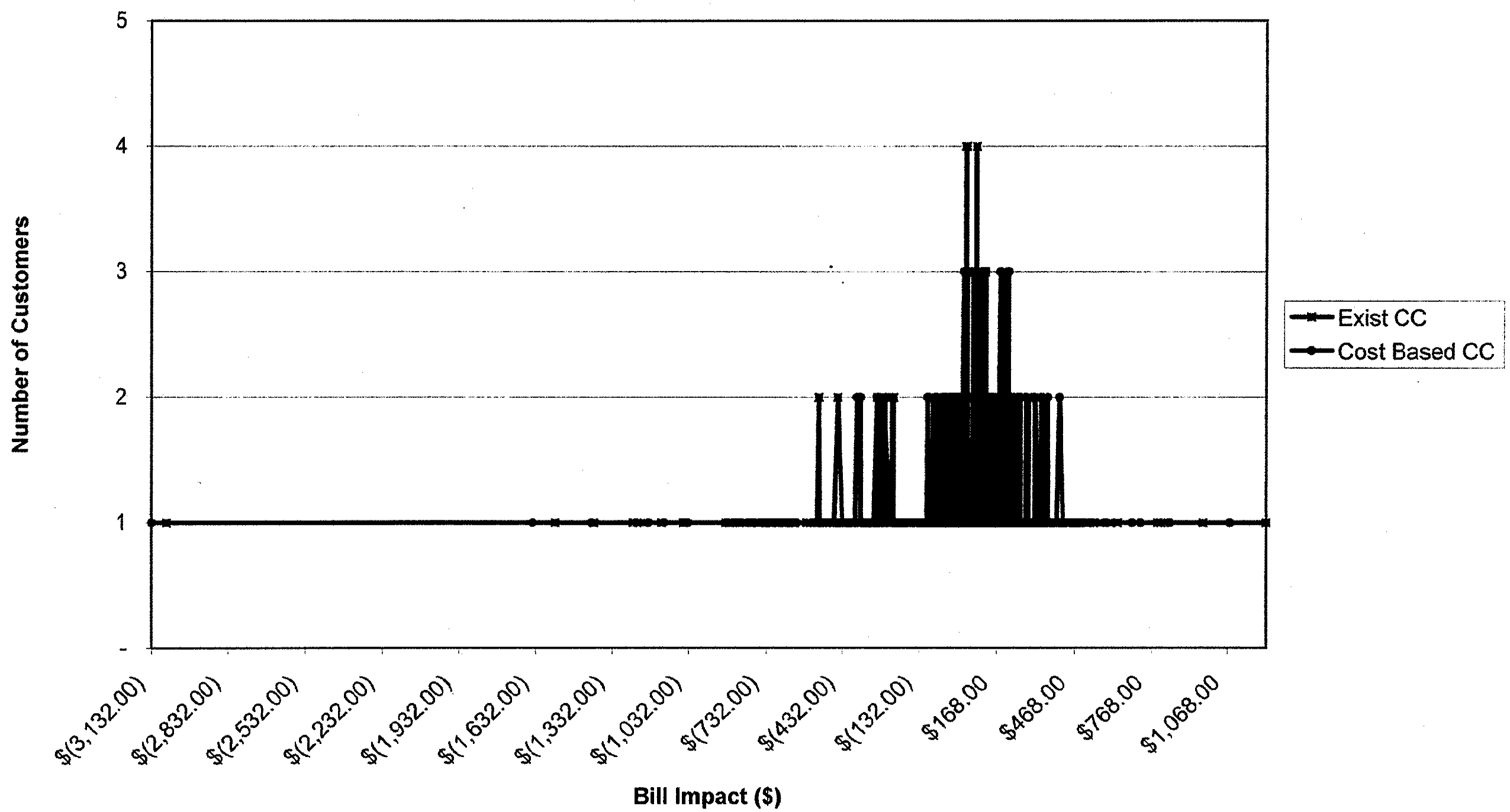
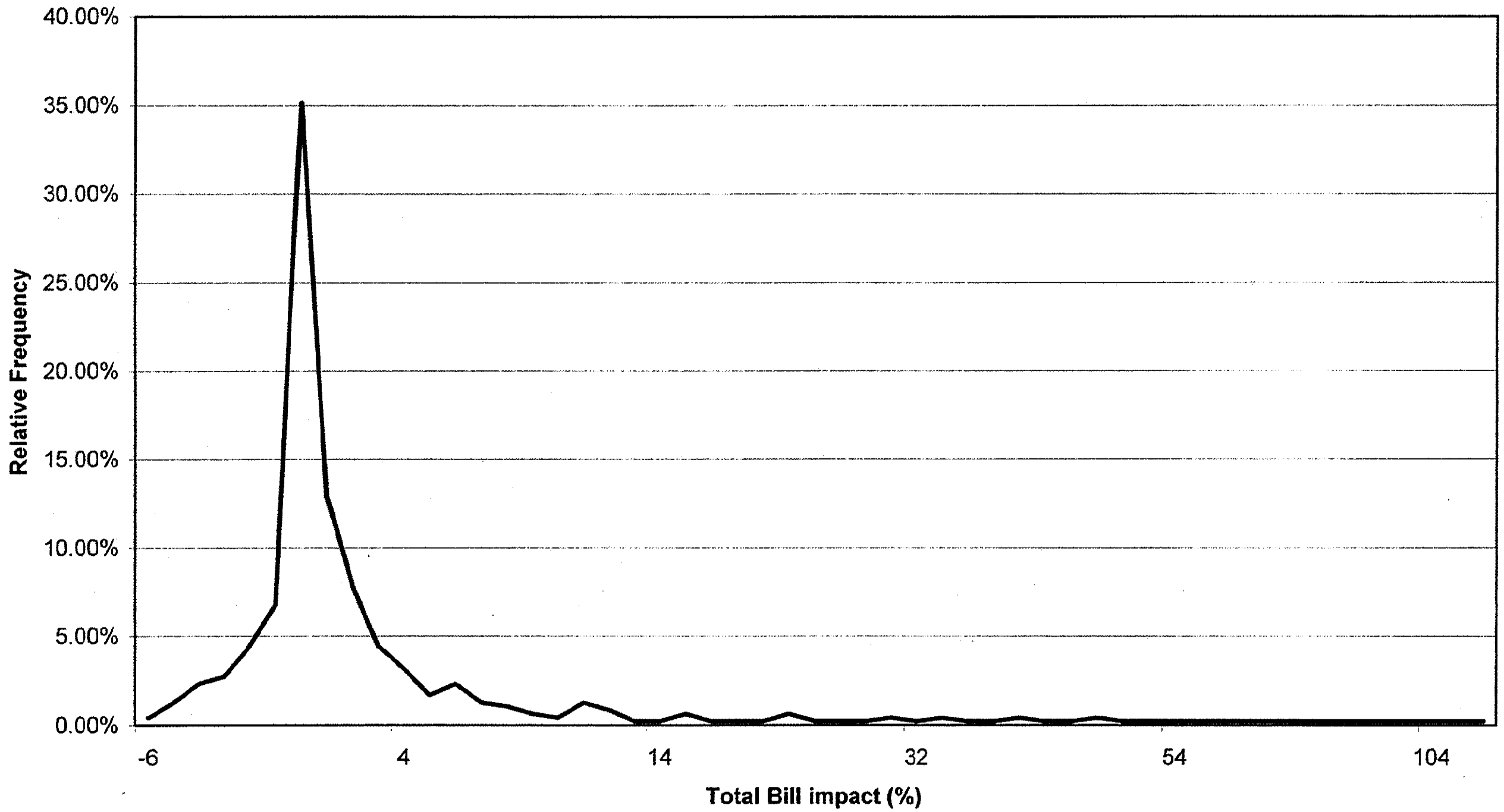
A PHI Company

