BEFORE THE PUBLIC SERVICE COMMISSION

OF THE STATE OF DELAWARE

IN THE MATTER OF THE APPLICATION OF DELMARVA POWER & LIGHT COMPANY FOR AN INCREASE IN ELECTRIC BASE RATES AND MISCELLANEOUS TARIFF CHANGES (FILED MARCH 22, 2013)	)))))	PSC DOCKET NO. 13-115

COPIES OF FOOTNOTE REFERENCES

IN FOOTNOTE NOS. 4, 5, 6, 7, 8, 11 AND 13

PSC DOCKET NO. 13-115
DELAWARE PUBLIC SERVICE COMMISSION STAFF
FOLLOW UP SET OF RELIABILITY DATA REQUESTS
TO DELMARVA POWER & LIGHT COMPANY

Question No.: PSC-REL-8

Please refer to AG-REL-3 Attachment A and Attachment B.

(a) Please explain what distinguishes a project that the company identifies as non-REP (Attachment B) versus REP (Attachment A).
(b) Please explain how the company's project identification, planning, selection, and budgeting processes differ for non-REP versus REP projects.
(c) Please explain whether any of the REP projects shown for (a) 2012 and (b) 2013 were required to maintain reliability at the levels as measured by Delaware SAIDI in the 2008-2011 time period
(d) If 2012 non-REP projects were completed in 2012 but the 2012 REP projects had been delayed for one year, what effect would it have had on the ability of the company to maintain system reliability for Delmarva Delaware customers at historical 2008-2011 SAIDI levels?
(e) Please explain how Delmarva priority-ranks the potential projects within each of the programs in the REP (e.g., priority feeds, URD).
(f) For each project on Attachment A and Attachment B, please provide a paragraph containing a more detailed description beyond the Short Description shown in the spreadsheets.

RESPONSE:

a. The REP is a way to combine the efforts into one program that discuss the commitment that the Company is making to continuously improve its reliability performance. The REP is an integral part of the Company's overall expansion-related efforts. REP work is identified based on the following work criteria. Priority Feeder Upgrades, Underground Residential Distribution Cable Upgrades (URD), Distribution Automation, Feeder Reliability Improvements, Conversions, Substation Reliability Improvements, Feeder Load Relief. Non-REP projects are comprised of all other work.

b. Reliability budget estimates are developed in the following manner:

1. Emergency work - the estimates are based on historical trends for similar activities.

2. Priority feeder and other Commission ordered activities - the budget is based on the amount of work ordered by the Commission and the average cost of performing the work.

3. Infrastructure replacement and upgrades – the budget is based on the level of activity projected to be performed over the five year period and either average historical costs or standard estimating units for each individual activity.

Throughout the year, if changes to the level of work are identified, these changes are discussed and approved at monthly budget coordination meeting. However, the budget is not modified.

c. All of Delmarva Power's reliability programs are designed to support the objective to maintain a minimum (and improve upon wherever possible) performance level of 295 minutes as measured by the System Average Interruption Duration Index (SAIDI) in accordance with paragraph 4.3 of the Electric Service Reliability and Quality Standards set forth in Regulation Docket No. 50.

d. Both REP and Non-REP projects can change from a timing and schedule standpoint. Delmarva maintains its performance and will complete all work necessary to maintain system reliability. The ability to maintain system reliability is dependent on the total work performed and not any one project. Therefore, an analysis that looks at the impact of delaying an individual project has not been performed.

   Each of these categories is managed by distinct groups that plan and schedule their work to meet the timeline established when the budget was developed. For example, a project that is necessary to be in service prior to the beginning of the warm weather season will be engineered in a way that will allow sufficient time to be constructed prior to July 1. Vegetation management is planned to inspect and trim the overhead system on a two year schedule. Therefore each year half of the system is trimmed. Load growth is planned by the System planning group. They base their plans on historical load growth and prospective new growth within each substation geographic area. Feeder improvements and URD cable replacement are based on historical reliability performance of individual feeders and, like priority feeders, they are inspected and corrective actions identified. Distribution automation plans are developed based on historical reliability performance within an area and identification of feeder groups that can be combined to form an automation plan for load transfers.

e. The priorities for performing each project are based on available resources to design the projects, coordination with other projects that have fixed completion dates and permitting requirements. These projects are scheduled to be performed during the year and schedules can change to accommodate other projects that need to be completed by specific dates, such as customer connections or load projects needed prior to high load periods.

f. See PSC-REL-8 Attachments A and B.

Respondent: Michael W. Maxwell

PSC DOCKET NO. 13-115
ATTORNEY GENERAL OF THE STATE OF DELAWARE
FIRST SET OF RELIABILITY DATA REQUESTS
TO DELMARVA POWER & LIGHT COMPANY

Question No.: AG-REL-19

Provide all studies, analyses, evaluations, assessments, reports, and documents prepared by or on behalf of the Company during the last five years for the purpose of evaluating the Company's reliability performance. Provide all supporting workpapers and source documents in electronic form, with all spreadsheet links and formulas intact, source data used, and explain all assumptions and calculations used. To the extent the data requested is not available in the form requested, provide the information in the form that most closely matches what has been requested.

RESPONSE:

Please see the attachments:

Attachment A – 2008 Performance Metrics and Report

Attachment B – 2009 Performance Metrics and Report

Attachment C – 2010 Performance Metrics and Report

Attachment D – 2011 Performance Metrics and Report

Attachment E – 2012 Performance Metrics and Report

Respondent: Michael W. Maxwell

Asset Management

Asset Performance & Reliability

December 2012 Performance Metrics and Report

January 25, 2012

Jurisdictional Reliability Performances (Current Year vs. Last Year) - By Mandated Jurisdictional Exclusive Criteria - Jurisdictional View

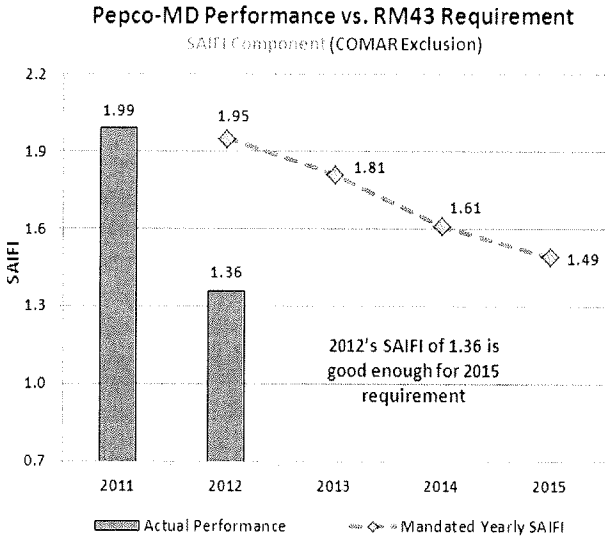
Jurisdiction	SAIFI Performance & Requirement									SAIDI (or CAIDI *) Performance & Requirement								
	2011		2012		2012 vs 2011		2012 Target			2011		2012		2012 vs 2011		2012 Target		
	Perf.	Rank	Perf.	Rank	Imp.	Rank	Mandate	Status	Rank	Perf.	Rank	Perf.	Rank	Imp.	Rank	Mandate	Status	Rank
ACE - New Jersey	1.76	3	1.45	4	-18%	4	1.71	-15%	3	110 *	n/a	107 *	n/a	-3%	5	144 *	-26%	3
Delmarva - Maryland	2.42	5	1.69	5	-30%	2	1.77	-4%	4	356	4	190	4	-47%	1	195	-3%	5
Pepco - Maryland	1.99	4	1.36	3	-32%	1	1.95	-30%	1	215	3	159	3	-26%	2	191	-17%	4
Delmarva - Delaware	1.41	2	1.14	2	-19%	3	n/a	n/a	n/a	192	2	146	1	-24%	3	295	-50%	1
Pepco - Dist of Columbia	1.19	1	1.01	1	-15%	5	1.21	-16%	2	168	1	155	2	-8%	4	242	-36%	2

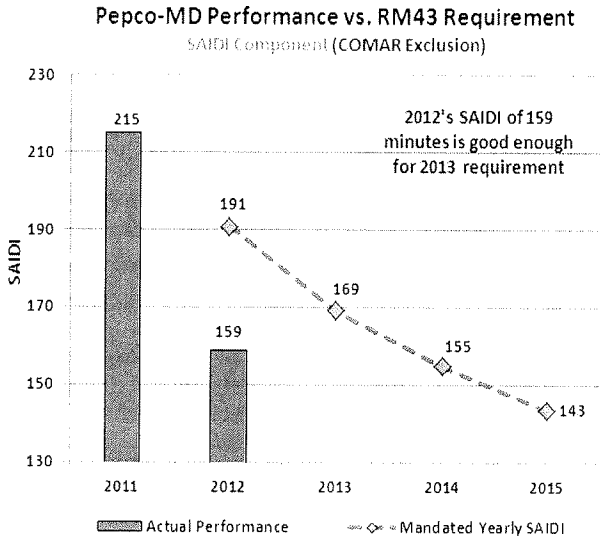
* CAIDI as the measuring Unit...