DPL Delaware
LGS Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



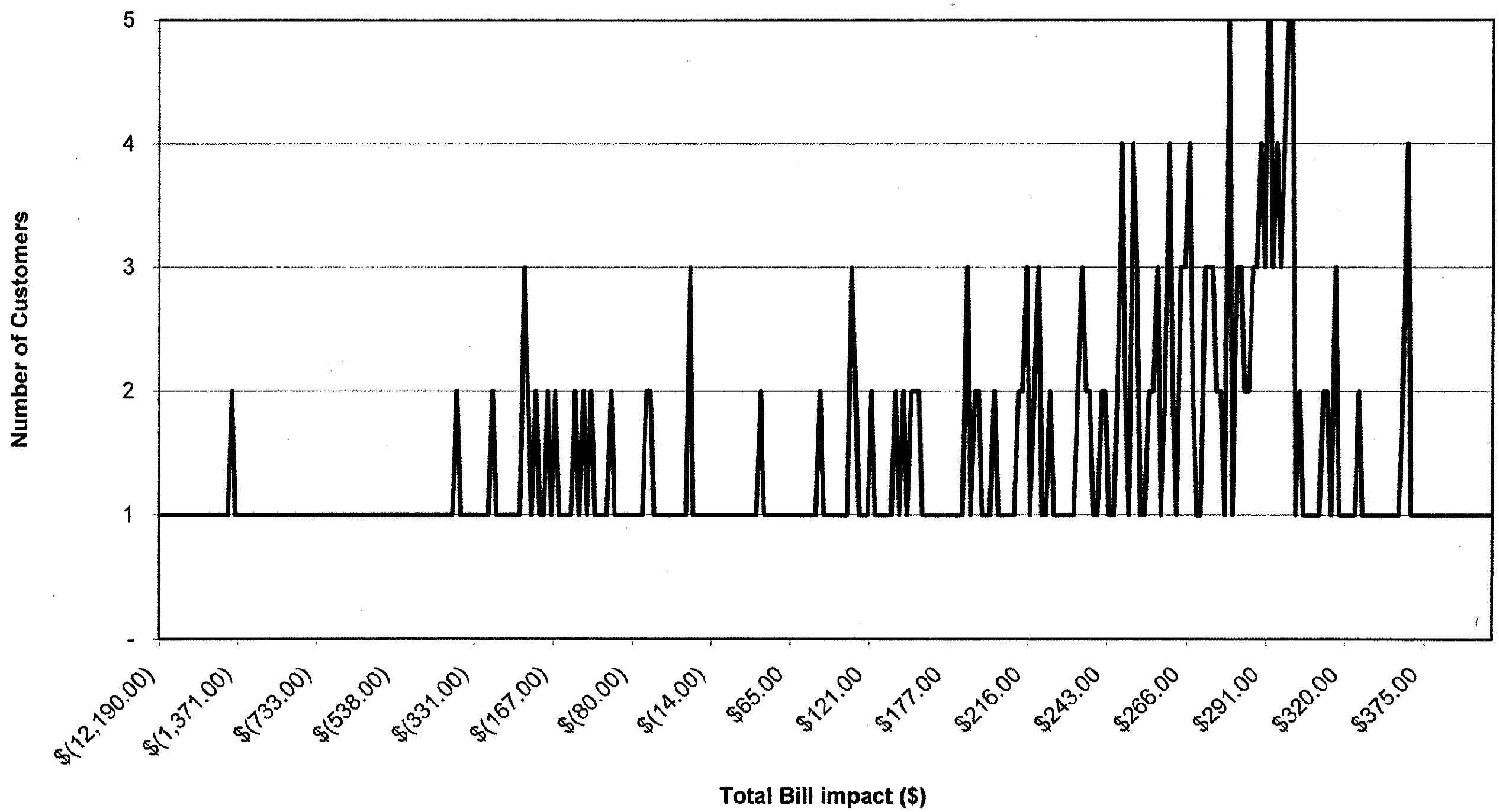
delmarva power
A PHI Company

DPL Delaware
GS-P Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



delmarva power
A PHI Company

DPL Delaware
GS-P Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution

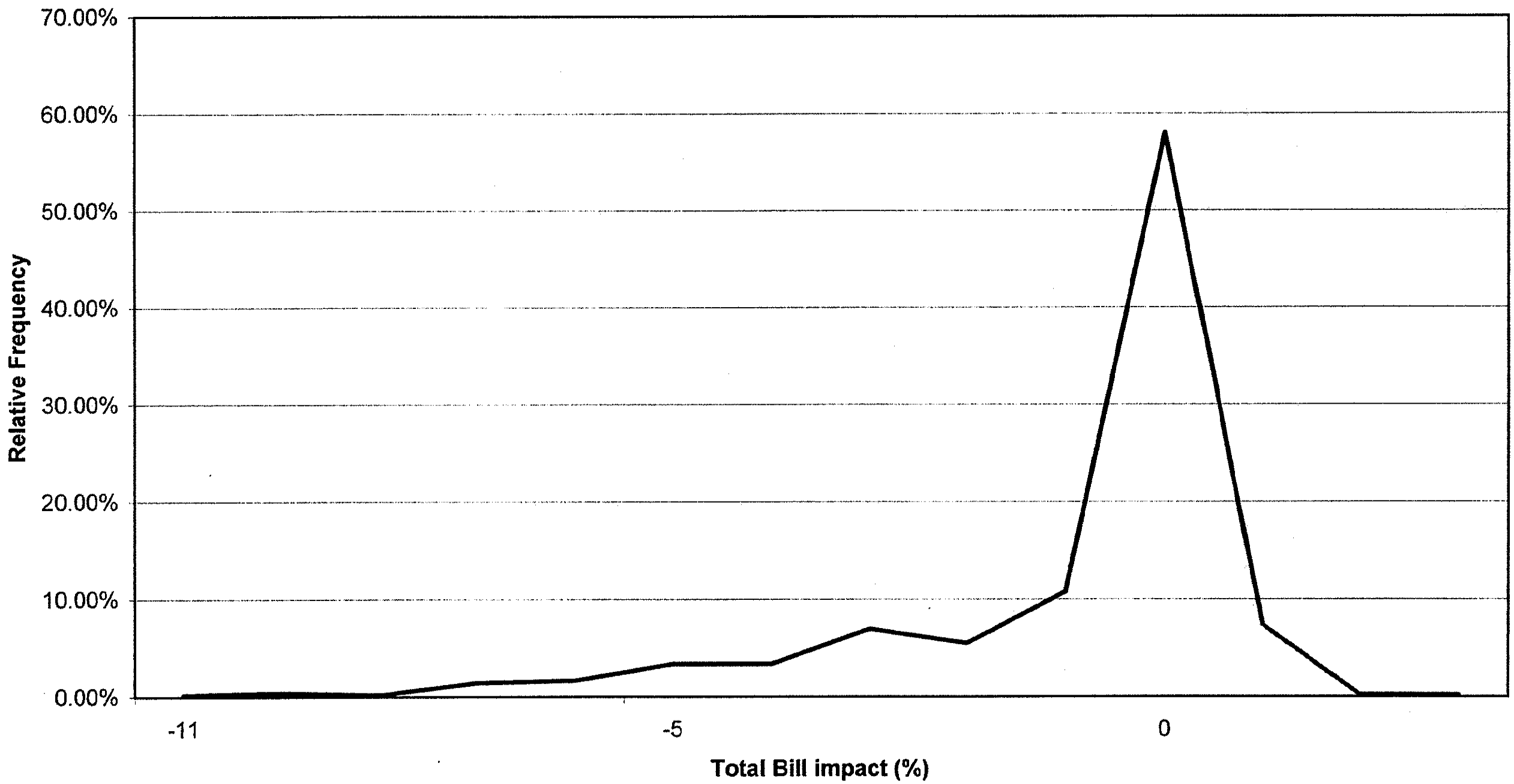


Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
GS-P Bill Impact

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers	Avg Monthly Bill Impact
-6% to -7%	0.42%	2	$ (1,509.92)
-5% to -6%	1.27%	6	$ (1,127.74)
-4% to -5%	2.33%	11	$ (978.01)
-3% to -4%	2.75%	13	$ (1,927.44)
-2% to -3%	4.45%	21	$ (1,261.94)
-1% to -2%	6.78%	32	$ (823.23)
-1% to 1%	35.17%	166	$ (14.12)
1% to 2%	12.92%	61	$ 268.56
2% to 3%	7.84%	37	$ 226.25
3% to 4%	4.45%	21	$ 307.99
4% to 5%	3.18%	15	$ 268.96
5% to 6%	1.69%	8	$ 262.46
6% to 7%	2.33%	11	$ 219.88
7% to 8%	1.27%	6	$ 254.03
8% to 9%	1.06%	5	$ 247.92
9% to 10%	0.64%	3	$ 299.59
>10%	11.44%	54	$ 280.12

delmarva power
A PHI Company

DPL Delaware
GS-P Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution



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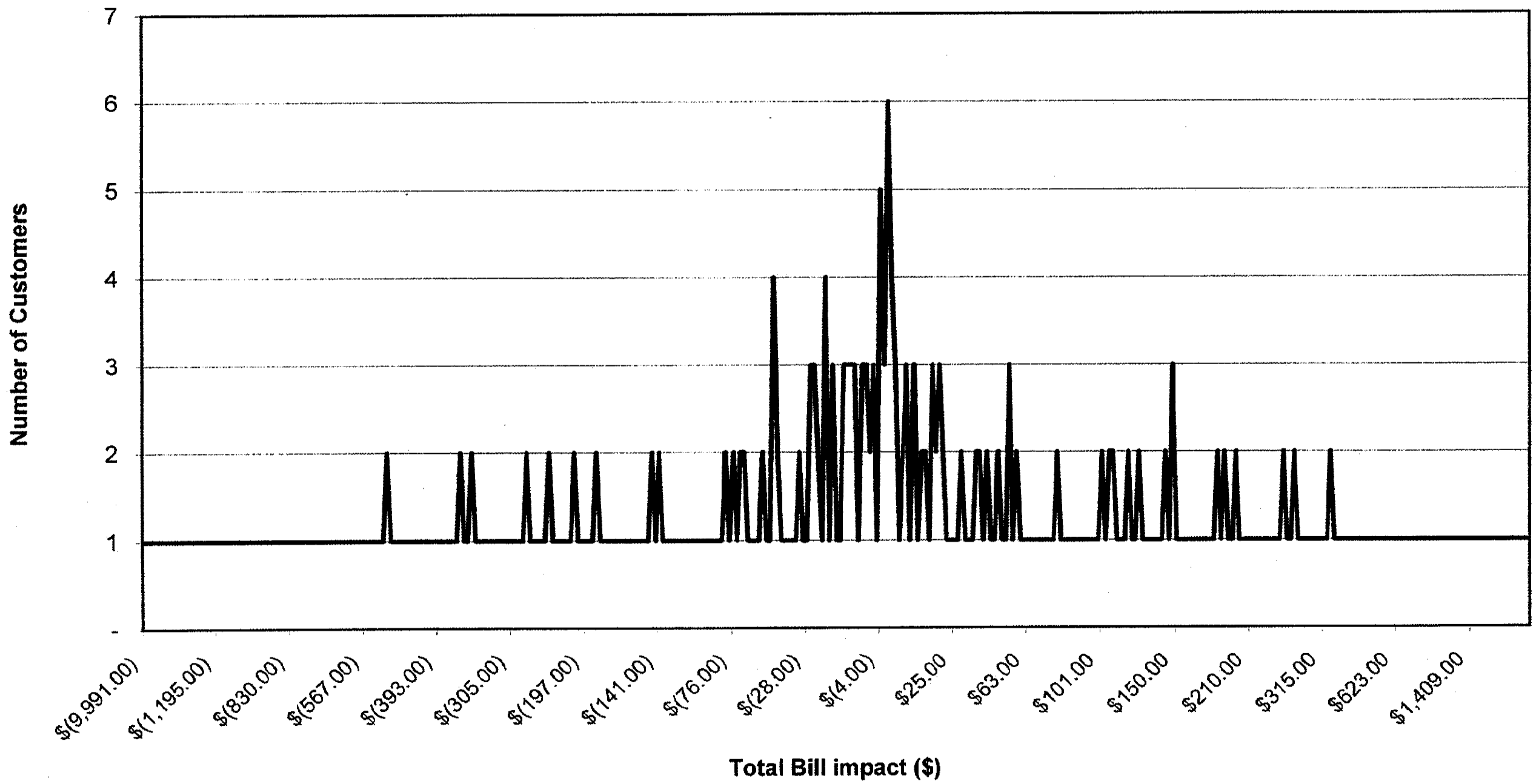
A PHI Company

DPL Delaware
GS-P Service Classification
PLC Based Distribution Rate Design
Existing Customer Charge
Bill Impact Distribution



Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
LGS Bill Impact
Exisitng Customer Charge

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers	Avg Monthly Bill Impact
-9% to -10%	0.21%	1	$ (553.63)
-6% to -7%	0.42%	2	$ (516.23)
-5% to -6%	0.21%	1	$ (306.48)
-4% to -5%	1.48%	7	$ (627.27)
-3% to -4%	1.69%	8	$ (1,289.17)
-2% to -3%	3.39%	16	$ (730.63)
-1% to -2%	3.39%	16	$ (591.94)
-1% to 1%	6.99%	33	$ (678.68)
1% to 2%	5.51%	26	$ (807.67)
2% to 3%	10.81%	51	$ (468.10)
3% to 4%	58.05%	274	$ 164.52

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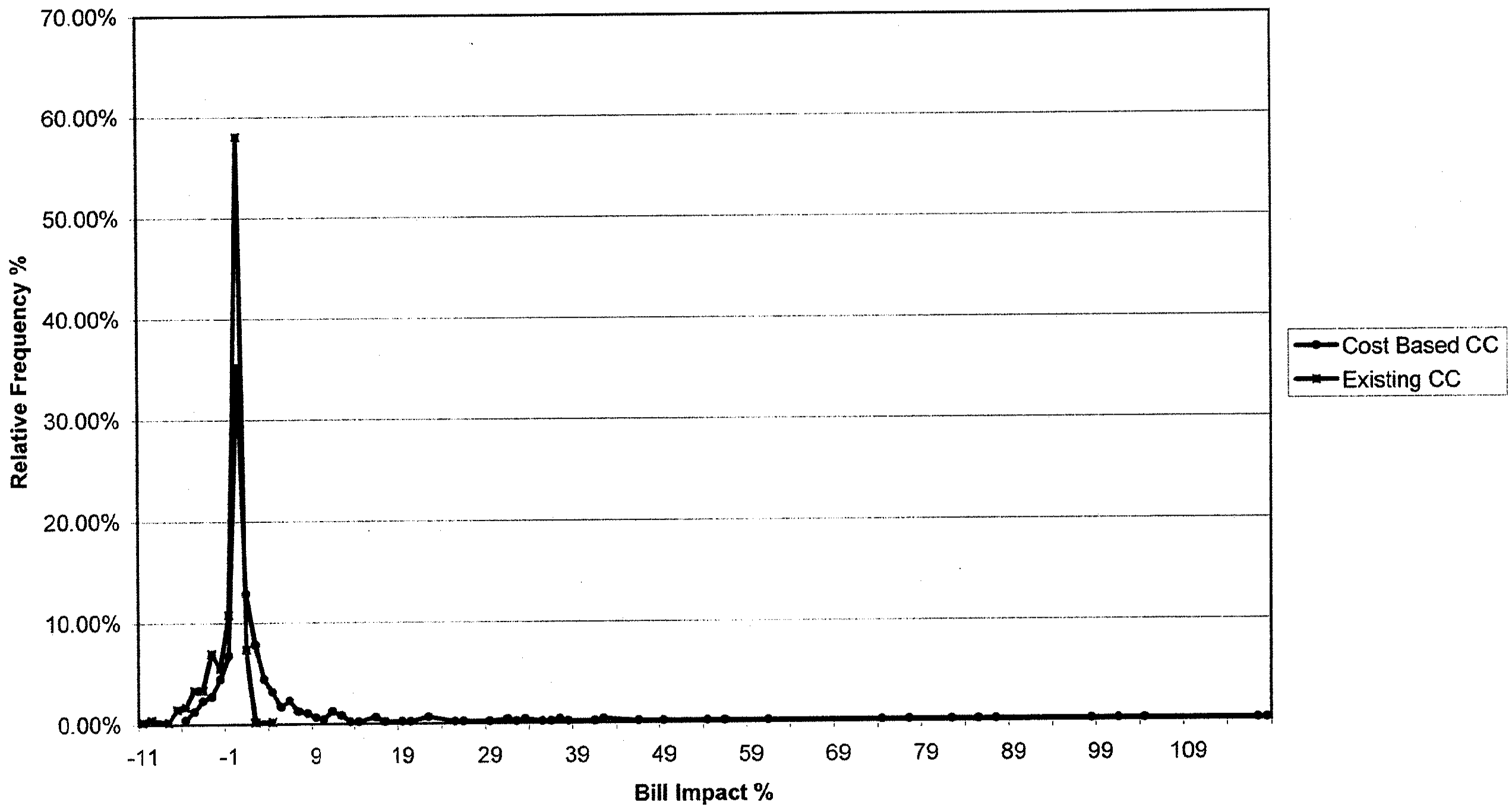
A PHI Company

DPL Delaware
GS-P Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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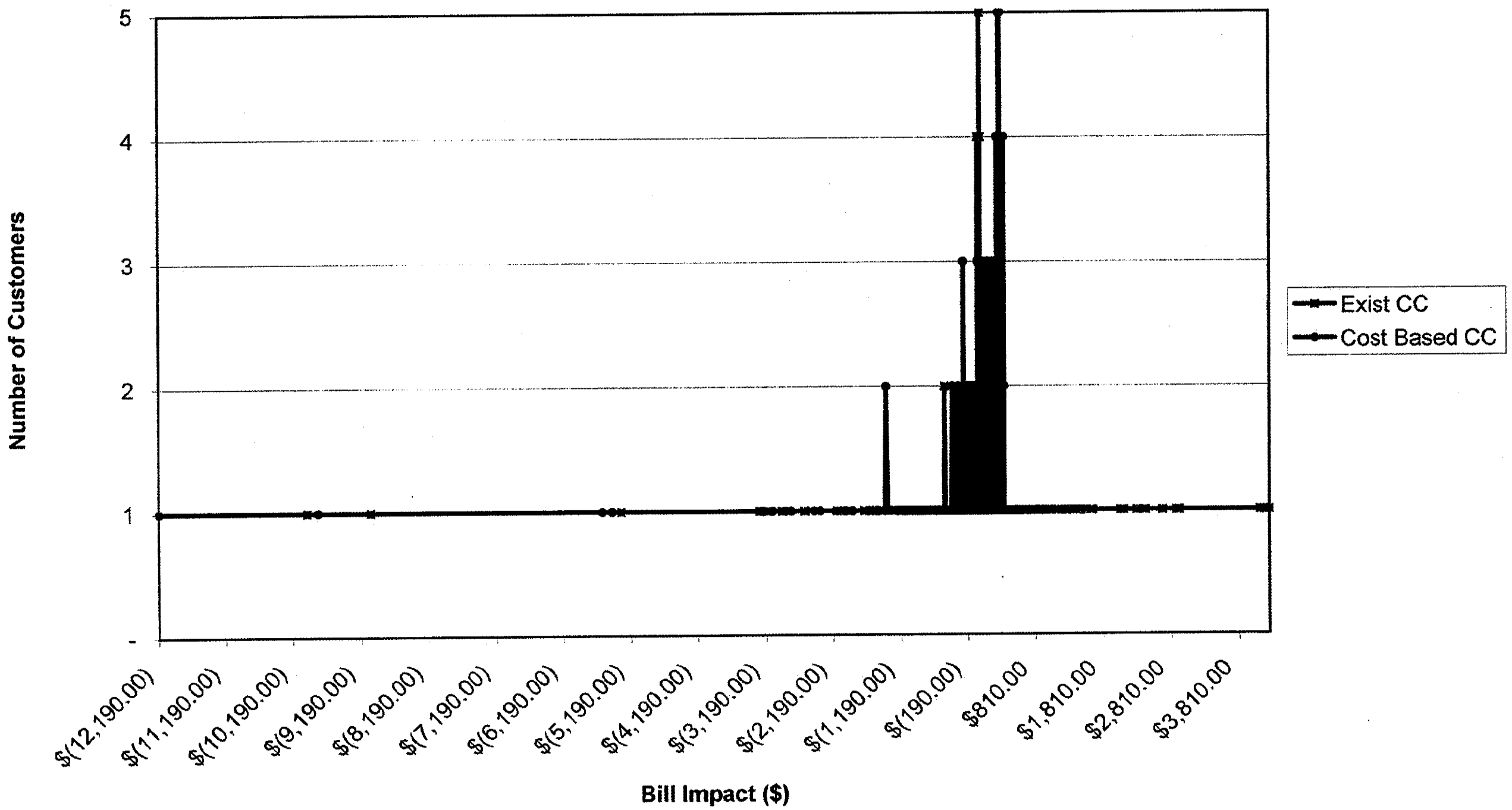
A PHI Company

DPL Delaware
GS-P Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



Delmarva Power Light - Delaware
Bill Impact Analysis
Residential Service Classification

Summer Usage (kWh)	PLC (kW)	Winter Usage (as a percentage of Average Summer Usage) (kWh) 0%	10%	20%	30%	40%	50%	60%	70%	72%	80%	90%	100%
0	0	-	-	-	-	-	-	-	-	-	-	-	-
25	0.09	-	3	5	8	10	13	15	18	18	20	23	25
50	0.17	-	5	10	15	20	25	30	35	36	40	45	50
75	0.26	-	8	15	23	30	38	45	53	54	60	68	75
100	0.34	-	10	20	30	40	50	60	70	72	80	90	100
150	0.51	-	15	30	45	60	75	90	105	108	120	135	150
200	0.68	-	20	40	60	80	100	120	140	144	160	180	200
250	0.85	-	25	50	75	100	125	150	175	180	200	225	250
300	1.02	-	30	60	90	120	150	180	210	217	240	270	300
350	1.2	-	35	70	105	140	175	210	245	253	280	315	350
400	1.37	-	40	80	120	160	200	240	280	289	320	360	400
450	1.54	-	45	90	135	180	225	270	315	325	360	405	450
500	1.71	-	50	100	150	200	250	300	350	361	400	450	500
600	2.05	-	60	120	180	240	300	360	420	433	480	540	600
700	2.39	-	70	140	210	280	350	420	490	505	560	630	700
750	2.56	-	75	150	225	300	375	450	525	541	600	675	750
800	2.73	-	80	160	240	320	400	480	560	577	640	720	800
900	3.07	-	90	180	270	360	450	540	630	650	720	810	900
1,000	3.42	-	100	200	300	400	500	600	700	722	800	900	1,000
1,015	3.47	-	102	203	305	406	508	609	711	733	812	914	1,015
1,200	4.1	-	120	240	360	480	600	720	840	866	960	1,080	1,200
1,500	5.12	-	150	300	450	600	750	900	1,050	1,083	1,200	1,350	1,500
2,000	6.83	-	200	400	600	800	1,000	1,200	1,400	1,444	1,600	1,800	2,000
2,500	8.54	-	250	500	750	1,000	1,250	1,500	1,750	1,805	2,000	2,250	2,500
3,000	10.2	-	300	600	900	1,200	1,500	1,800	2,100	2,166	2,400	2,700	3,000
3,500	12	-	350	700	1,050	1,400	1,750	2,100	2,450	2,526	2,800	3,150	3,500
4,000	13.7	-	400	800	1,200	1,600	2,000	2,400	2,800	2,887	3,200	3,600	4,000

Delmarva Power Light - Delaware
Bill Impact Analysis
Residential Service Classification

Annual Average Monthly Bill (Existing Rates)

Summer Usage (kWh)	PLC (kW)	Winter Usage (as a percentage of Average Summer Usage) ------->> 0%	10%	20%	30%	40%	50%	60%	70%	72%	80%	90%	100%
0	0	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36
25	0.09	$ 8.51	$ 8.76	$ 9.01	$ 9.26	$ 9.52	$ 9.77	$ 10.02	$ 10.27	$ 10.33	$ 10.52	$ 10.78	$ 11.03
50	0.17	$ 9.66	$ 10.16	$ 10.66	$ 11.17	$ 11.67	$ 12.18	$ 12.68	$ 13.18	$ 13.29	$ 13.69	$ 14.19	$ 14.70
75	0.26	$ 10.80	$ 11.56	$ 12.32	$ 13.07	$ 13.83	$ 14.58	$ 15.34	$ 16.10	$ 16.26	$ 16.85	$ 17.61	$ 18.37
100	0.34	$ 11.95	$ 12.96	$ 13.97	$ 14.98	$ 15.98	$ 16.99	$ 18.00	$ 19.01	$ 19.23	$ 20.02	$ 21.03	$ 22.03
150	0.51	$ 14.25	$ 15.76	$ 17.27	$ 18.78	$ 20.30	$ 21.81	$ 23.32	$ 24.83	$ 25.16	$ 26.35	$ 27.86	$ 29.37
200	0.68	$ 16.54	$ 18.56	$ 20.58	$ 22.59	$ 24.61	$ 26.63	$ 28.64	$ 30.66	$ 31.10	$ 32.67	$ 34.69	$ 36.71
250	0.85	$ 18.84	$ 21.36	$ 23.88	$ 26.40	$ 28.92	$ 31.44	$ 33.96	$ 36.48	$ 37.03	$ 39.00	$ 41.52	$ 44.04
300	1.02	$ 21.14	$ 24.16	$ 27.19	$ 30.21	$ 33.23	$ 36.26	$ 39.28	$ 42.31	$ 42.97	$ 45.33	$ 48.36	$ 51.38
350	1.2	$ 23.43	$ 26.96	$ 30.49	$ 34.02	$ 37.55	$ 41.08	$ 44.60	$ 48.13	$ 48.90	$ 51.66	$ 55.19	$ 58.72
400	1.37	$ 25.73	$ 29.76	$ 33.79	$ 37.83	$ 41.86	$ 45.89	$ 49.92	$ 53.96	$ 54.84	$ 57.99	$ 62.02	$ 66.05
450	1.54	$ 28.02	$ 32.56	$ 37.10	$ 41.63	$ 46.17	$ 50.71	$ 55.24	$ 59.78	$ 60.77	$ 64.32	$ 68.85	$ 73.39
500	1.71	$ 30.32	$ 35.36	$ 40.40	$ 45.44	$ 50.48	$ 55.52	$ 60.57	$ 65.61	$ 66.71	$ 70.65	$ 75.69	$ 80.73
600	2.05	$ 34.91	$ 40.96	$ 47.01	$ 53.06	$ 59.11	$ 65.16	$ 71.21	$ 77.26	$ 78.58	$ 83.30	$ 88.74	$ 93.88
700	2.39	$ 39.50	$ 46.56	$ 53.62	$ 60.68	$ 67.73	$ 74.79	$ 81.85	$ 88.90	$ 90.37	$ 95.05	$ 101.04	$ 107.03
750	2.56	$ 41.80	$ 49.36	$ 56.92	$ 64.48	$ 72.05	$ 79.61	$ 87.17	$ 94.35	$ 95.75	$ 100.77	$ 107.19	$ 113.60
800	2.73	$ 44.10	$ 52.16	$ 60.23	$ 68.29	$ 76.36	$ 84.42	$ 92.49	$ 99.64	$ 101.14	$ 106.49	$ 113.33	$ 120.18
900	3.07	$ 48.69	$ 57.76	$ 66.84	$ 75.91	$ 84.98	$ 94.06	$ 102.52	$ 110.22	$ 111.91	$ 117.92	$ 125.63	$ 133.33
1,000	3.42	$ 53.28	$ 63.36	$ 73.44	$ 83.53	$ 93.61	$ 103.69	$ 112.25	$ 120.81	$ 122.68	$ 129.36	$ 137.92	$ 146.48
1,015	3.47	$ 53.99	$ 64.22	$ 74.46	$ 84.70	$ 94.93	$ 105.05	$ 113.74	$ 122.43	$ 124.33	$ 131.12	$ 139.81	$ 148.50
1,200	4.1	$ 62.47	$ 74.56	$ 86.66	$ 98.76	$ 110.86	$ 121.43	$ 131.70	$ 141.97	$ 144.21	$ 152.24	$ 162.51	$ 172.78
1,500	5.12	$ 76.24	$ 91.36	$ 106.49	$ 121.61	$ 135.21	$ 148.04	$ 160.88	$ 173.72	$ 176.52	$ 186.56	$ 199.39	$ 212.23
2,000	6.83	$ 99.20	$ 119.37	$ 139.53	$ 158.17	$ 175.28	$ 192.40	$ 209.52	$ 226.63	$ 230.37	$ 243.75	$ 260.87	$ 277.98
2,500	8.54	$ 122.16	$ 147.37	$ 172.57	$ 193.97	$ 215.36	$ 236.76	$ 258.15	$ 279.55	$ 284.22	$ 300.94	$ 322.34	$ 343.73
3,000	10.2	$ 145.12	$ 175.37	$ 204.09	$ 229.76	$ 255.44	$ 281.11	$ 306.79	$ 332.46	$ 338.07	$ 358.13	$ 383.81	$ 409.48
3,500	12	$ 168.08	$ 203.37	$ 235.61	$ 265.56	$ 295.51	$ 325.47	$ 355.42	$ 385.37	$ 391.92	$ 415.33	$ 445.28	$ 475.23
4,000	13.7	$ 191.05	$ 231.37	$ 267.13	$ 301.36	$ 335.59	$ 369.82	$ 404.06	$ 438.29	$ 445.77	$ 472.52	$ 506.75	$ 540.99