Several Other views on Jurisdictional Performances

Pepco-MD

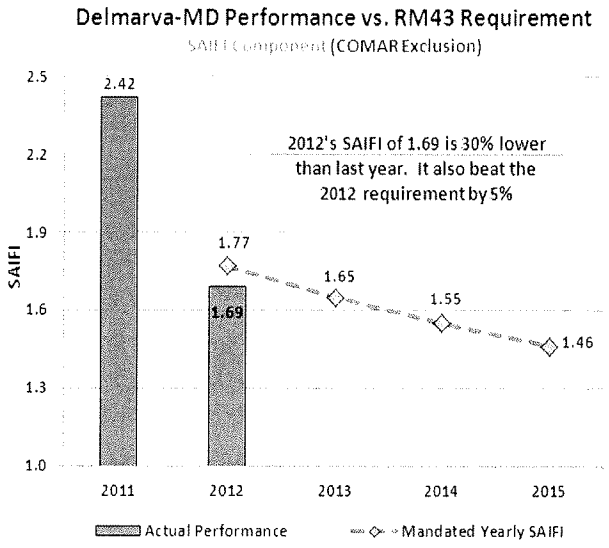
In Pepco-MD, SAIFI in 2012 is improved by an extremely large 0.63 or 32% over 2011. SAIDI is improved by 56 minutes or 26%. Pepco-MD's SAIFI in 2012 is actually good enough to be even in compliance to meet the tough RM43's SAIFI requirement 3 years down the road (Pepco-MD's RM43 SAIFI requirement in 2015 is 1.49). Also, if we keep the level of 2012 SAIDI performance and carry that into next year, it would still be incompliance next year (Pepco-MD's RM43 SAIDI requirement in 2013 is 169 minutes).

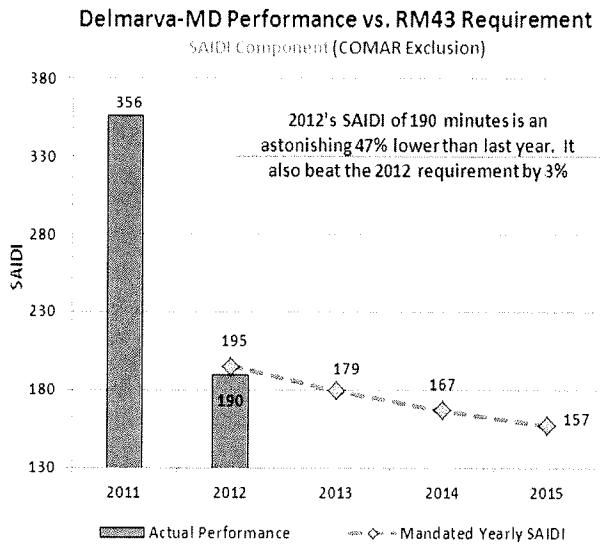




DPL-MD

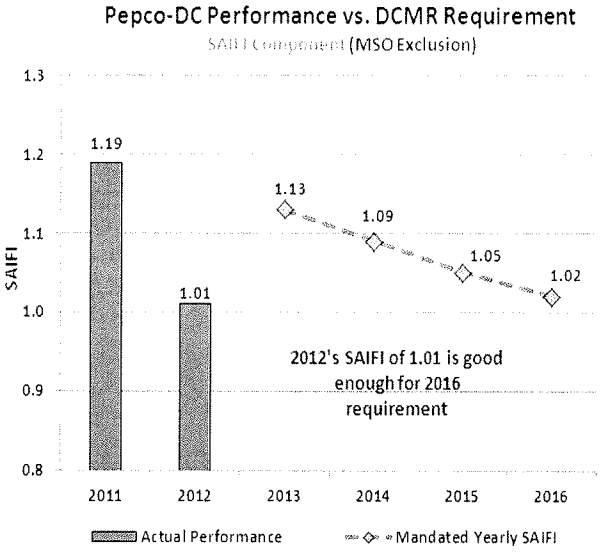
In DPL-MD, SAIFI in 2012 is improved by an even larger 0.73 or 30% over 2011. SAIDI is improved by an astonishing 166 minutes (close to 3 hours!) or 47%. Given the large gap last year, it has been a big achievement for DPL-MD to meet the RM43's 2012 SAIFI and SAIDI targets by comfortable margin. The prorated targets which are not addressed here was not meet for legitimate reasons (see page 24 for details). There are still enough challenges in future years; DPL-MD needs to continue to improve their performance in order to meet the coming yearly SAIFI and SAIDI Standards.

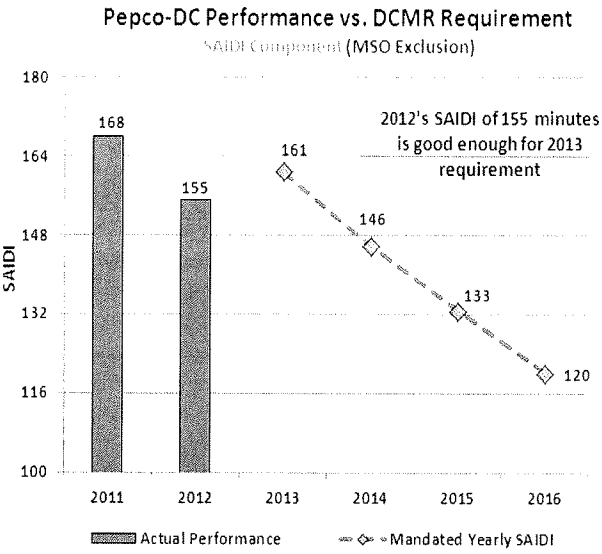




Pepco-DC

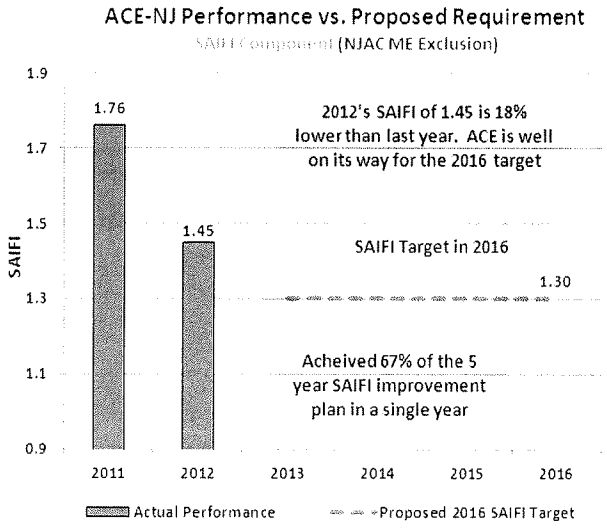
In Pepco-DC, SAIFI in 2012 is improved by 0.18 or 15% over 2011. SAIDI is improved by 13 minutes or 8%. Pepco-DC's SAIFI in 2012 is actually good enough to be even in compliance to meet the DCMR SAIFI requirement 4 years down the road (Pepco-DC's SAIFI requirement in 2016 is 1.02). Also, if we keep the level of 2012 SAIDI performance and carry that into next year, it would still be incompliance next year (Pepco-DC's SAIDI requirement in 2013 is 161 minutes).

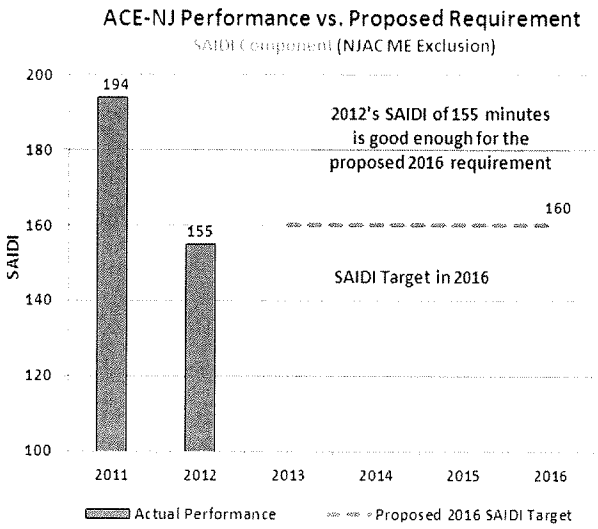




ACE-NJ

In ACE-NJ, SAIFI in 2012 is improved by a large 0.31 or 18% over 2011. SAIDI is improved by 39 minutes or 20%. ACE-NJ's proposed SAIFI target in 2016 is 1.30, with the current pace in progress, we are confident that ACE-NJ will meet the self-imposed SAIFI target sooner than 2016. ACE-NJ's proposed SAIDI target in 2016 is 160 minutes. ACE-NJ's SAIDI in 2012 is actually good enough to meet the 2016 targets already.





Area of Opportunities

Despite the outstanding progress made during 2012, we estimate PHI companies remain as 3rd quartile or 2nd Quartile status at best (which is a far cry from solid 4th quartile status in 2011 and prior years) among the utility industry based on the latest IEEE reliability performance survey. We have successfully crossed the first hurdle, but there are still many more challenges on the road if we are to pride ourselves among the industry performance leaders. The next step will be more difficult as we are certain to face some degree of diminishing return as most of the low hanging fruits were harvested already. Some of the areas, at least from statistic point of view, that appear easier to tackle are listed below.

- Feeder Lockouts still remain as an area of concern. It is the top SAIFI and SAIDI contributor at PHI (49% of the PHI SAIFI and 30% of PHI SAIDI were produced by feeder lockouts). Pepco has the most opportunity to improve on this front – 52% of their 2012 SAIFI and 34% of their 2012 SAIDI were caused by feeder lockouts).

- Top 20 SAIDI Days at each PHI Company at Storm Normalized Days – those top outage days while accounted for only 5.6% of the yearly available days, they nonetheless contribute to 27% of the PHI system SAIFI and an astonishing 42.5% the PHI system SAIDI (see page 6 for details). If we can more efficiently allocate our resources during those top SAIDI days, the system indices, particularly for SAIDI can be further reduced.

- Centreville and Northeast remain as the Least Reliable Area – Despite of the tremendous progress made during 2011, these two districts still ranked as the area with the highest SAIFI and SAIDI among the 12 districts in PHI since the tracking of reliability performances. Move them from the bottom tier in the near future should have a pleasant affect not only to PHI's overall reliability performance, but will certainly please the customers there.