Delmarva Power Light - Delaware
Bill Impact Analysis
Residential Service Classification

Annual Average Monthly Bill (Proposed Rates)

Summer Usage (kWh)	PLC (kW)	Winter Usage (as a percentage of Average Summer Usage) -------->> 0%	10%	20%	30%	40%	50%	60%	70%	72%	80%	90%	100%
0	0	$ 17.62	$ 17.62	$ 17.62	$ 17.62	$ 17.62	$ 17.62	$ 17.62	$ 17.62	$ 17.62	$ 17.62	$ 17.62	$ 17.62
25	0.09	$ 18.94	$ 19.16	$ 19.37	$ 19.58	$ 19.80	$ 20.01	$ 20.22	$ 20.44	$ 20.48	$ 20.65	$ 20.86	$ 21.08
50	0.17	$ 20.26	$ 20.69	$ 21.11	$ 21.54	$ 21.97	$ 22.40	$ 22.82	$ 23.25	$ 23.34	$ 23.68	$ 24.10	$ 24.53
75	0.26	$ 21.58	$ 22.22	$ 22.86	$ 23.50	$ 24.14	$ 24.78	$ 25.42	$ 26.06	$ 26.20	$ 26.70	$ 27.35	$ 27.99
100	0.34	$ 22.89	$ 23.75	$ 24.60	$ 25.46	$ 26.31	$ 27.17	$ 28.02	$ 28.88	$ 29.06	$ 29.73	$ 30.59	$ 31.44
150	0.51	$ 25.53	$ 26.81	$ 28.09	$ 29.37	$ 30.65	$ 31.94	$ 33.22	$ 34.50	$ 34.78	$ 35.78	$ 37.07	$ 38.35
200	0.68	$ 28.16	$ 29.87	$ 31.58	$ 33.29	$ 35.00	$ 36.71	$ 38.42	$ 40.13	$ 40.50	$ 41.84	$ 43.55	$ 45.26
250	0.85	$ 30.79	$ 32.93	$ 35.07	$ 37.20	$ 39.34	$ 41.48	$ 43.62	$ 45.75	$ 46.22	$ 47.89	$ 50.03	$ 52.16
300	1.02	$ 33.43	$ 35.99	$ 38.56	$ 41.12	$ 43.68	$ 46.25	$ 48.81	$ 51.38	$ 51.94	$ 53.94	$ 56.51	$ 59.07
350	1.2	$ 36.06	$ 39.05	$ 42.04	$ 45.04	$ 48.03	$ 51.02	$ 54.01	$ 57.00	$ 57.66	$ 59.99	$ 62.99	$ 65.98
400	1.37	$ 38.70	$ 42.11	$ 45.53	$ 48.95	$ 52.37	$ 55.79	$ 59.21	$ 62.63	$ 63.38	$ 66.05	$ 69.47	$ 72.89
450	1.54	$ 41.33	$ 45.18	$ 49.02	$ 52.87	$ 56.72	$ 60.56	$ 64.41	$ 68.25	$ 69.09	$ 72.10	$ 75.95	$ 79.79
500	1.71	$ 43.96	$ 48.24	$ 52.51	$ 56.78	$ 61.06	$ 65.33	$ 69.61	$ 73.88	$ 74.81	$ 78.15	$ 82.43	$ 86.70
600	2.05	$ 49.23	$ 54.36	$ 59.49	$ 64.62	$ 69.75	$ 74.87	$ 80.00	$ 85.13	$ 86.25	$ 90.26	$ 94.78	$ 98.99
700	2.39	$ 54.50	$ 60.48	$ 66.47	$ 72.45	$ 78.43	$ 84.42	$ 90.40	$ 96.38	$ 97.61	$ 101.45	$ 106.37	$ 111.28
750	2.56	$ 57.13	$ 63.54	$ 69.95	$ 76.36	$ 82.78	$ 89.19	$ 95.60	$ 101.63	$ 102.78	$ 106.89	$ 112.16	$ 117.43
800	2.73	$ 59.77	$ 66.60	$ 73.44	$ 80.28	$ 87.12	$ 93.96	$ 100.79	$ 106.72	$ 107.95	$ 112.34	$ 117.96	$ 123.58
900	3.07	$ 65.03	$ 72.73	$ 80.42	$ 88.11	$ 95.81	$ 103.50	$ 110.58	$ 116.90	$ 118.28	$ 123.23	$ 129.55	$ 135.87
1,000	3.42	$ 70.30	$ 78.85	$ 87.40	$ 95.94	$ 104.49	$ 113.04	$ 120.06	$ 127.09	$ 128.62	$ 134.11	$ 141.14	$ 148.16
1,015	3.47	$ 71.11	$ 79.79	$ 88.47	$ 97.15	$ 105.83	$ 114.39	$ 121.52	$ 128.65	$ 130.21	$ 135.79	$ 142.92	$ 150.05
1,200	4.1	$ 80.84	$ 91.09	$ 101.35	$ 111.61	$ 121.87	$ 130.60	$ 139.03	$ 147.46	$ 149.30	$ 155.89	$ 164.32	$ 172.74
1,500	5.12	$ 96.64	$ 109.46	$ 122.28	$ 135.10	$ 146.40	$ 156.94	$ 167.47	$ 178.01	$ 180.31	$ 188.55	$ 199.08	$ 209.62
2,000	6.83	$ 122.98	$ 140.07	$ 157.17	$ 172.74	$ 186.79	$ 200.84	$ 214.89	$ 228.93	$ 232.00	$ 242.98	$ 257.03	$ 271.08
2,500	8.54	$ 149.32	$ 170.69	$ 192.06	$ 209.62	$ 227.18	$ 244.74	$ 262.30	$ 279.86	$ 283.69	$ 297.42	$ 314.98	$ 332.54
3,000	10.2	$ 175.66	$ 201.30	$ 225.42	$ 246.49	$ 267.56	$ 288.64	$ 309.71	$ 330.78	$ 335.38	$ 351.85	$ 372.92	$ 394.00
3,500	12	$ 201.99	$ 231.91	$ 258.78	$ 283.37	$ 307.95	$ 332.53	$ 357.12	$ 381.70	$ 387.07	$ 406.29	$ 430.87	$ 455.46
4,000	13.7	$ 228.33	$ 262.52	$ 292.14	$ 320.24	$ 348.34	$ 376.43	$ 404.53	$ 432.63	$ 438.77	$ 460.72	$ 488.82	$ 516.92

Delmarva Power Light - Delaware
Bill Impact Analysis
Residential Service Classification

Annual Average Monthly Bill Impact ($)

Summer Usage (kWh)	PLC (kW)	Winter Usage (as a percentage of Average Summer Usage) -------->> 0%	10%	20%	30%	40%	50%	60%	70%	72%	80%	90%	100%
0	0	$ 10.26	$ 10.26	$ 10.26	$ 10.26	$ 10.26	$ 10.26	$ 10.26	$ 10.26	$ 10.26	$ 10.26	$ 10.26	$ 10.26
25	0.09	$ 10.43	$ 10.40	$ 10.36	$ 10.32	$ 10.28	$ 10.24	$ 10.20	$ 10.17	$ 10.16	$ 10.13	$ 10.09	$ 10.05
50	0.17	$ 10.60	$ 10.53	$ 10.45	$ 10.37	$ 10.30	$ 10.22	$ 10.14	$ 10.07	$ 10.05	$ 9.99	$ 9.91	$ 9.84
75	0.26	$ 10.77	$ 10.66	$ 10.54	$ 10.43	$ 10.31	$ 10.20	$ 10.08	$ 9.97	$ 9.94	$ 9.85	$ 9.74	$ 9.62
100	0.34	$ 10.94	$ 10.79	$ 10.63	$ 10.48	$ 10.33	$ 10.17	$ 10.02	$ 9.87	$ 9.83	$ 9.71	$ 9.56	$ 9.41
150	0.51	$ 11.28	$ 11.05	$ 10.82	$ 10.59	$ 10.36	$ 10.13	$ 9.90	$ 9.67	$ 9.62	$ 9.44	$ 9.21	$ 8.98
200	0.68	$ 11.62	$ 11.31	$ 11.00	$ 10.70	$ 10.39	$ 10.08	$ 9.78	$ 9.47	$ 9.40	$ 9.16	$ 8.85	$ 8.55
250	0.85	$ 11.95	$ 11.57	$ 11.19	$ 10.80	$ 10.42	$ 10.04	$ 9.65	$ 9.27	$ 9.19	$ 8.89	$ 8.50	$ 8.12
300	1.02	$ 12.29	$ 11.83	$ 11.37	$ 10.91	$ 10.45	$ 9.99	$ 9.53	$ 9.07	$ 8.97	$ 8.61	$ 8.15	$ 7.69
350	1.2	$ 12.63	$ 12.09	$ 11.56	$ 11.02	$ 10.48	$ 9.94	$ 9.41	$ 8.87	$ 8.75	$ 8.33	$ 7.80	$ 7.26
400	1.37	$ 12.97	$ 12.35	$ 11.74	$ 11.13	$ 10.51	$ 9.90	$ 9.29	$ 8.67	$ 8.54	$ 8.06	$ 7.44	$ 6.83
450	1.54	$ 13.30	$ 12.61	$ 11.92	$ 11.23	$ 10.54	$ 9.85	$ 9.16	$ 8.47	$ 8.32	$ 7.78	$ 7.09	$ 6.40
500	1.71	$ 13.64	$ 12.88	$ 12.11	$ 11.34	$ 10.57	$ 9.81	$ 9.04	$ 8.27	$ 8.11	$ 7.51	$ 6.74	$ 5.97
600	2.05	$ 14.32	$ 13.40	$ 12.48	$ 11.56	$ 10.64	$ 9.72	$ 8.80	$ 7.88	$ 7.67	$ 6.96	$ 6.03	$ 5.11
700	2.39	$ 14.99	$ 13.92	$ 12.85	$ 11.77	$ 10.70	$ 9.62	$ 8.55	$ 7.48	$ 7.24	$ 6.40	$ 5.33	$ 4.26
750	2.56	$ 15.33	$ 14.18	$ 13.03	$ 11.88	$ 10.73	$ 9.58	$ 8.43	$ 7.28	$ 7.03	$ 6.13	$ 4.98	$ 3.83
800	2.73	$ 15.67	$ 14.44	$ 13.21	$ 11.99	$ 10.76	$ 9.53	$ 8.31	$ 7.08	$ 6.81	$ 5.85	$ 4.62	$ 3.40
900	3.07	$ 16.34	$ 14.96	$ 13.58	$ 12.20	$ 10.82	$ 9.44	$ 8.06	$ 6.68	$ 6.38	$ 5.30	$ 3.92	$ 2.54
1,000	3.42	$ 17.02	$ 15.49	$ 13.95	$ 12.42	$ 10.88	$ 9.35	$ 7.82	$ 6.28	$ 5.95	$ 4.75	$ 3.21	$ 1.68
1,015	3.47	$ 17.12	$ 15.57	$ 14.01	$ 12.45	$ 10.89	$ 9.34	$ 7.78	$ 6.22	**$ 5.88**	$ 4.66	$ 3.11	$ 1.55
1,200	4.1	$ 18.37	$ 16.53	$ 14.69	$ 12.85	$ 11.01	$ 9.17	$ 7.33	$ 5.49	$ 5.08	$ 3.65	$ 1.81	$ (0.04)
1,500	5.12	$ 20.40	$ 18.10	$ 15.80	$ 13.50	$ 11.19	$ 8.89	$ 6.59	$ 4.29	$ 3.79	$ 1.99	$ (0.31)	$ (2.61)
2,000	6.83	$ 23.78	$ 20.71	$ 17.64	$ 14.57	$ 11.50	$ 8.44	$ 5.37	$ 2.30	$ 1.63	$ (0.77)	$ (3.83)	$ (6.90)
2,500	8.54	$ 27.15	$ 23.32	$ 19.48	$ 15.65	$ 11.81	$ 7.98	$ 4.14	$ 0.31	$ (0.53)	$ (3.52)	$ (7.36)	$ (11.19)
3,000	10.2	$ 30.53	$ 25.93	$ 21.33	$ 16.73	$ 12.12	$ 7.52	$ 2.92	$ (1.68)	$ (2.69)	$ (6.28)	$ (10.88)	$ (15.49)
3,500	12	$ 33.91	$ 28.54	$ 23.17	$ 17.80	$ 12.43	$ 7.07	$ 1.70	$ (3.67)	$ (4.84)	$ (9.04)	$ (14.41)	$ (19.78)
4,000	13.7	$ 37.29	$ 31.15	$ 25.02	$ 18.88	$ 12.74	$ 6.61	$ 0.47	$ (5.66)	$ (7.00)	$ (11.80)	$ (17.93)	$ (24.07)

Delmarva Power Light - Delaware
Bill Impact Analysis
Residential Service Classification

Annual Average Monthly Bill Impact (%)

Summer Usage (kWh)	PLC (kW)	Winter Usage (as a percentage of Average Summer Usage) ------>> 0%	10%	20%	30%	40%	50%	60%	70%	72%	80%	90%	100%
0	0	139.5%	139.5%	139.5%	139.5%	139.5%	139.5%	139.5%	139.5%	139.5%	139.5%	139.5%	139.5%
25	0.09	122.6%	118.7%	114.9%	111.4%	108.0%	104.8%	101.8%	99.0%	98.3%	96.2%	93.6%	91.1%
50	0.17	109.8%	103.6%	98.0%	92.9%	88.2%	83.9%	80.0%	76.3%	75.6%	73.0%	69.8%	66.9%
75	0.26	99.7%	92.2%	85.6%	79.8%	74.6%	69.9%	65.7%	61.9%	61.1%	58.5%	55.3%	52.4%
100	0.34	91.5%	83.2%	76.1%	70.0%	64.6%	59.9%	55.7%	51.9%	51.1%	48.5%	45.5%	42.7%
150	0.51	79.2%	70.1%	62.6%	56.4%	51.0%	46.4%	42.4%	38.9%	38.2%	35.8%	33.1%	30.6%
200	0.68	70.2%	60.9%	53.5%	47.3%	42.2%	37.9%	34.1%	30.9%	30.2%	28.0%	25.5%	23.3%
250	0.85	63.4%	54.2%	46.8%	40.9%	36.0%	31.9%	28.4%	25.4%	24.8%	22.8%	20.5%	18.4%
300	1.02	58.2%	49.0%	41.8%	36.1%	31.4%	27.6%	24.3%	21.4%	20.9%	19.0%	16.9%	15.0%
350	1.2	53.9%	44.9%	37.9%	32.4%	27.9%	24.2%	21.1%	18.4%	17.9%	16.1%	14.1%	12.4%
400	1.37	50.4%	41.5%	34.7%	29.4%	25.1%	21.6%	18.6%	16.1%	15.6%	13.9%	12.0%	10.3%
450	1.54	47.5%	38.7%	32.1%	27.0%	22.8%	19.4%	16.6%	14.2%	13.7%	12.1%	10.3%	8.7%
500	1.71	45.0%	36.4%	30.0%	25.0%	20.9%	17.7%	14.9%	12.6%	12.2%	10.6%	8.9%	7.4%
600	2.05	41.0%	32.7%	26.5%	21.8%	18.0%	14.9%	12.4%	10.2%	9.8%	8.3%	6.8%	5.4%
700	2.39	38.0%	29.9%	24.0%	19.4%	15.8%	12.9%	10.4%	8.4%	8.0%	6.7%	5.3%	4.0%
750	2.56	36.7%	28.7%	22.9%	18.4%	14.9%	12.0%	9.7%	7.7%	7.3%	6.1%	4.6%	3.4%
800	2.73	35.5%	27.7%	21.9%	17.6%	14.1%	11.3%	9.0%	7.1%	6.7%	5.5%	4.1%	2.8%
900	3.07	33.6%	25.9%	20.3%	16.1%	12.7%	10.0%	7.9%	6.1%	5.7%	4.5%	3.1%	1.9%
1,000	3.42	31.9%	24.4%	19.0%	14.9%	11.6%	9.0%	7.0%	5.2%	4.8%	3.7%	2.3%	1.1%
1,015	3.47	31.7%	24.2%	18.8%	14.7%	11.5%	8.9%	6.8%	5.1%	**4.7%**	3.6%	2.2%	1.0%
1,200	4.1	29.4%	22.2%	17.0%	13.0%	9.9%	7.5%	5.6%	3.9%	3.5%	2.4%	1.1%	0.0%
1,500	5.12	26.8%	19.8%	14.8%	11.1%	8.3%	6.0%	4.1%	2.5%	2.1%	1.1%	-0.2%	-1.2%
2,000	6.83	24.0%	17.3%	12.6%	9.2%	6.6%	4.4%	2.6%	1.0%	0.7%	-0.3%	-1.5%	-2.5%
2,500	8.54	22.2%	15.8%	11.3%	8.1%	5.5%	3.4%	1.6%	0.1%	-0.2%	-1.2%	-2.3%	-3.3%
3,000	10.2	21.0%	14.8%	10.5%	7.3%	4.7%	2.7%	1.0%	-0.5%	-0.8%	-1.8%	-2.8%	-3.8%
3,500	12	20.2%	14.0%	9.8%	6.7%	4.2%	2.2%	0.5%	-1.0%	-1.2%	-2.2%	-3.2%	-4.2%
4,000	13.7	19.5%	13.5%	9.4%	6.3%	3.8%	1.8%	0.1%	-1.3%	-1.6%	-2.5%	-3.5%	-4.4%

Delmarva Power Light - Delaware
Bill Impact Analysis
Residential Heating Service Classification

Summer Usage (kWh)	PLC (kW)	Winter Usage (as a percentage of Average Summer Usage) (kWh)										
		0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0	0	-	-	-	-	-	-	-	-	-	-	-
25	0.09	-	3	5	8	10	13	15	18	20	23	25
50	0.19	-	5	10	15	20	25	30	35	40	45	50
75	0.28	-	8	15	23	30	38	45	53	60	68	75
100	0.37	-	10	20	30	40	50	60	70	80	90	100
150	0.56	-	15	30	45	60	75	90	105	120	135	150
200	0.74	-	20	40	60	80	100	120	140	160	180	200
250	0.93	-	25	50	75	100	125	150	175	200	225	250
300	1.12	-	30	60	90	120	150	180	210	240	270	300
350	1.3	-	35	70	105	140	175	210	245	280	315	350
400	1.49	-	40	80	120	160	200	240	280	320	360	400
450	1.67	-	45	90	135	180	225	270	315	360	405	450
500	1.86	-	50	100	150	200	250	300	350	400	450	500
600	2.23	-	60	120	180	240	300	360	420	480	540	600
700	2.6	-	70	140	210	280	350	420	490	560	630	700
750	2.79	-	75	150	225	300	375	450	525	600	675	750
800	2.97	-	80	160	240	320	400	480	560	640	720	800
900	3.35	-	90	180	270	360	450	540	630	720	810	900
1,000	3.72	-	100	200	300	400	500	600	700	800	900	1,000
1,200	4.46	-	120	240	360	480	600	720	840	960	1,080	1,200
1,500	5.58	-	150	300	450	600	750	900	1,050	1,200	1,350	1,500
2,000	7.44	-	200	400	600	800	1,000	1,200	1,400	1,600	1,800	2,000
2,500	9.29	-	250	500	750	1,000	1,250	1,500	1,750	2,000	2,250	2,500
3,000	11.2	-	300	600	900	1,200	1,500	1,800	2,100	2,400	2,700	3,000
3,500	13	-	350	700	1,050	1,400	1,750	2,100	2,450	2,800	3,150	3,500
4,000	14.9	-	400	800	1,200	1,600	2,000	2,400	2,800	3,200	3,600	4,000

Delmarva Power Light - Delaware
Bill Impact Analysis
Residential Heating Service Classification

Annual Average Monthly Bill (Existing Rates)

Summer Usage (kWh)	PLC (kW)	Winter Usage (as a percentage of Average Summer Usage) -------->> 0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0	0	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36	$ 7.36
25	0.09	$ 8.58	$ 8.86	$ 9.13	$ 9.40	$ 9.67	$ 9.95	$ 10.22	$ 10.49	$ 10.76	$ 11.03	$ 11.31
50	0.19	$ 9.81	$ 10.35	$ 10.90	$ 11.44	$ 11.99	$ 12.53	$ 13.08	$ 13.62	$ 14.17	$ 14.71	$ 15.25
75	0.28	$ 11.03	$ 11.85	$ 12.66	$ 13.48	$ 14.30	$ 15.12	$ 15.93	$ 16.75	$ 17.57	$ 18.38	$ 19.20
100	0.37	$ 12.25	$ 13.34	$ 14.43	$ 15.52	$ 16.61	$ 17.70	$ 18.79	$ 19.88	$ 20.97	$ 22.06	$ 23.15
150	0.56	$ 14.70	$ 16.34	$ 17.97	$ 19.60	$ 21.24	$ 22.87	$ 24.51	$ 26.14	$ 27.78	$ 29.41	$ 31.04
200	0.74	$ 17.15	$ 19.33	$ 21.51	$ 23.69	$ 25.86	$ 28.04	$ 30.22	$ 32.40	$ 34.58	$ 36.76	$ 38.94
250	0.93	$ 19.60	$ 22.32	$ 25.04	$ 27.77	$ 30.49	$ 33.21	$ 35.94	$ 38.66	$ 41.39	$ 44.11	$ 46.83
300	1.12	$ 22.04	$ 25.31	$ 28.58	$ 31.85	$ 35.12	$ 38.39	$ 41.65	$ 44.92	$ 48.19	$ 51.46	$ 54.73
350	1.3	$ 24.49	$ 28.30	$ 32.12	$ 35.93	$ 39.74	$ 43.56	$ 47.37	$ 51.18	$ 55.00	$ 58.81	$ 62.62
400	1.49	$ 26.94	$ 31.30	$ 35.65	$ 40.01	$ 44.37	$ 48.73	$ 53.09	$ 57.44	$ 61.80	$ 66.16	$ 70.52
450	1.67	$ 29.38	$ 34.29	$ 39.19	$ 44.09	$ 49.00	$ 53.90	$ 58.80	$ 63.70	$ 68.61	$ 73.51	$ 78.41
500	1.86	$ 31.83	$ 37.28	$ 42.73	$ 48.17	$ 53.62	$ 59.07	$ 64.52	$ 69.96	$ 75.41	$ 80.86	$ 86.31
600	2.23	$ 36.73	$ 43.26	$ 49.80	$ 56.34	$ 62.87	$ 69.41	$ 75.95	$ 82.49	$ 89.02	$ 93.58	$ 97.14
700	2.6	$ 41.62	$ 49.25	$ 56.87	$ 64.50	$ 72.13	$ 79.75	$ 87.38	$ 95.01	$ 99.66	$ 103.82	$ 107.98
750	2.79	$ 44.07	$ 52.24	$ 60.41	$ 68.58	$ 76.75	$ 84.92	$ 93.10	$ 100.03	$ 104.48	$ 108.94	$ 113.40
800	2.97	$ 46.51	$ 55.23	$ 63.95	$ 72.66	$ 81.38	$ 90.09	$ 98.81	$ 104.55	$ 109.31	$ 114.06	$ 118.81
900	3.35	$ 51.41	$ 61.21	$ 71.02	$ 80.83	$ 90.63	$ 100.44	$ 108.26	$ 113.61	$ 118.96	$ 124.30	$ 129.65
1,000	3.72	$ 56.30	$ 67.20	$ 78.09	$ 88.99	$ 99.88	$ 110.78	$ 116.72	$ 122.66	$ 128.60	$ 134.54	$ 140.49
1,200	4.46	$ 66.09	$ 79.17	$ 92.24	$ 105.31	$ 118.39	$ 126.51	$ 133.64	$ 140.77	$ 147.90	$ 155.03	$ 162.16
1,500	5.58	$ 80.77	$ 97.12	$ 113.46	$ 129.80	$ 141.19	$ 150.10	$ 159.01	$ 167.93	$ 176.84	$ 185.75	$ 194.66
2,000	7.44	$ 105.24	$ 127.04	$ 148.83	$ 165.66	$ 177.54	$ 189.43	$ 201.31	$ 213.19	$ 225.07	$ 236.96	$ 248.84
2,500	9.29	$ 129.72	$ 156.95	$ 184.19	$ 199.05	$ 213.90	$ 228.75	$ 243.60	$ 258.46	$ 273.31	$ 288.16	$ 303.02
3,000	11.2	$ 154.19	$ 186.87	$ 214.60	$ 232.43	$ 250.25	$ 268.08	$ 285.90	$ 303.72	$ 321.55	$ 339.37	$ 357.20
3,500	13	$ 178.66	$ 216.79	$ 245.02	$ 265.81	$ 286.61	$ 307.40	$ 328.19	$ 348.99	$ 369.78	$ 390.58	$ 411.37
4,000	14.9	$ 203.13	$ 246.71	$ 275.43	$ 299.19	$ 322.96	$ 346.72	$ 370.49	$ 394.25	$ 418.02	$ 441.78	$ 465.55