- Outage caused by Equipment Failure – They are responsible for the most PHI system SAIFI and SAIDI, accounted for 28% in 2012 for both SAIFI and SAIDI. Pepco area seems to have the most severe equipment failure rate (33% compared to 27% at DPL and 21% at ACE). The most frequent equipment failure types during 2012 were cables at Pepco, Bay and New Castle, whereas ACE has cutouts as their most impacting equipment failure type.

PSC DOCKET NO. 13-115
DELAWARE PUBLIC SERVICE COMMISSION STAFF
INITIAL SET OF CONSTRUCTION PROGRAM DATA REQUESTS
TO DELMARVA POWER & LIGHT COMPANY

Question No. : PSC-CP-2

For the next five years provide the forecasted reliability indices identified above.

RESPONSE:

Delmarva has not performed reliability forecasting requested. See the attached Reliability Model, PSC-CP-2 Attachments A-C, and refer to the explanation in PSC-CP-3.

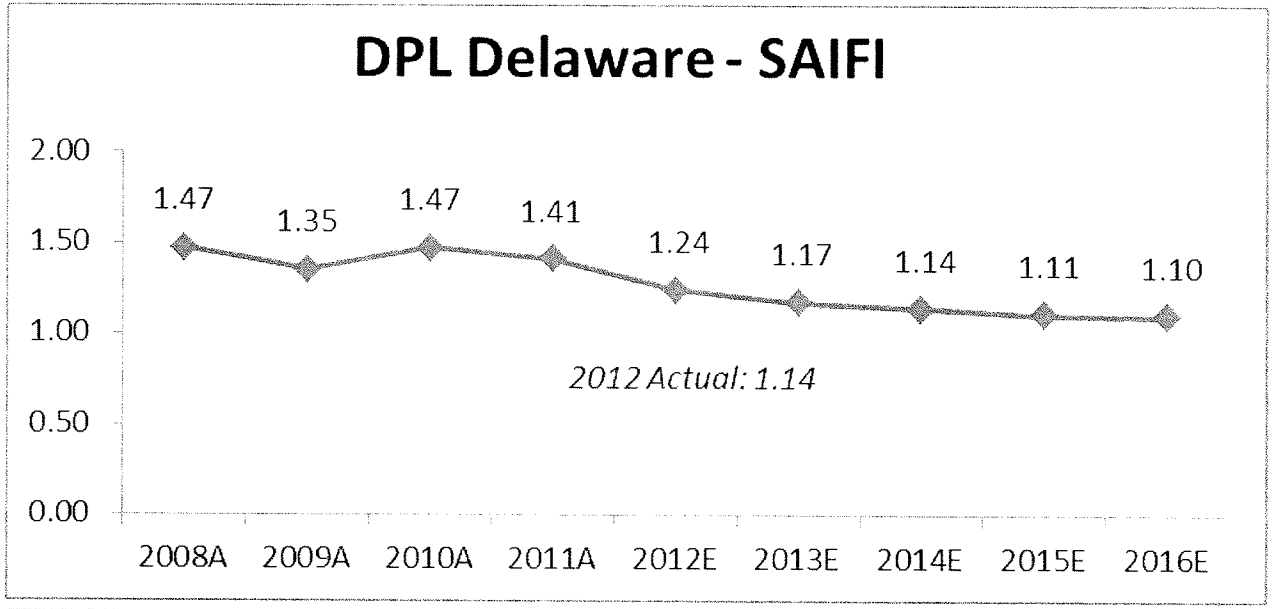
Respondent: Michael W. Maxwell

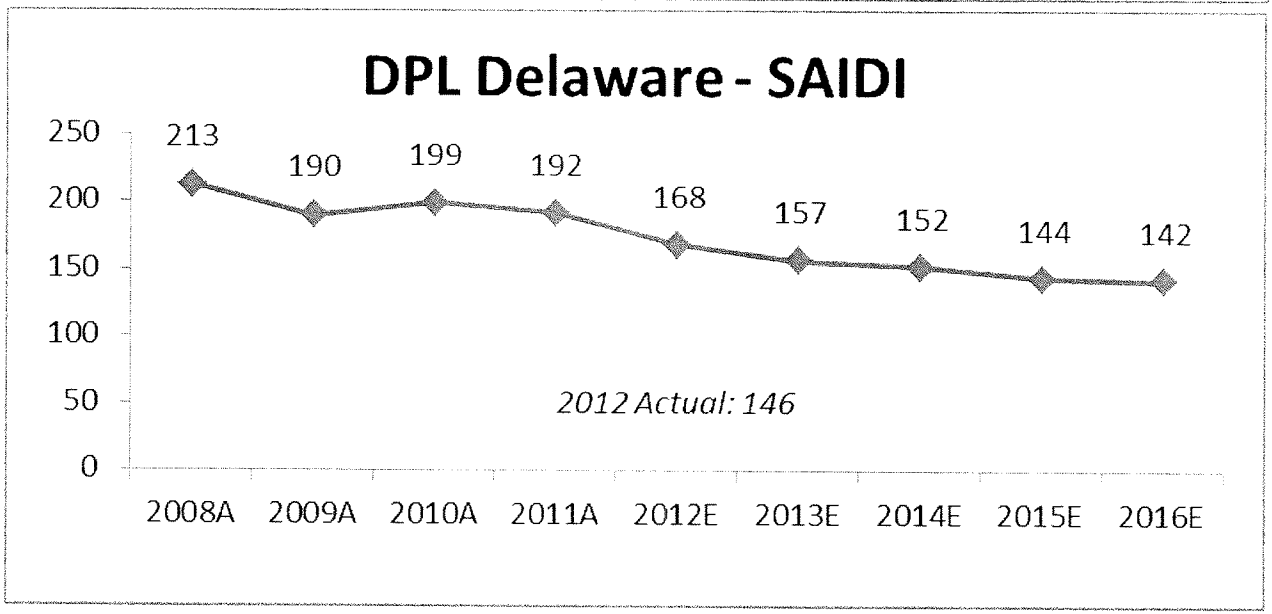
Pepco Holdings Inc

DPL DE Reliability Forecasts
June 21, 2013

DRAFT

Total Results





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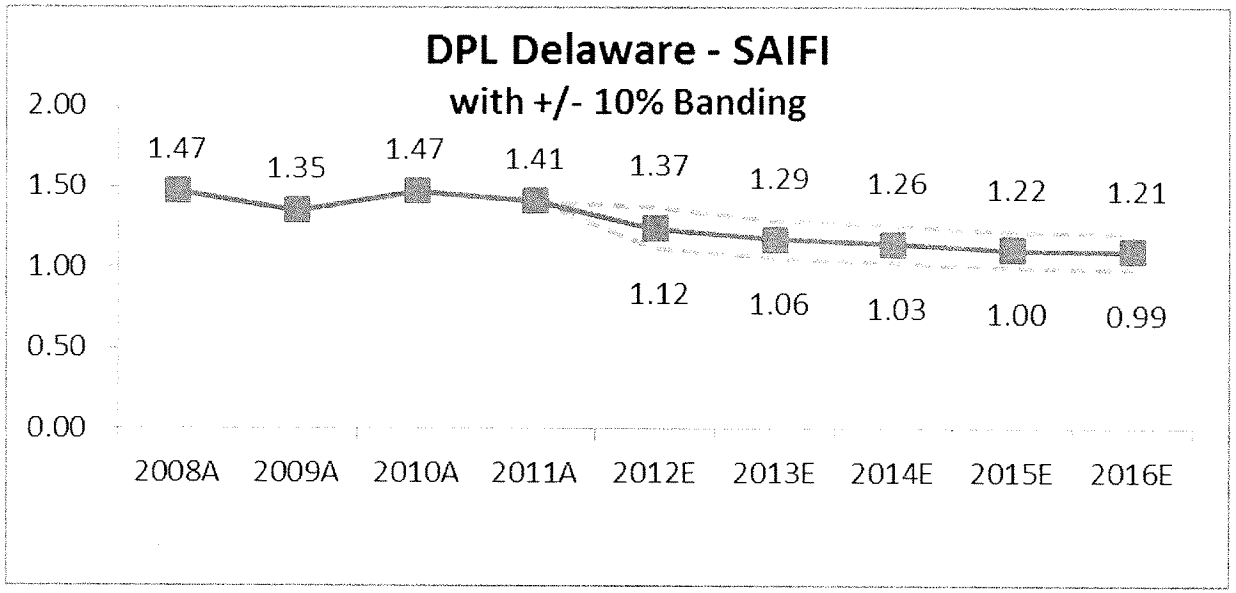
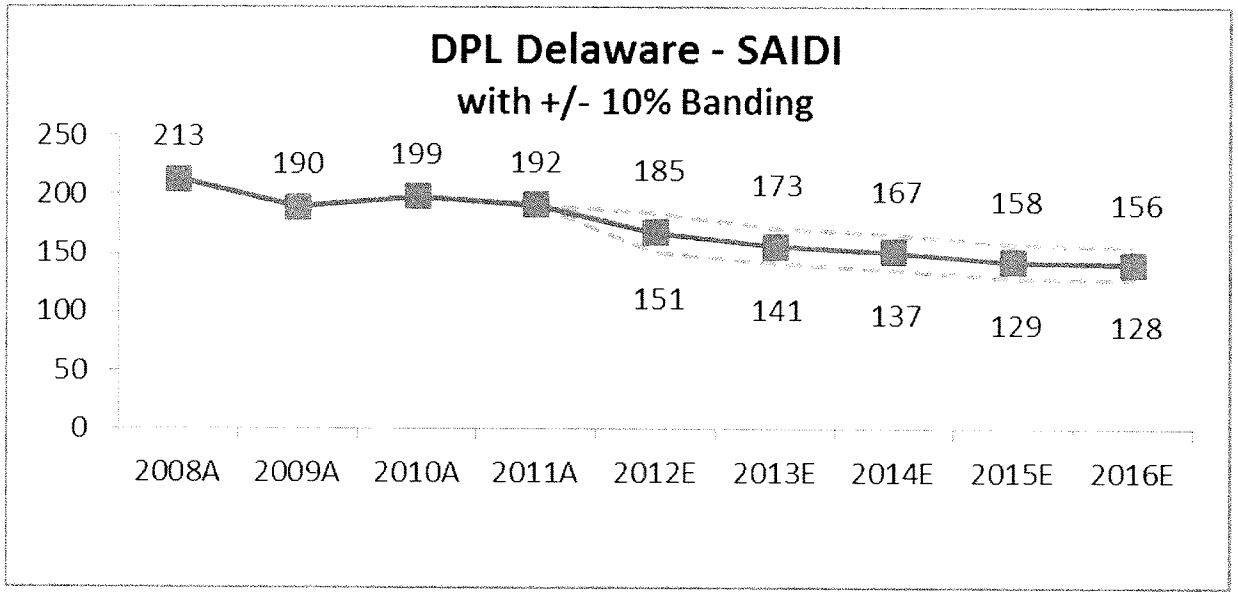
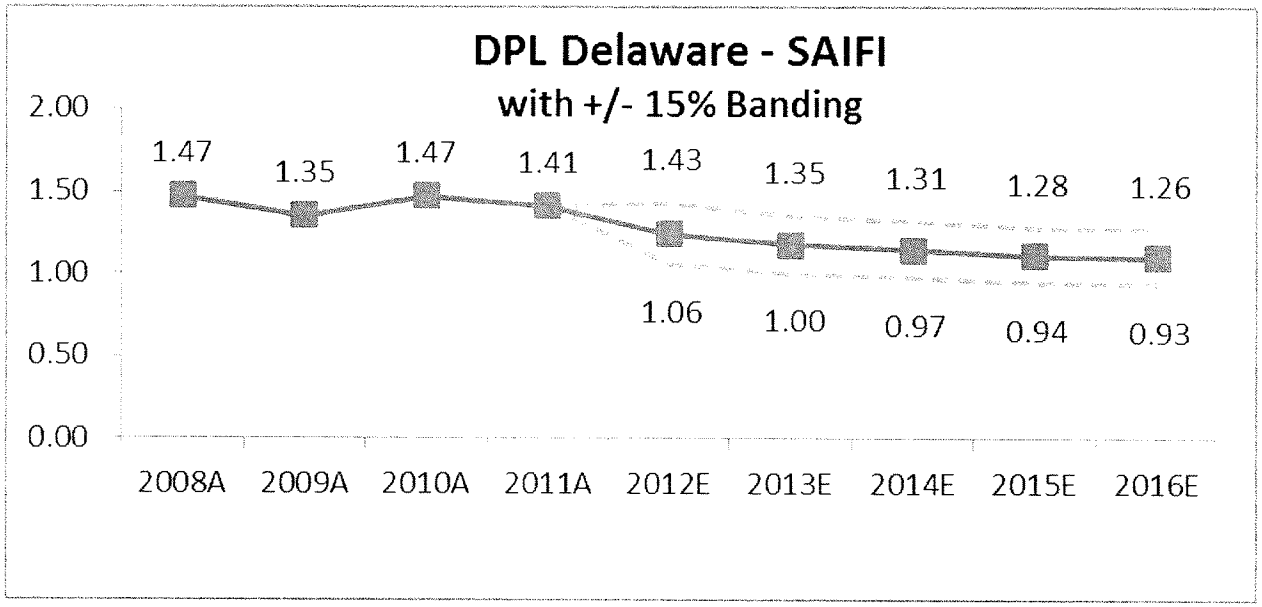
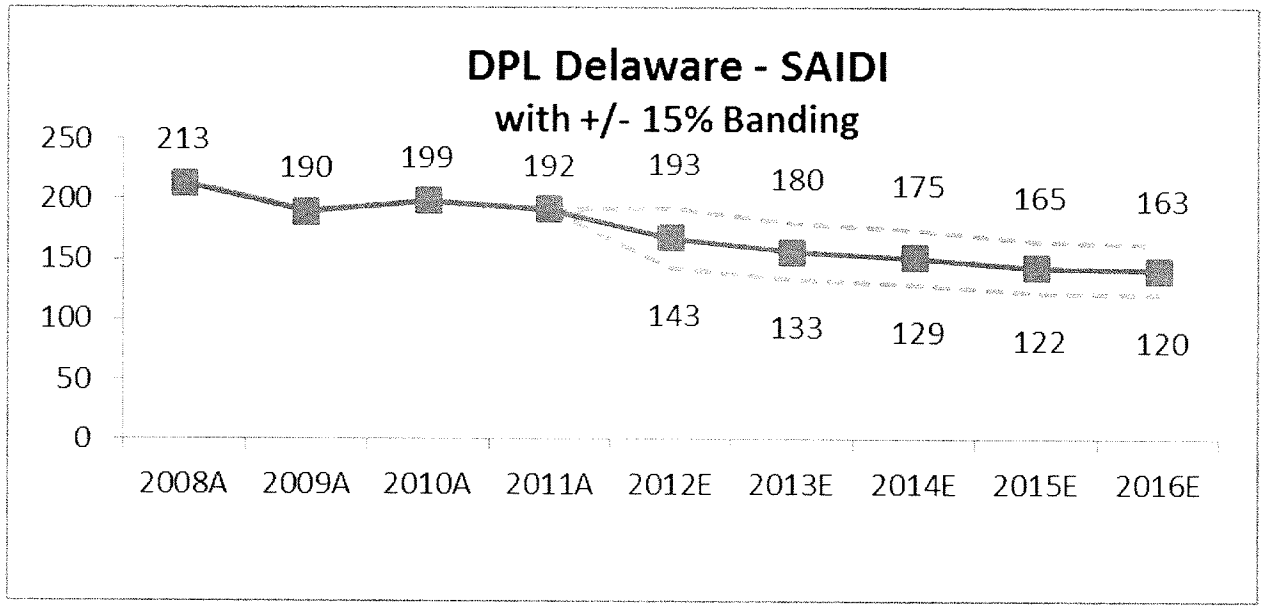
Total Results with +/- 10% Banding