Delmarva Power Light - Delaware
Bill Impact Analysis
Residential Heating Service Classification

Annual Average Monthly Bill (Proposed Rates)

Summer Usage (kWh)	PLC (kW)	Winter Usage (as a percentage of Average Summer Usage) -------->> 0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0	0	$ 19.13	$ 19.13	$ 19.13	$ 19.13	$ 19.13	$ 19.13	$ 19.13	$ 19.13	$ 19.13	$ 19.13	$ 19.13
25	0.09	$ 20.67	$ 20.91	$ 21.15	$ 21.40	$ 21.64	$ 21.88	$ 22.12	$ 22.36	$ 22.61	$ 22.85	$ 23.09
50	0.19	$ 22.26	$ 22.74	$ 23.23	$ 23.71	$ 24.19	$ 24.68	$ 25.16	$ 25.65	$ 26.13	$ 26.62	$ 27.10
75	0.28	$ 23.79	$ 24.52	$ 25.25	$ 25.97	$ 26.70	$ 27.43	$ 28.15	$ 28.88	$ 29.61	$ 30.33	$ 31.06
100	0.37	$ 25.33	$ 26.30	$ 27.27	$ 28.24	$ 29.20	$ 30.17	$ 31.14	$ 32.11	$ 33.08	$ 34.05	$ 35.02
150	0.56	$ 28.45	$ 29.91	$ 31.36	$ 32.81	$ 34.27	$ 35.72	$ 37.17	$ 38.63	$ 40.08	$ 41.53	$ 42.99
200	0.74	$ 31.52	$ 33.46	$ 35.40	$ 37.34	$ 39.28	$ 41.22	$ 43.15	$ 45.09	$ 47.03	$ 48.97	$ 50.91
250	0.93	$ 34.65	$ 37.07	$ 39.49	$ 41.92	$ 44.34	$ 46.76	$ 49.18	$ 51.61	$ 54.03	$ 56.45	$ 58.88
300	1.12	$ 37.77	$ 40.68	$ 43.59	$ 46.49	$ 49.40	$ 52.31	$ 55.22	$ 58.12	$ 61.03	$ 63.94	$ 66.84
350	1.3	$ 40.84	$ 44.24	$ 47.63	$ 51.02	$ 54.41	$ 57.80	$ 61.20	$ 64.59	$ 67.98	$ 71.37	$ 74.76
400	1.49	$ 43.97	$ 47.84	$ 51.72	$ 55.60	$ 59.47	$ 63.35	$ 67.23	$ 71.10	$ 74.98	$ 78.86	$ 82.73
450	1.67	$ 47.04	$ 51.40	$ 55.76	$ 60.12	$ 64.48	$ 68.84	$ 73.21	$ 77.57	$ 81.93	$ 86.29	$ 90.65
500	1.86	$ 50.16	$ 55.01	$ 59.85	$ 64.70	$ 69.55	$ 74.39	$ 79.24	$ 84.08	$ 88.93	$ 93.77	$ 98.62
600	2.23	$ 56.36	$ 62.17	$ 67.99	$ 73.80	$ 79.62	$ 85.43	$ 91.25	$ 97.06	$ 102.88	$ 106.71	$ 109.55
700	2.6	$ 62.56	$ 69.34	$ 76.12	$ 82.91	$ 89.69	$ 96.47	$ 103.26	$ 110.04	$ 113.85	$ 117.17	$ 120.48
750	2.79	$ 65.68	$ 72.95	$ 80.22	$ 87.48	$ 94.75	$ 102.02	$ 109.29	$ 115.32	$ 118.87	$ 122.42	$ 125.98
800	2.97	$ 68.75	$ 76.50	$ 84.26	$ 92.01	$ 99.76	$ 107.52	$ 115.27	$ 120.05	$ 123.84	$ 127.63	$ 131.42
900	3.35	$ 75.00	$ 83.72	$ 92.44	$ 101.17	$ 109.89	$ 118.61	$ 125.35	$ 129.61	$ 133.88	$ 138.14	$ 142.40
1,000	3.72	$ 81.20	$ 90.89	$ 100.58	$ 110.27	$ 119.96	$ 129.65	$ 134.39	$ 139.12	$ 143.86	$ 148.60	$ 153.33
1,200	4.46	$ 93.59	$ 105.22	$ 116.85	$ 128.47	$ 140.10	$ 146.78	$ 152.46	$ 158.15	$ 163.83	$ 169.52	$ 175.20
1,500	5.58	$ 112.23	$ 126.76	$ 141.30	$ 155.84	$ 165.42	$ 172.52	$ 179.63	$ 186.73	$ 193.84	$ 200.95	$ 208.05
2,000	7.44	$ 143.26	$ 162.64	$ 182.02	$ 196.45	$ 205.92	$ 215.40	$ 224.87	$ 234.35	$ 243.82	$ 253.29	$ 262.77
2,500	9.29	$ 174.24	$ 198.47	$ 222.69	$ 234.54	$ 246.38	$ 258.22	$ 270.06	$ 281.90	$ 293.75	$ 305.59	$ 317.43
3,000	11.2	$ 205.27	$ 234.34	$ 258.46	$ 272.67	$ 286.88	$ 301.09	$ 315.30	$ 329.52	$ 343.73	$ 357.94	$ 372.15
3,500	13	$ 236.30	$ 270.22	$ 294.23	$ 310.81	$ 327.39	$ 343.97	$ 360.55	$ 377.13	$ 393.70	$ 410.28	$ 426.86
4,000	14.9	$ 267.33	$ 306.10	$ 330.00	$ 348.95	$ 367.89	$ 386.84	$ 405.79	$ 424.74	$ 443.68	$ 462.63	$ 481.58

Delmarva Power Light - Delaware
Bill Impact Analysis
Residential Heating Service Classification

Annual Average Monthly Bill Impact ($)

Summer Usage (kWh)	PLC (kW)	Winter Usage (as a percentage of Average Summer Usage) ------->> 0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0	0	$ 11.77	$ 11.77	$ 11.77	$ 11.77	$ 11.77	$ 11.77	$ 11.77	$ 11.77	$ 11.77	$ 11.77	$ 11.77
25	0.09	$ 12.09	$ 12.05	$ 12.02	$ 11.99	$ 11.96	$ 11.93	$ 11.90	$ 11.87	$ 11.84	$ 11.81	$ 11.78
50	0.19	$ 12.45	$ 12.39	$ 12.33	$ 12.27	$ 12.21	$ 12.15	$ 12.09	$ 12.03	$ 11.97	$ 11.91	$ 11.85
75	0.28	$ 12.76	$ 12.67	$ 12.58	$ 12.49	$ 12.40	$ 12.31	$ 12.22	$ 12.13	$ 12.04	$ 11.95	$ 11.86
100	0.37	$ 13.07	$ 12.95	$ 12.83	$ 12.71	$ 12.59	$ 12.47	$ 12.35	$ 12.23	$ 12.11	$ 11.99	$ 11.87
150	0.56	$ 13.75	$ 13.57	$ 13.39	$ 13.21	$ 13.03	$ 12.85	$ 12.67	$ 12.49	$ 12.31	$ 12.12	$ 11.94
200	0.74	$ 14.38	$ 14.14	$ 13.89	$ 13.65	$ 13.41	$ 13.17	$ 12.93	$ 12.69	$ 12.45	$ 12.21	$ 11.97
250	0.93	$ 15.05	$ 14.75	$ 14.45	$ 14.15	$ 13.85	$ 13.55	$ 13.25	$ 12.94	$ 12.64	$ 12.34	$ 12.04
300	1.12	$ 15.73	$ 15.37	$ 15.01	$ 14.65	$ 14.28	$ 13.92	$ 13.56	$ 13.20	$ 12.84	$ 12.48	$ 12.12
350	1.3	$ 16.35	$ 15.93	$ 15.51	$ 15.09	$ 14.67	$ 14.25	$ 13.83	$ 13.40	$ 12.98	$ 12.56	$ 12.14
400	1.49	$ 17.03	$ 16.55	$ 16.07	$ 15.59	$ 15.10	$ 14.62	$ 14.14	$ 13.66	$ 13.18	$ 12.70	$ 12.21
450	1.67	$ 17.66	$ 17.11	$ 16.57	$ 16.03	$ 15.49	$ 14.95	$ 14.40	$ 13.86	$ 13.32	$ 12.78	$ 12.24
500	1.86	$ 18.33	$ 17.73	$ 17.13	$ 16.53	$ 15.92	$ 15.32	$ 14.72	$ 14.12	$ 13.52	$ 12.91	$ 12.31
600	2.23	$ 19.63	$ 18.91	$ 18.19	$ 17.47	$ 16.74	$ 16.02	$ 15.30	$ 14.58	$ 13.85	$ 13.13	$ 12.41
700	2.6	$ 20.94	$ 20.09	$ 19.25	$ 18.41	$ 17.56	$ 16.72	$ 15.88	$ 15.03	$ 14.19	$ 13.35	$ 12.51
750	2.79	$ 21.61	$ 20.71	$ 19.81	$ 18.90	$ 18.00	$ 17.10	$ 16.19	$ 15.29	$ 14.39	$ 13.48	$ 12.58
800	2.97	$ 22.24	$ 21.27	$ 20.31	$ 19.35	$ 18.38	$ 17.42	$ 16.46	$ 15.49	$ 14.53	$ 13.57	$ 12.60
900	3.35	$ 23.59	$ 22.51	$ 21.42	$ 20.34	$ 19.26	$ 18.17	$ 17.09	$ 16.00	$ 14.92	$ 13.84	$ 12.75
1,000	3.72	$ 24.89	$ 23.69	$ 22.48	$ 21.28	$ 20.08	$ 18.87	$ 17.67	$ 16.46	$ 15.26	$ 14.05	$ 12.85
1,200	4.46	$ 27.50	$ 26.05	$ 24.61	$ 23.16	$ 21.72	$ 20.27	$ 18.83	$ 17.38	$ 15.93	$ 14.49	$ 13.04
1,500	5.58	$ 31.45	$ 29.65	$ 27.84	$ 26.03	$ 24.23	$ 22.42	$ 20.61	$ 18.81	$ 17.00	$ 15.19	$ 13.39
2,000	7.44	$ 38.01	$ 35.61	$ 33.20	$ 30.79	$ 28.38	$ 25.97	$ 23.56	$ 21.15	$ 18.74	$ 16.34	$ 13.93
2,500	9.29	$ 44.52	$ 41.51	$ 38.50	$ 35.49	$ 32.48	$ 29.47	$ 26.46	$ 23.45	$ 20.44	$ 17.42	$ 14.41
3,000	11.2	$ 51.08	$ 47.47	$ 43.86	$ 40.24	$ 36.63	$ 33.02	$ 29.40	$ 25.79	$ 22.18	$ 18.57	$ 14.95
3,500	13	$ 57.64	$ 53.43	$ 49.21	$ 45.00	$ 40.78	$ 36.57	$ 32.35	$ 28.14	$ 23.92	$ 19.71	$ 15.49
4,000	14.9	$ 64.20	$ 59.39	$ 54.57	$ 49.75	$ 44.93	$ 40.12	$ 35.30	$ 30.48	$ 25.66	$ 20.85	$ 16.03

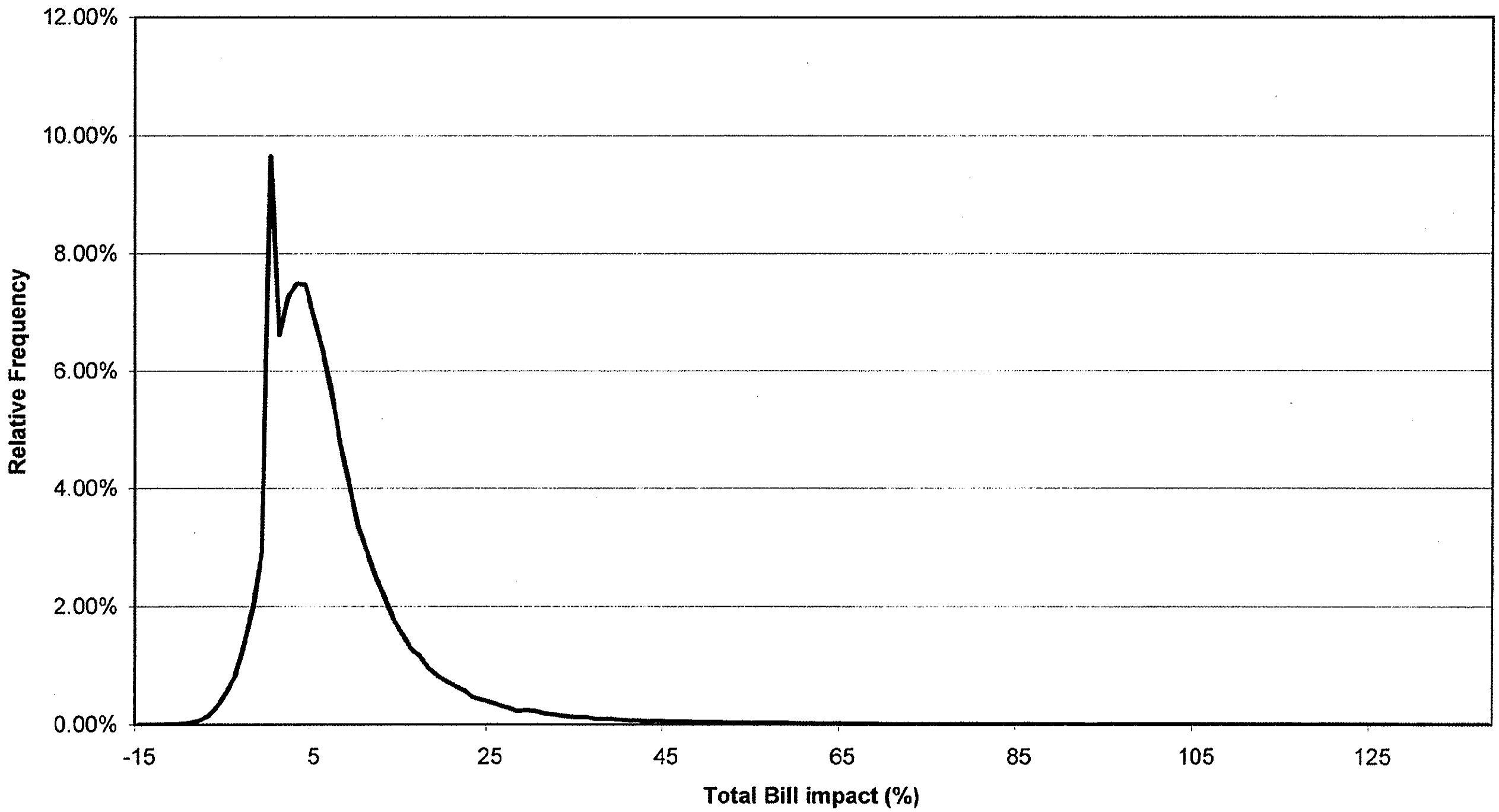
Delmarva Power Light - Delaware
Bill Impact Analysis
Residential Heating Service Classification

Annual Average Monthly Bill Impact (%)

Summer Usage (kWh)	PLC (kW)	Winter Usage (as a percentage of Average Summer Usage) ------->> 0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
0	0	160.0%	160.0%	160.0%	160.0%	160.0%	160.0%	160.0%	160.0%	160.0%	160.0%	160.0%
25	0.09	140.8%	136.1%	131.7%	127.6%	123.7%	120.0%	116.5%	113.2%	110.0%	107.1%	104.2%
50	0.19	126.9%	119.7%	113.1%	107.2%	101.9%	96.9%	92.4%	88.3%	84.5%	80.9%	77.7%
75	0.28	115.7%	107.0%	99.3%	92.6%	86.7%	81.4%	76.7%	72.4%	68.5%	65.0%	61.8%
100	0.37	106.7%	97.1%	88.9%	81.9%	75.8%	70.5%	65.7%	61.5%	57.8%	54.4%	51.3%
150	0.56	93.5%	83.1%	74.5%	67.4%	61.3%	56.2%	51.7%	47.8%	44.3%	41.2%	38.5%
200	0.74	83.8%	73.1%	64.6%	57.6%	51.9%	47.0%	42.8%	39.2%	36.0%	33.2%	30.7%
250	0.93	76.8%	66.1%	57.7%	51.0%	45.4%	40.8%	36.9%	33.5%	30.6%	28.0%	25.7%
300	1.12	71.4%	60.7%	52.5%	46.0%	40.7%	36.3%	32.6%	29.4%	26.6%	24.2%	22.1%
350	1.3	66.8%	56.3%	48.3%	42.0%	36.9%	32.7%	29.2%	26.2%	23.6%	21.4%	19.4%
400	1.49	63.2%	52.9%	45.1%	39.0%	34.0%	30.0%	26.6%	23.8%	21.3%	19.2%	17.3%
450	1.67	60.1%	49.9%	42.3%	36.4%	31.6%	27.7%	24.5%	21.8%	19.4%	17.4%	15.6%
500	1.86	57.6%	47.6%	40.1%	34.3%	29.7%	25.9%	22.8%	20.2%	17.9%	16.0%	14.3%
600	2.23	53.5%	43.7%	36.5%	31.0%	26.6%	23.1%	20.1%	17.7%	15.6%	14.0%	12.8%
700	2.6	50.3%	40.8%	33.8%	28.5%	24.4%	21.0%	18.2%	15.8%	14.2%	12.9%	11.6%
750	2.79	49.0%	39.6%	32.8%	27.6%	23.5%	20.1%	17.4%	15.3%	13.8%	12.4%	11.1%
800	2.97	47.8%	38.5%	31.8%	26.6%	22.6%	19.3%	16.7%	14.8%	13.3%	11.9%	10.6%
900	3.35	45.9%	36.8%	30.2%	25.2%	21.2%	18.1%	15.8%	14.1%	12.5%	11.1%	9.8%
1,000	3.72	44.2%	35.3%	28.8%	23.9%	20.1%	17.0%	15.1%	13.4%	11.9%	10.4%	9.1%
1,200	4.46	41.6%	32.9%	26.7%	22.0%	18.3%	16.0%	14.1%	12.3%	10.8%	9.3%	8.0%
1,500	5.58	38.9%	30.5%	24.5%	20.1%	17.2%	14.9%	13.0%	11.2%	9.6%	8.2%	6.9%
2,000	7.44	36.1%	28.0%	22.3%	18.6%	16.0%	13.7%	11.7%	9.9%	8.3%	6.9%	5.6%
2,500	9.29	34.3%	26.4%	20.9%	17.8%	15.2%	12.9%	10.9%	9.1%	7.5%	6.0%	4.8%
3,000	11.2	33.1%	25.4%	20.4%	17.3%	14.6%	12.3%	10.3%	8.5%	6.9%	5.5%	4.2%
3,500	13	32.3%	24.6%	20.1%	16.9%	14.2%	11.9%	9.9%	8.1%	6.5%	5.0%	3.8%
4,000	14.9	31.6%	24.1%	19.8%	16.6%	13.9%	11.6%	9.5%	7.7%	6.1%	4.7%	3.4%

delmarva power
A PHI Company

DPL Delaware
Residential Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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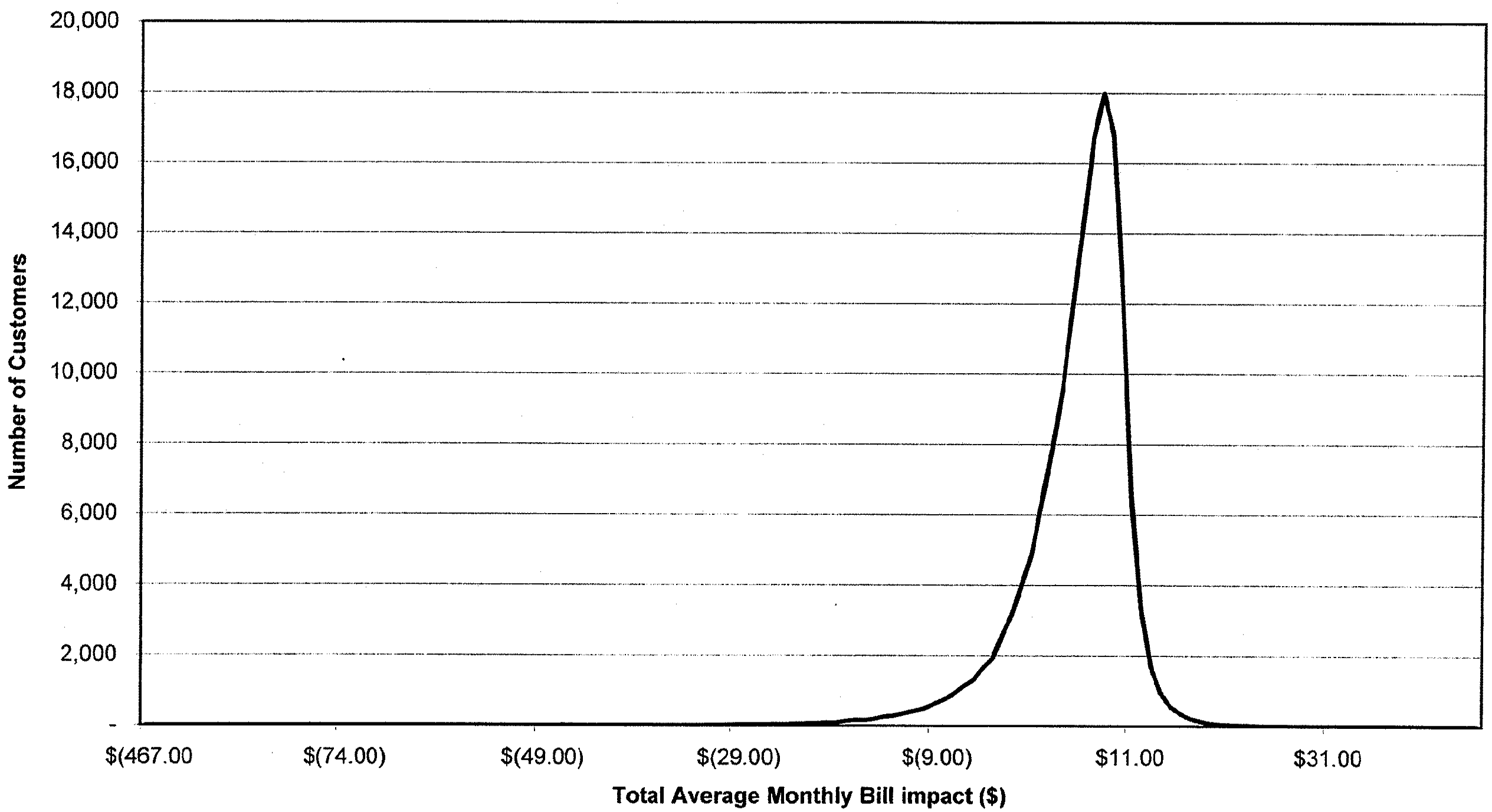
Residential Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
Residential Bill Impact

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers		Avg Monthly Bill Impact	Avg Summer Use Per Customer	Avg Winter Use Per Customer	Avg Annual Use Per Customer	Summer/ Winter Usage Ratio
<-10%	0.02%	36	$	(85.23)	4,190	5,119	4,809	0.82
-6% to -10%	0.58%	888	$	(22.00)	1,371	2,579	2,176	0.53
-5% to -6%	0.55%	841	$	(15.10)	1,467	2,200	1,956	0.67
-4% to -5%	0.82%	1,263	$	(12.08)	1,592	2,066	1,908	0.77
-3% to -4%	1.34%	2,072	$	(8.83)	1,619	1,872	1,787	0.87
-2% to -3%	1.98%	3,054	$	(5.94)	1,652	1,705	1,687	0.97
-1% to -2%	2.93%	4,514	$	(3.34)	1,649	1,543	1,578	1.07
-1% to 1%	9.65%	14,891	$	0.11	1,580	1,306	1,398	1.21
1% to 2%	6.61%	10,202	$	2.71	1,477	1,105	1,229	1.34
2% to 3%	7.26%	11,200	$	4.09	1,378	979	1,112	1.41
3% to 4%	7.50%	11,566	$	5.29	1,305	880	1,022	1.48
4% to 5%	7.46%	11,519	$	6.23	1,213	785	928	1.54
5% to 6%	6.90%	10,640	$	7.00	1,127	704	845	1.60
6% to 7%	6.35%	9,797	$	7.59	1,040	632	768	1.65
7% to 8%	5.58%	8,610	$	8.08	964	571	702	1.69
8% to 9%	4.72%	7,289	$	8.45	891	517	642	1.72
9% to 10%	4.07%	6,276	$	8.73	820	472	588	1.74
>10%	25.69%	39,649	$	9.73	544	289	374	1.88