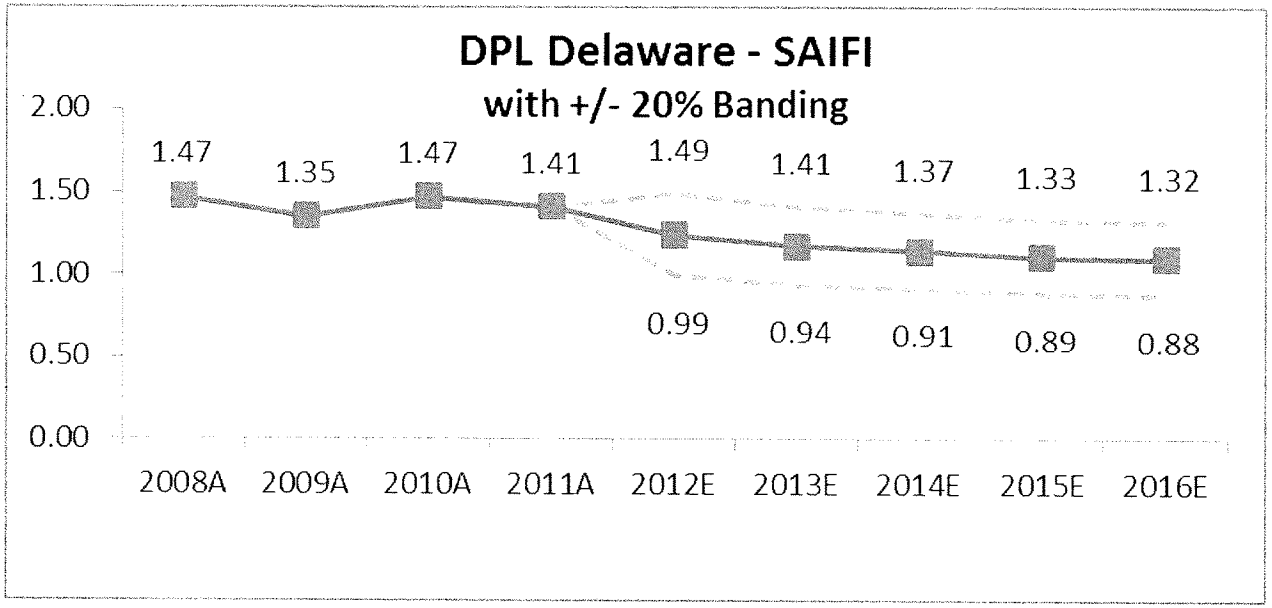
Total Results with +/- 15% Banding

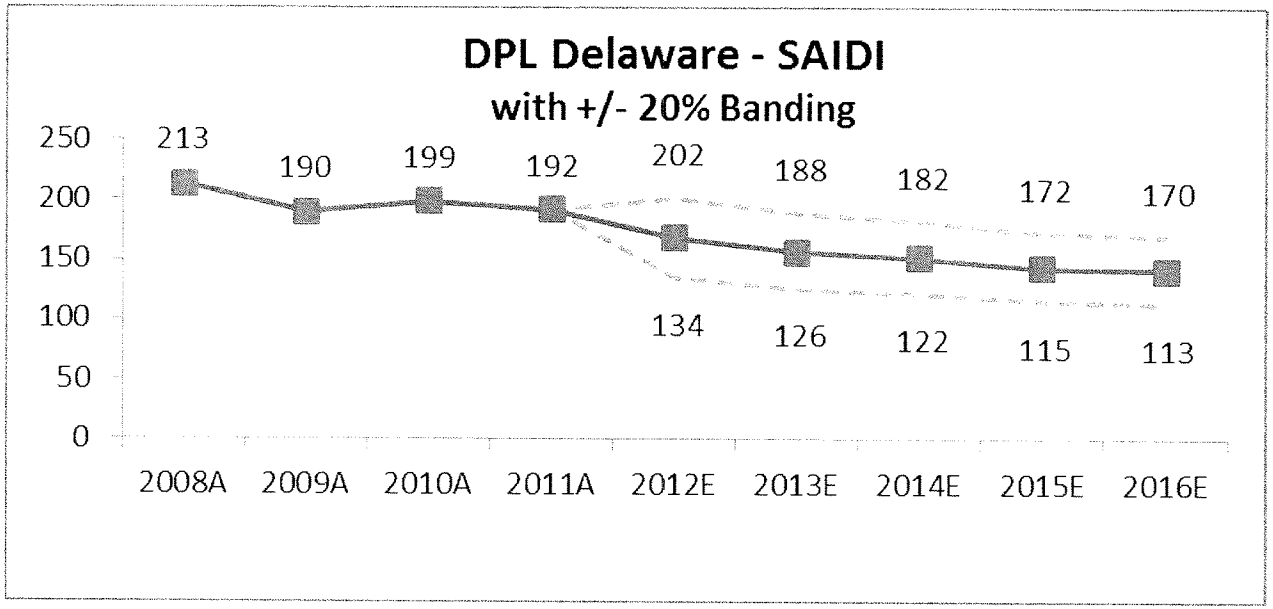




PHI CONFIDENTIAL

Total Results with +/- 20% Banding





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PSC DOCKET NO. 13-115
ATTORNEY GENERAL OF THE STATE OF DELAWARE
FIRST SET OF RELIABILITY DATA REQUESTS
TO DELMARVA POWER & LIGHT COMPANY

Question No.: AG-REL-2: Planned Capital Spending

a. For the years 2013 through 2018, state the amount budgeted for capital spending broken down by plant category.
b. Break down each of the amounts set forth in your response to part(a) by each:
    1. FERC USOA account;
    2. REP;
    3. Non-REP (itemize); and
    4. Total.
    5. Reconcile differences between the total and item (1) and the sum of items (2) and (3) to the total.
c. Provide all workpapers and source documents supporting the Company's response in electronic form, with all spreadsheet links and formulas intact, source data used, and explain all assumptions and calculations used. To the extent the data requested is not available in the form requested, provide the information in the form that most closely matches what has been requested.

RESPONSE:

Delmarva assumes that "REP" is intended to refer to "Reliability Enhancement Plan."

a. Refer to the response to AG-GEN-1 Attachment B. The current capital plan covers the 2013-2017 timeframe.

b. 1. Capital budgets and expenditures are not prepared by FERC Account.

2. Refer to AG-GEN-1 Attachment D.

3. See the attached: AG-REL-2 Attachment.

4. Refer to AG-GEN-1 Attachment B.

5. The requested reconciliation has not been performed.

c. Refer to attachments above.

Respondent: Michael W. Maxwell

DE 13-115
AG-REL-2 Attachment

PHI 2013 - 2017 "Non REP" Capital Budget

	CORE	2013	2014	2015	2016	2017
DPL-DE	Distribution					
	Customer Driven	12,105,059	11,890,891	12,135,731	12,604,197	12,950,259
	Reliability	41,105,855	31,640,046	28,755,961	28,939,549	26,008,727
	Load	1,199,318	507,528	511,344	515,160	528,039
	Total	**54,410,232**	**44,038,465**	**41,403,036**	**42,058,906**	**39,487,024**

Project Name	Short Description	ISD	2013	2014	2015	2016	2017	TOTAL
UDLBCSOLD	Bay DE Transm Line Upgra	12/31/2017	501	1	1	1	1	505
UDLBCMVD	Bay DE - Replace MV Stre	12/15/2016	277,671	287,400	290,001	258,620	0	1,113,692
UDLBCH0M	Millsboro - Highway Reloca	12/31/2017	688,762	574,192	312,415	321,082	329,110	2,225,561
UDLBCS1M	Millsboro - New Services &	12/31/2017	2,384,802	2,400,000	2,500,000	2,600,000	2,750,000	12,634,802
UDLBCS2M	Millsboro - Residential Infra	12/31/2017	1,186,508	1,200,000	1,300,000	1,300,000	1,400,000	6,386,508
UDLBCS3M	Millsboro - Facility Relocati	12/31/2017	296,051	300,000	300,000	350,000	350,000	1,596,051
UDSBCSOLD	Bay DE Dist Sub Upgrades	12/31/2017	536	1	1	1	1	540
			4,834,831	4,761,594	4,702,418	4,829,704	4,829,112	
UDLNCACRD	New Load Accruals & Emer	12/31/2017	996	1,000	1,000	1,000	1,000	4,996
UDLNCMR1	Meter Blanket - New Castle	12/31/2017	701,831	714,000	728,300	742,850	756,770	3,643,751
UDLNCMR2D	Meter Blanket - AMI NC D	12/31/2017	738,847	765,000	780,300	795,900	811,800	3,891,847
UDLNCMVD	Mercury Vapor St Lights Re	12/31/2013	480,256	0	0	0	0	480,256
UDLNCH0C	Christiana - Highway Reloca	12/31/2017	2,095,241	2,145,549	2,166,696	2,282,949	2,340,023	11,030,458
UDLNCS1C	Christiana - New Services &	12/31/2017	1,764,698	1,802,724	1,900,710	2,000,429	2,103,276	9,571,837
UDLNCS2C	Christiana - Residential Infra	12/31/2017	1,025,153	1,201,023	1,306,307	1,401,365	1,508,278	6,442,126
UDLNCS3C	Christiana - Facility Relocat	12/31/2017	463,206	500,001	550,000	550,000	600,000	2,663,207
			7,270,228	7,129,297	7,433,313	7,774,493	8,121,147	
			12,105,059	11,890,891	12,135,731	12,604,197	12,950,259	

Project Name	Short Description	ISD	tx	2013	2014	2015	2016	2017	TOTAL
UDLBMS5D	Bay DE - Hazardous Waste / Distribution Retirements	12/31/2017	1.0	-17,640	-25,000	-25,000	-25,000	-25,000	-117,640
UDLBRACRD	BAY-DE - Accural for Reliability	12/31/2017	1.0	1,068	1,000	1,000	1,000	1,000	5,068
UDLBOSV5DE	Bay-DE Reg: Salvage Scrap Wire/Cable	12/31/2017	1.0	-17,640	-25,000	-25,000	-25,000	-25,000	-117,640
UDLBRM3M1	Emergency Restoration Blanket - Millsboro	12/31/2017	1.0	2,485,026	2,528,043	2,528,043	2,528,043	2,528,043	12,597,198
UDLBRM4MA	Millsboro - Misc Dist Improvement Blanket	12/31/2017	1.0	612,596	666,666	666,666	666,666	666,666	3,279,260
UDLBRM4ME	Millsboro - Distribution Pole Repl	12/31/2017	1.0	35,488	40,001	40,001	42,231	43,287	201,008
UDLBRM4MH	Avian Protection Improvement Millsboro	12/31/2017	1.0	30,022	33,333	33,332	34,166	35,020	165,873
UDLBRM4MJ	Millsboro District - Recloser Replacement	12/31/2017	1.0	376,971	150,000	150,000	150,000	153,750	980,721
UDLBRM4MM	Customer Reliability Improvement - Millsboro	12/31/2017	1.0	205,216	228,128	231,332	237,116	243,044	1,144,836
UDLBRM4MO	Millsboro: Padmount Transformer Replacements	12/31/2017	1.00		200,000	250,000	250,000	250,000	950,000
UDLBRM4MQ	Millsboro: Upgrades for Multi Device Operations	12/31/2017	1.0	452,135	500,000	500,000	500,000	500,000	2,452,135
UDLBRM4RC	Bishop Substation - Lines Upgrades DE	5/31/2013	1.0	142,156	0	0	0	0	142,156
UDLBRM4ZM	AMI Distribution Line Work Bay Region: DE (Millsboro)	12/31/2014	1.0	9,934	0	0	0	0	9,934
UDLBRM5MZ	IR: Millsboro - Replace Deter Dist Line Switches	12/31/2018	1.00		0	0	0	0	0
UDLBRM5ND	NERC Line Upgrades: Dist Lines Bay DE	12/31/2014	1.0	235,309	100,000	0	0	0	335,309
UDSBRD71D	Bay Dist Sub Emergency - DE	12/31/2017	1.0	136,860	144,970	147,994	151,123	151,653	732,600
UDSBRD8AD	Bay Dist Sub Planned Impvts - DE	12/31/2017	1.0	35,248	36,151	36,853	37,554	38,255	184,061
UDSBRD8BD	Bay Dist Sub Relay Impvts. - DE	12/31/2017	1.0	47,406	53,713	54,864	56,105	57,257	269,345
UDSBRD8DD	DPU Relay Replacement: Laurel Feeder 506	12/31/2013	1.0	160,406	4,921	0	0	0	165,327
UDSBRD8ED	Bay Dist Sub Battery & Charger Repl - DE	12/31/2017	1.0	66,777	74,268	76,629	79,001	81,383	378,058
UDSBRD8FD	Bay Dist Subst Bushing Repl - DE	12/31/2017	1.0	102,445	74,334	74,927	75,521	76,115	403,342
UDSBRD8G	Bay Distribution - PHI Spare Transformers	5/31/2014	1.0	1,160,295	468,356	0	0	0	1,628,651
UDSBRD8G2	Bay Region 69/25x12 40MVA Mobile Unit	5/31/2013	1.0	918,806	0	0	0	0	918,806
UDSBRD8G3	Bay Region Puchase Mobile Transformer 2011	12/31/2012	1.0	4,704	0	0	0	0	4,704
UDSBRD8G4	Bay Region Puchase 138x69kV / 25kV 30MVA Mobile Unit	12/31/2013	1.0	966,027	1,209	0	0	0	967,236
UDSBRD8ID	Bay Reg - DE: Replace Dist. Substation Roofs	12/31/2017	1.0	406,368	68,148	68,385	68,415	68,653	679,969
UDSBRD8MD	Scada/RTU Upgrade Capability: DE	12/31/2017	1.0	42,072	44,952	45,892	46,831	47,771	227,518