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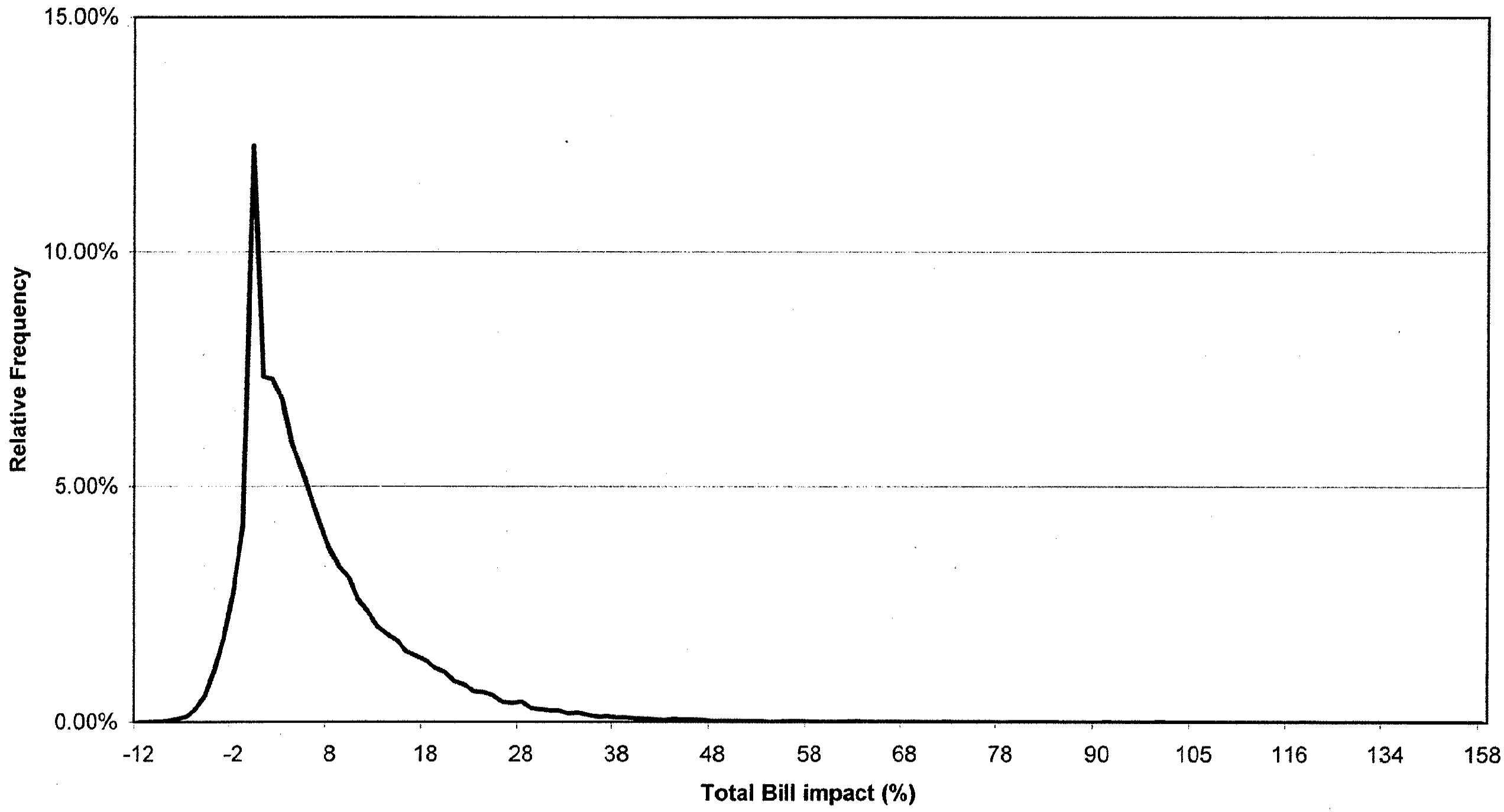
DPL Delaware
Residential Space Heating Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



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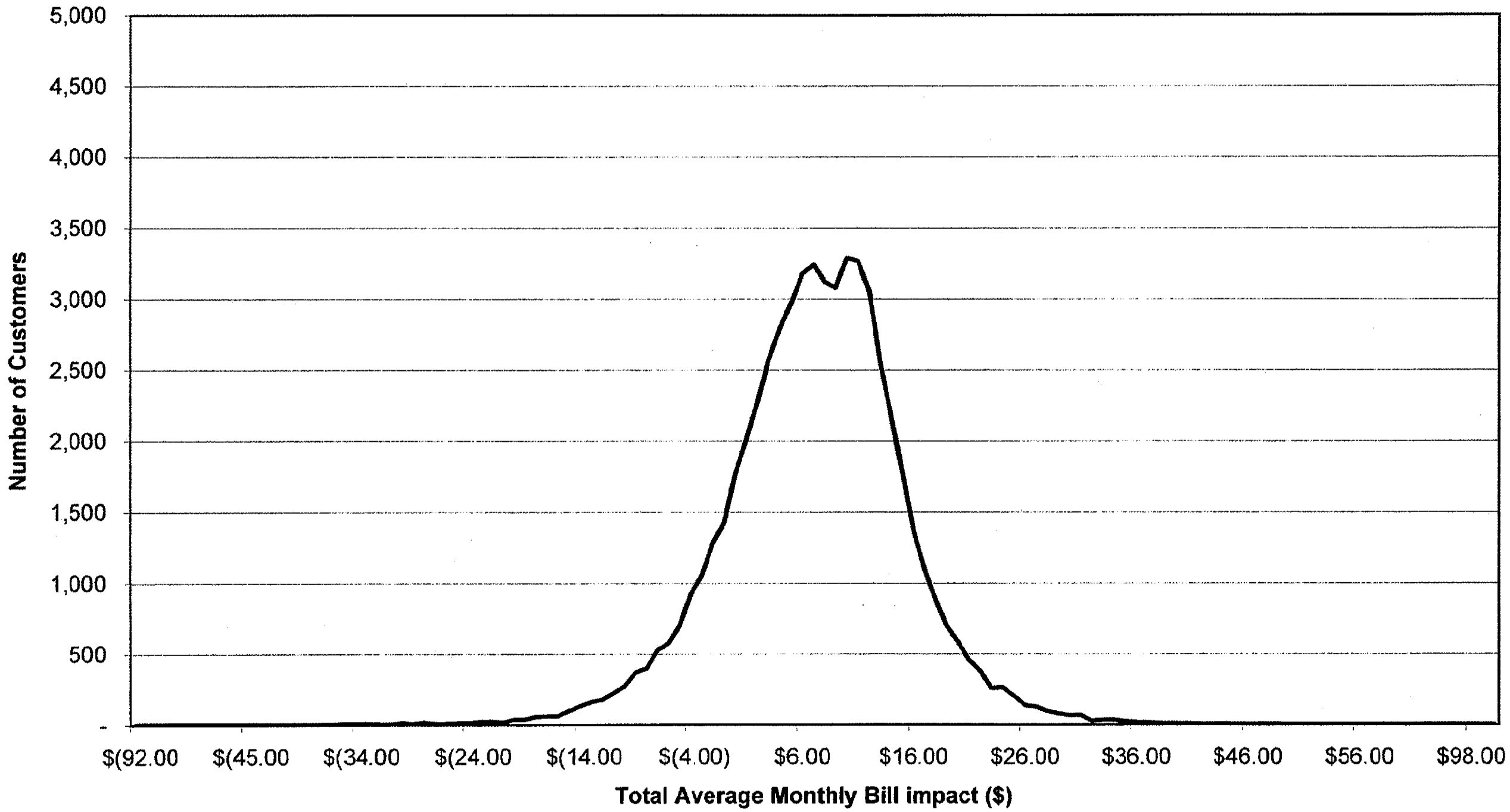
DPL Delaware
Residential Space Heating Service Classification
PLC Based Distribution Rate Design
Bill Impact Distribution



Delmarva Power & Light - Delaware
PLC Based Distribution Rate Design
Residential Space Heating Bill Impact

Range of Increase/Decrease (%)	Relative Frequency (%)	Number of Customers		Avg Monthly Bill Impact	Avg Summer Use Per Customer	Avg Winter Use Per Customer	Avg Annual Use Per Customer	Summer/ Winter Usage Ratio
<-10%	0.02%	11	$	(36.39)	1,088	4,184	3,152	0.26
-6% to -10%	0.47%	279	$	(21.37)	1,056	3,488	2,677	0.30
-5% to -6%	0.57%	333	$	(15.55)	1,215	3,146	2,502	0.39
-4% to -5%	1.12%	659	$	(12.35)	1,312	2,947	2,402	0.45
-3% to -4%	1.80%	1,060	$	(9.05)	1,305	2,707	2,240	0.48
-2% to -3%	2.80%	1,651	$	(6.29)	1,379	2,541	2,154	0.54
-1% to -2%	4.18%	2,463	$	(3.56)	1,384	2,328	2,014	0.59
-1% to 1%	12.27%	7,233	$	0.13	1,426	2,068	1,854	0.69
1% to 2%	7.34%	4,326	$	3.14	1,390	1,795	1,660	0.77
2% to 3%	7.29%	4,298	$	4.92	1,356	1,632	1,540	0.83
3% to 4%	6.88%	4,056	$	6.40	1,288	1,459	1,402	0.88
4% to 5%	5.93%	3,492	$	7.73	1,237	1,320	1,293	0.94
5% to 6%	5.39%	3,176	$	9.06	1,228	1,210	1,216	1.02
6% to 7%	4.78%	2,818	$	10.20	1,201	1,105	1,137	1.09
7% to 8%	4.19%	2,468	$	10.98	1,135	989	1,038	1.15
8% to 9%	3.67%	2,161	$	11.71	1,086	894	958	1.21
9% to 10%	3.28%	1,935	$	12.63	1,073	830	911	1.29
>10%	28.02%	16,513	$	14.88	789	459	569	1.72

DEFINITION OF TERMS (Continued)

Delivery Service Customer – A Customer who takes Delivery Service.

Demand – The rate of use of energy during a specified time interval, expressed in kilowatts.

Designee – Any adult person, partnership, association, corporation or other entity who is authorized by the Customer to receive their electric metered and billing data.

Distribution Demand Contribution ("DDC") - The level of a customer's electric demand, measured in kilowatts for the customer's premise, for purposes of establishing the distribution portion of the customer's bill when applied the Distribution Demand Charge. The DDC shall be equal to the customer's Peak Load Contribution (PLC) for Transmission in effect at the time that new distribution rates are filed by the Company in response to an Order approving distribution rates issued by the Delaware Public Service Commission. The DDC will remain fixed on a customer premise basis until changed as part of a distribution rate case. For a customer with a default PLC at the time that new DDC's are established, the DDC shall be equal to the default PLC until an actual PLC is determined. The DDC will then be adjusted accordingly to reflect the actual PLC.

Distribution Service Charge – A charge designed to recover the cost of those services related to the delivery of electricity to a Customer by the Company through the Company's Distribution Facilities.

Distribution Facilities – Electric facilities owned by the Company that operate at voltages of 34,500 volts or below and that are used to deliver electricity to Customers, up through and including the point of physical connection with electric facilities owned by the Customer.

Electric Supplier – A person, corporation, broker, marketer or entity other than the Company, certified by the Commission that sells electricity, to an electric retail Customer, utilizing the Transmission and/or Distribution Facilities of the Company.

Electric Supply & Delivery Service – The provision of electric distribution and other services provided by the Company to a Customer who buys all of its electric supply services (i.e., capacity, energy, transmission and ancillary) for an account from the Company. Electric Supply & Delivery Service includes Delivery Service, Transmission Service and Standard Offer Service or Hourly Priced Service and associated charges.

Electric Supply & Delivery Service Customer – A Customer who takes combined Electric Supply & Delivery Service.

Electric Supply Services – The provision of generation capacity and energy, transmission delivery, and ancillary services.

Environmental Incentive Fund and Charge – A fund established under 26 Del. C. §1014(a) and collected from every Customer based on energy usage which is used to fund environmental programs for conservation and energy efficiency within the Company's service territory.

Hourly Priced Service ("HPS") – The provision of electricity and related services to Customers by the Company. The Hourly Priced Service is a non-residential service for eligible customers and is designed to recover the current market cost of producing or procuring electricity for the Company's combined Electric Supply & Delivery Service Customers. The Hourly Priced Service charge includes the current market price for capacity, energy, ancillary services for the Company's service territory and all applicable taxes.

kW, kilowatt – 1,000 watts.