UDSBRD8PD	Surplus Dist Sub Equip Retire - DE	12/31/2017	1.0		10,532	10,500	10,500	10,500	10,500	52,532	
UDSBRD8RB	Greenwood Substation-Retire/Remove 4kV	12/31/2013	1.0		127,281	1,429	0	0	0	128,710	
UDSBRD8RG	Wyoming-Retire Substation	12/31/2013	0.8		80,129	0	0	0	0	80,129	
UDSBRD8VD	NERC Physical Security - Bay-DE Dist Sub	12/31/2017	1.0		165,567	166,466	169,849	173,335	176,822	852,039	
UDSBRD9DD	Replace Deteriorated Dist Brkrs DE	12/31/2017	1.0		584,086	632,057	642,607	1,306,321	1,327,424	4,492,495	
UDSBRD9SX1	IR: Sussex - T2 Replacement	12/31/2014	1.0		339,529	1,115,244	4,780	0	0	1,459,553	
UDSBRD9GD	Replace Aging Dist Transformers DE	12/31/2017	1.00			0	0	0	27,089	27,089	
UDSBRD9YD	IR: Bay Repl Deteriorated Dist Sub Structures DE	12/31/2017	1.00			0	0	0	0	0	
UDSBRD9ZD	IR: Bay Repl Deteri Switches Dist Sub DE	12/31/2017	1.00			0	0	0	0	0	
					9,905,178	7,293,889	5,683,654	6,363,928	6,433,732		
UDLNMS3D	Distribution Transformer Retirements DE	12/31/2017	1.0		132,992	155,481	203,840	248,560	254,592	995,465	
UDLNRACRD	NC-DE - Accural for Reliability	12/31/2017	1.0		996	1,000	1,000	1,000	1,000	4,996	
UDLNMS5D	NCDE Removal & Salvage Capitalized Equipment	12/31/2017	1.0		-17,640	-25,000	-25,000	-25,000	-25,000	-117,640	
UDLNOSV5D	NC-DE Reg: Salvage Scrap Wire/Cable	12/31/2017	1.0		-17,640	-25,000	-25,000	-25,000	-25,000	-117,640	
UDLNRM3C1	Emergency Restoration Blanket-Christiana	12/31/2017	1.0		10,796,115	10,744,131	10,744,131	10,744,131	10,744,131	53,772,639	
UDLNRM4CA	Misc Dist Improvement Blanket - Christiana	12/31/2017	1.0		899,690	900,000	900,000	900,000	900,000	4,499,690	
UDLNRM4CE	Christiana District-Distrib Pole Repl\Reinf	12/31/2017	1.0		330,572	364,228	368,923	373,849	383,195	1,820,767	INFRAST
UDLNRM4CH	Avain Protection: Christiana	12/31/2017	1.0		46,999	50,929	50,554	51,370	52,653	252,505	INFRAST
UDLNRM4CJ	Christiana Distr- Replace Line Reclosers	12/31/2017	1.0		505,863	500,264	501,565	500,746	513,265	2,521,703	
UDLNRM4CM	Customer Reliability Impvts-Christiana	12/31/2017	1.0		433,430	489,836	500,629	514,426	527,287	2,465,608	
UDLNRM4CR	Wilmington Network Upgrade	5/31/2017	1.0		448,645	595,758	599,600	603,442	607,284	2,854,729	INFRAST
UDLNRM4CO	Christiana: Padmount Transformer Replacements	12/31/2017	1.00			200,000	250,000	250,000	250,000	950,000	
UDLNRM4CQ	Christiana: Upgrades for Multi Device Operations	12/31/2017	1.0		502,574	500,000	500,000	500,000	500,000	2,502,574	INFRAST
UDLNRM4CU	Install Tree Wire/Spacer Cable - Christiana	12/31/2017	1.0		0	492,564	492,389	492,367	504,676	1,981,996	
UDLNRM5BA	IR: Rogers Road Sub: Convert 4kv to 12kv	12/31/2012	1.0		3,947	0	0	0	0	3,947	
UDLNRM5BB	Brookside DE0222: Upgrade Feeder to Balance Load	12/31/2013	1		0	0	0	0	0	0	

UDLNRM5ND	NERC Line Upgrades: Dist Lines NC DE	12/31/2014	1.0	226,509	50,000	0	0	0	276,509	
UDLNRM5SC	Christiana Sub: Upgrade Fdr Duct/Manhole Sys	12/31/2013	1.0	1,502,344	0	0	0	0	1,502,344	
UDLNRM5SD	Reconductor DE0217	4/30/2013	1.0	568,372	0	0	0	0	568,372	
UDLNRM5SE	Dist Line Work for Swtchgr Replac	12/31/2017	1.0	480,339	506,532	509,284	512,036	514,786	2,522,977	INFRAST
UDLNRM8SE	Christiana Distr.-Rebuild OH Rear Lot Dist. Sys	12/31/2017	1.0	341,196	400,179	1,000,000	1,000,000	1,000,000	3,741,375	
UDLNRM8SH	Churchmans - Replace Reclosers	5/31/2013	1.0	20,225	0	0	0	0	20,225	
UDLNRM9SB	CH District Replace Steel Poles along 4th St. Wilm	12/31/2014	1.0	546,987	600,182	0	0	0	1,147,169	
UDLNRM4SA	Milford Xrd DE0290: Install Recloser	5/31/2013	1.0	0	0	0	0	0	0	
UDLNRMT1	Milltown: Move Ckt 640 from T1 to T3 (lines component)	5/31/2013	1.0	185,823	0	0	0	0	185,823	INFRAST
UDSNRD71D	NC DE: Dist Sub Emergency	12/31/2017	1.0	235,656	256,081	259,307	262,535	265,763	1,279,342	INFRAST
UDSNRD8AD	NC DE: Dist Sub Planned Impvts	12/31/2017	1.0	98,046	106,895	71,406	72,382	73,357	422,086	
UDSNRD8BD	NC DE: Dist Misc Relay Blanket	12/31/2017	1.0	61,414	67,789	68,906	70,026	71,144	339,279	
UDSNRD8ED	NC DE: Dist Sub Battery & Charger Repl	12/31/2017	1.0	103,071	107,927	108,835	109,743	110,650	540,226	
UDSNRD8FD	NC DE Dist Sub Bushing Repl	12/31/2017	1.0	122,066	128,106	139,376	140,091	144,018	673,657	
UDSNRD8G	New Castle - PHI Spare Transformers	12/31/2016	1.0	1,125,160	1,573,882	1,369,132	1,477,790	0	5,545,964	
UDSNRD8G1	New Castle - Purchase 138/69-12kv Mobile Tr	12/31/2013	1.0	3,790,302	64,759	0	0	0	3,855,061	
UDSNRD8GD	Christiana T2 upgrade	12/31/2012	1	124,303	0	0	0	0	124,303	
UDSNRD8PD	IR: NC DE Dist Sub Misc Equip Retire	12/31/2017	1.0	24,515	26,769	26,999	27,228	27,459	132,970	
UDSNRD8RA	North Wilmington Substation - Cleanup and Retire	12/3/2014	1.0	0	298,275	0	0	0	298,275	
UDSNRD8RC	Tenth Street Substation - Cleanup and Retire	12/31/2013	1.0	136,479	0	0	0	0	136,479	
UDSNRD8SA	CHURCHMANS Recloser removals	12/31/2013		46,220	0	0	0	0	46,220	INFRAST
UDSNRD8SE	Silverbrook Sub: Replace Failed T-3	6/1/2013	1	264,849	0	0	0	0	264,849	
UDSNRD8SI	Chapel St: Retire T1- Resupply Sta Service	12/31/2013	1.0	88,077	0	0	0	0	88,077	
UDSNRD8VD	NERC Physical Security - NC-DE Dist Sub	12/31/2017	1.0	784,419	890,424	306,583	307,579	318,825	2,607,830	
UDSNRD9A	IR: Rogers Road Substation - Cleanup and Retire	12/3/2014	1.0	0	285,054	0	0	0	285,054	
UDSNRD9DD	IR: NC DE Brkr Repl Dist Sub	12/31/2017	1.0	1,399,999	1,385,949	1,399,530	1,131,775	1,142,586	6,459,839	
UDSNRD9FD	IR: NC DE Replace/Upgrade PTs Dist Subs	12/31/2017	1.0	69,201	78,098	79,165	80,235	82,269	388,968	
UDSNRD9HD	NC DE Subs: Replace PCB Cap Banks	12/31/2013	1.0	287,450	0	0	0	0	287,450	

UDSNRD9G1	Replace Aging Dist Transformers DE	12/31/2017	1.0	0	0	1,824,325	2,154,028	534,768	4,513,121	
UDSNRD9RA	Edgemoor Substation - Clean Up and Retire	12/31/2017	1.0	0	0	0	0	0	0	
UDSNRD9SE	IR: Edgemoor 12kV Sub: Upgrade 12kV Breakers	12/15/2013	1.0	207,818	0	0	0	0	207,818	INFRAST
UDSNRD9SH	Brookside - Replace T2 34/12kV Transformer	12/31/2013	1.0	2,080,135	0	0	0	0	2,080,135	INFRAST
UDSNRD9SJ	Milford Crossroads: Replace T2	5/31/2013	1.0	389,773	0	0	0	0	389,773	
UDSNRMT2	Milltown: Retire T1- ReLoc Ckt 640 to T3	12/31/2013	1.0	91,185	0	0	0	0	91,185	INFRAST
UDSNRD9SK	West T5: Replace 69/34 kV Transformer	12/31/2013	1.0	1,079,066	0	0	0	0	1,079,066	INFRAST
UDSNRD9SL	Replace West T2 69-34 KV Transformer	12/31/2014	1	287,831	979,692	0	0	0	1,267,523	INFRAST
UDSNRD9SM	Replace Kiamensi 138-34 KV T2 Transformer	12/31/2014		292,515	1,225,194	0	0	0	1,517,709	INFRAST
UDSNRD9SN	Replace Talleyville T2 transformer	12/31/2015		0	282,775	747,552	0	0	1,030,327	INFRAST
UDSNRD9YD	IR: NC DE Repl Deter Structures and Foundations Dist Sub	12/31/2017	1.0	0	0	0	0	0	0	INFRAST
UDSNRD9ZD	IR: NC DE Repl Deter Switches Dist Sub	12/31/2017	1.0	72,789	87,404	99,276	100,282	101,287	461,038	INFRAST
				31,200,677	24,346,157	23,072,307	22,575,621	19,574,995		INFRAST
										INFRAST
										INFRAST
				41,105,855	31,640,046	28,755,961	28,939,549	26,008,727		INFRAST
										INFRAST
										INFRAST
										INFRAST
										INFRAST
										INFRAST
										INFRAST

Project Name	Short Description	ISD	2013	2014	2015	2016	2017	TOTAL
UDLBLM7M	Millsboro - Feeder Load Relief	12/31/2017	528,992					528,992
UDLBPN7DD	Underbuilt Distribution Rebuild: Bay DE	12/31/2017	501,107	507,528	511,344	515,160	528,039	2,563,178
			1,030,099	507,528	511,344	515,160	528,039	3,092,170
UDLNPBC1	Distribution Line Work for Sub Expansion	5/31/2012	71,904	0	0	0	0	71,904
UDLNPBC2	Brandywine to Edgemoor Distribution Unde	5/31/2012	97,315	0	0	0	0	97,315
			169,219	0	0	0	0	
	Total Load		1,199,318	507,528	511,344	515,160	528,039	

Load Driven

PSC DOCKET NO. 13-115
ATTORNEY GENERAL OF THE STATE OF DELAWARE
FIRST SET OF RELIABILITY DATA REQUESTS
TO DELMARVA POWER & LIGHT COMPANY

Question No. : AG-REL-3: Capital Additions

a. For each of the years 2007 through 2012, and for 2013 through the date of your response, state the amount of plant additions broken down by plant category.
b. Break down each of the amounts set forth in your response to part (a) by each:
   1. FERC USOA account;
   2. REP;
   3. Non-REP (itemize); and
   4. Total.
   5. Reconcile differences between the total and item (1) and the sum of items (2) and (3) to the total.
c. State the amount of plant additions included in each year of the Company's five-year capital budget for period 2013 through 2018.
d. Provide all workpapers and source documents supporting the Company's response in electronic form, with all spreadsheet links and formulas intact, source data used, and explain all assumptions and calculations used. To the extent the data requested is not available in the form requested, provide the information in the form that most closely matches what has been requested

RESPONSE:

Delmarva assumes that "REP" is intended to refer to "Reliability Enhancement Plan."

a. Refer to the response to AG-REL-1 Attachment B.
b. 1. Capital budgets and expenditures are not prepared by FERC Account. Refer to the response to AG-RR-66.

   2. For available information, see the attached: AG-REL-3 Attachment A. Note that the Reliability Enhancement Plan (REP) was approved by Delmarva's Board of Directors in 2010.

   3. For available information, see the attached: AG-REL-3 Attachment B.

   4. Refer to the response to AG-GEN-1 Attachment A. See also AG-REL-1 Attachment C.

   5. The requested reconciliation has not been performed.

c. The requested forecast has not been performed.

Respondent: Michael W. Maxwell

1/18/2013 **2011 - 2017 DPL - DE REP Actuals**

Actual Expenditures	**2011** *As of 12/2011*	**2012** *As of 12/2012*	**2013** *As of 3-31-13*
Priority Feeder Upgrades	2,905,577	5,832,319	811,941
Underground Residential Distribution Cable Upgrades (URD)	3,837,509	5,674,580	1,419,556
Distribution Automation	2,053,809	5,890,246	2,138,966
Feeder Reliability Improvements	1,467,543	4,830,102	1,231,126
Conversions			742,360
Substation Reliability Improvements		1,982,713	926,803
Feeder Load Relief	1,303,775	2,281,930	680,271
TOTALS	11,568,213	26,491,891	7,951,022

	Project Name	Short Description	2011	2011 A As of 12/2011
PF Upgrade	UDLBRM4MF	Millsboro - Priority Circuit Improvement	481,869	1,361,055
	UDLBRM4MK	Millsboro Priority Feeder Rebuild	0	
	UDLNRM4CF	Christiana - Priority Ckt Improvement	1,512,906	1,334,564
	UDLNRM4CK	Priority Feeder Rebuild: Christiana	721,017	209,958
		TOTAL	2,715,792	2,905,577
URD	UDLBRM4MC	Millsboro - Replace Deteriorated URD Cable	636,492	759,646
	UDLBRM4MD	Millsboro - Planned URD Cable Replacement	1,200,000	2,004,031
	UDLNRM4CC	Christiana - Replace Deteriorated URD Cable	961,105	1,073,832
		TOTAL	2,797,597	3,837,509
DA	UDLBRDA1D	Distribution Automation - Bay DE	570,727	1,063,871
	UOIBRASRD	UF Install ASR Computer	144,908	2,555
	UDSBRDA1D	Substation Distribution Automation Bay DE	437,987	200,647
	UORBOBR1M	MI Comm Work - Collector to Data Network	441,936	88,494
	UORBODA1M	Millsboro Comm Work - Install Radios in Line Equip	324,168	57,591
	UORBORBSM	BBW Base Station - Install Millsboro	266,570	62,419
	UORBORSSM	Millsboro Sub Subscriber - BBW	201,659	
	UDLNRDA1C	Distribution Automation: Christiana District	1,045,169	
	UOINRASRD	UF Install ASR Computer	144,908	79,502
	UDSNRDA1C	Distribution Automation: Christiana Substations	389,750	154,396
	UORNOBR1C	CH Comm Work - Collector to Data Network	375,928	196,004
	UORNODA1C	Christiana Comm Work - Install Radios in Line Equipment	222,709	46,907
	UORNORBSC	BBW Base Station - Install Christiana	234,210	101,423
	UORNORSSC	Christiana - Sub Subscriber - BBW	202,270	
		TOTAL	5,002,899	2,053,809
Feeder REL	UDLBRM63M	Millsboro: Feeder Reliability Improvement	583,484	627,540
	UDLNRM63C	Christiana Feeder Reliability Improvements	2,142,216	840,003
		TOTAL	2,725,700	1,467,543
			13,241,988	
Feeder LR	UDLBLBR1	Lakeside: Construct 2 New Feeders	0	
	UDLBLFP2	Five Points - Construct New Feeder	0	
	UDLBLM7M	Millsboro - Feeder Load Relief	711,702	458,271
	UDLBLM7M.1	**Millsboro - Distribution VAR Correction**	0	
	UDLBLM7M.2	**Install Dist Regulators- Fdr Load Relief - Millsboro**	0	
	UDLBLM7M.22	**Nr Seaford DE0516: R/C 1.75 miles of Feeder**	0	
	UDLBLM7M.33	Five Points DE0528: Double Leg Getaway & Add Recloser	0	
	UDLBLM7M.7	Cedar Neck DE0532: Double-leg Getaway&Install Reclosers	0	
	UDLBLM7M.9	Harbeson Sub: Swap Feeders 2270 & 2237	0	
	UDLBLMG1	Magnolia Area 230/25kV Substation: Build two new 25kV Distribut	0	
	UDSBLFP1	Five Points Sub - T2 Add New Brkr	0	
	UDSBLM72A	Clayton Sub Replace T3	31,157	5,501
	UDSBLM7D	Future Projects Dist Sub Bay DE	0	

UDSBLMG2	Magnolia Area 230/25kV Substation-Build New Substation	0	
UDLNLCBC2	Mount Pleasant T2: Extend a New Feeder	0	
UDLNLM7C	Christiana - Feeder Load Relief	244,501	840,003
UDLNLM7C.1	**Christiana - Distribution VAR Correction**	0	
UDLNLM7C.10	Valley Road: Establish 12 kV Exit Feeders	0	
UDLNLM7C.2	Install Dist Regulators - Fdr Load Relief- Christiana	0	
UDLNLM7C.21	Churchman's DE0256: Reconductor Getaway	0	
UDLNLM7C.4	Bear 12kV: Parallel exit cable DE0755	0	
UDSNLM7	Future Projects	0	
UDSNLM7D	Future Projects	0	
UDSNLM70A	West Wilmington: Replace Low-Side Configuration	0	
UDSNLM78A	Red Lion - Add 2nd 138/25kV Transformer	0	
UDSNLM78B	Reybold - Increase T1 & T2 emergency rating	0	
UDSNLMC1	Montchanin Sub: Install New 34/12kV Transformer and Switchgear	0	
UDSNLVR1	Valley Road Sub: Install 138/12kV Transformer & Swgr	0	
UDSNLVR1	Valley Road Sub: Install 138/12kV Transformer & Swgr	0	

987,360	1,303,775
14,229,348	11,568,213

Compan	Project Name	Short Description	2012	2012 Actuals as of 12/31/2012
DPL-DE				
PRI FDR	UDLBRM4MF	Millsboro - Priority Circuit Improvement	1,494,110	795,059
	UDLNRM4CF	Christiana - Priority Ckt Improvement	2,315,615	5,037,261
		TOTAL	3,809,725	5,832,319
URD	UDLBRM4MC	Millsboro - Replace Deteriorated URD Cable	751,172	929,715
	UDLBRM4MD	Millsboro - Planned URD Cable Replacement	2,536,257	3,148,970
	UDLNRM4CC	Christiana - Replace Deteriorated URD Cable	1,005,986	703,978
	UDLNRM4CD	Christiana - Planned URD Cable Replacement	1,464,830	891,918
	UDLNRM5CA	IR: Christiana - URD Infrastructure Replacements	0	
		TOTAL	5,758,245	5,674,580
DA	UDLBRDA1D	Distribution Automation - Bay DE	751,526	397,950
	UDSBRDA1D	Substation Distribution Automation Bay DE	463,469	924,674
	UOIBRASRD	Install ASR Computer: Bay DE	132,725	121,397
	UDLNRDA1C	Distribution Automation: Christiana District	1,036,068	184,726
	UDSNRD8MD	Scada/RTU Upgrade NC DE Dist Sub	188,184	57,605
	UDSNRDA1C	Distribution Automation: Christiana Substations	1,453,506	3,363,047
	UOINRASRD	Install ASR Computer: NC DE	187,498	167,057
	UORBOBR1M	MI Comm Work - Collector to Data Network	271,455	64,175
	UORBODA1M	Millsboro Comm Work - Install Radios in Line Equip	263,663	-12,552
	UORBORBSM	BBW Base Station - Install Millsboro	358,121	14,964
	UORBORBTM	Millsboro Comm Work - Upgr Radios in Line Equip	0	
	UORBORCPM	Millsboro: Install Radio Control for Cap Contrl	0	
	UORBORSSM	Millsboro Sub Subscriber - BBW	272,775	
	UORNOBR1C	CH Comm Work - Collector to Data Network	258,206	286,224
	UORNODA1C	Christiana Comm Work - Install Radios in Line Equipmer	429,811	173,459
	UORNORBSC	BBW Base Station - Install Christiana	254,789	32,669
	UORNORBTC	Christiana Comm Work: Upgrade Radios in Line Equip	0	
	UORNORCPC	Install Radio Control for Cap Cntrl-Christiana	0	
	UORNORSSC	Christiana - Sub Subscriber - BBW	439,608	114,852
		TOTAL	6,761,404	5,890,246
	UDLBRM63M	Millsboro: Feeder Reliability Improvement	2,568,671	2,647,888
	UDLBRM4MK	Millsboro Priority Feeder Rebuild	0	
	UDLNRM4CK	Priority Feeder Rebuild: Christiana	0	
	UDLNRM63C	Christiana Feeder Reliability Improvements	2,803,236	2,182,214
	UDSBRM61D	Bay - DE Sub Comprehensive Reliability Impvts	1,505,615	
	UDSNRM61D	NC - DE Sub Comprehensive Reliability Impvts	1,575,271	1,982,713
		TOTAL	8,452,793	6,812,816
			3,080,886	1,982,713
			5,371,907	4,830,102
LOAD	UDLBLFP2	Five Points - Construct New Feeder		
	UDLBLM7M	Millsboro - Feeder Load Relief	1,355,764	886,425
	UDLBLM7M.1	Millsboro - Distribution VAR Correction		
	UDLBLM7M.12	Cedar Neck DE0531: Reconductor Downstream Conductor		
	UDLBLM7M.13	Cedar Neck DE0531: Reconductor Getaway		
	UDLBLM7M.2	Install Dist Regulators- Fdr Load Relief - Millsboro		

UDLBLM7M.6	Five Points DE0528: R/C & Install Reclosers		
UDLBLM7M.7	Cedar Neck DE0532: Double-leg Getaway&Install Reclosers		
UDLBLM7M.21	Five Points DE0527: Reconductor Downstream		
UDLBLM7M.22	Midway DE0510: Install Recloser to Increase Relay Load Limit		
UDLBLM7M.28	Felton DE2247: Install Switch for New Normal Open		
UDLBLMG1	Magnolia Area 230/25kV Substation: Build two new 25kV Distribution Lines		
UDSBLFP1	Five Points- T2 Add New Brkr		
UDSBLM72A	Clayton Sub Replace T3	697,263	557,815
UDSBLM72B	Cedar Neck T1: Upgrade Bus	68,854	36,003
UDSBLM73A	Millsboro T2: Upgrade Disconnect Switch	12,305	
UDSBLM73B	Midway: Install 2nd 69/12kV Transformer		
UDSBLM76A	Cedar Neck: Install 2nd 69/12kV Transformer		400,644
UDSBLM7D	Future Projects Dist Sub Bay DE		
UDSBLMG2	Magnolia Area 230/25kV Substation-Build New Substation		
UDLNLM7C	Christiana - Feeder Load Relief	73,683	
UDLNLM7C.10	Christiana - Distribution VAR Correction		71,787
UDLNLM7C.11	Bear DE0750: Reconductor the Getaway	0	
UDLNLM7C.17	Mermaid DE0745: Reconductor Getaway/Add Recloser	0	
UDLNLM7C.2	Install Dist Regulators - Fdr Load Relief- Christiana	0	
UDSNLM72A	W. Wilmington Sub Bus & Brkr Upgrade	512,451	
UDSNLM7D	NC-DE Future projects	0	329,256
		2,720,320	2,281,930

Company	Project Name	Short Description	2013 As of 3-31-13
DPL-DE			
PRI FDR	UDLBRM4MF	Millsboro - Priority Circuit Improvement	607,843
	UDLNRM4CF	Christiana - Priority Ckt Improvement	204,098
		TOTAL	811,941
URD	UDLBRM4MC	Millsboro - Replace Deteriorated URD Cable	100,662
	UDLBRM4MD	Millsboro - Planned URD Cable Replacement	555,014
	UDLNRM4CC	Christiana - Replace Deteriorated URD Cable	185,577
	UDLNRM4CD	Christiana - Planned URD Cable Replacement	578,303
		TOTAL	1,419,556
DA	UDLBRDA1D	Distribution Automation - Bay DE	
	UDSBRDA1D	Substation Distribution Automation Bay DE	-7,935
	UOIBRASRD	Install ASR Computer: Bay DE	14,547
	UDLNRDA1C	Distribution Automation: Christiana District	49,630
	UDSNRD8MD	Scada/RTU Upgrade NC DE Dist Sub	
	UDSNRDA1C	Distribution Automation: Christiana Substations	749,202
	UOINRASRD	Install ASR Computer: NC DE	6,663
	UORBOBR1M	MI Comm Work - Collector to Data Network	
	UORBODA1M	Millsboro Comm Work - Install Radios in Line Equip	
	UORBORBSM	BBW Base Station - Install Millsboro	432
	UORBORBTM	Millsboro Comm Work - Upgr Radios in Line Equip	
	UORBORCPM	Millsboro: Install Radio Control for Cap Contrl	
	UORBORSSM	Millsboro Sub Subscriber - BBW	106,431
	UORNOBR1C	CH Comm Work - Collector to Data Network	99,281
	UORNODA1C	Christiana Comm Work - Install Radios in Line Equipment	9,914
	UORNORBSC	BBW Base Station - Install Christiana	542,993
	UORNORBTC	Christiana Comm Work: Upgrade Radios in Line Equip	
	UORNORCPC	Install Radio Control for Cap Cntrl-Christiana	
	UORNORSSC	Christiana - Sub Subscriber - BBW	567,808
		TOTAL	2,138,966

UDLBRM63M	Millsboro: Feeder Reliability Improvement	997,360
UDLNRM63C	Christiana Feeder Reliability Improvements	233,765
UDSBRD9SF	IR: Millsboro Sub - T1 Replacement	139,428
UDSBRD9SG	IR: Nr Seaford Sub - T1 & T2 Replacement	
UDSBRD9SJ	IR: Kent Sub - T2 Replacement	
UDSBRD9SL	IR: Bethany Sub - T2 Replacement	
UDSBRM61D	Bay - DE Sub Comprehensive Reliability Impvts	
UDSNRD8KD	DPL DE - Switchgear replacements	
UDSNRD9KA	Milford Crossroads Sub - Switchgear replacements	19,410
UDSNRD9KB	Bear Sub - Switchgear replacements	17,656
UDSNRD9KC	Naamans Sub - Switchgear replacements	0
UDSNRD9KD	Mermaid Sub - Switchgear replacements	0
UDSNRD9KE	West Wilmington Sub - Switchgear replacements	0
UDSNRD9KF	Churchmans Sub - Switchgear replacements	0
UDSNRD9KG	Milltown Sub - Switchgear replacements	0
UDSNRD9KH	Sunset Lake Sub - Switchgear replacements	0
UDSNRD9KI	Tallyville Sub - Switchgear replacements	0
UDSNRM61D	NC - DE Sub Comprehensive Reliability Impvts	750,309
	TOTAL	2,157,929
		926,803
		1,231,126

UDLBRM8BA	Greenwood: 4-25kV Conversion	555,788
UDLBRM8BB	Wyoming-Convert to 25kV Cir 2233 (Phase II)	186,571
		742,360

LOAD

UDLBLFP2	Five Points - Construct New Feeder	0
UDLBLM7M	Future Projects Dist Line Millsboro	0
UDLBLM7M	Millsboro - Feeder Load Relief	38,665
UDLBLM7M.1	Millsboro - Distribution VAR Correction	
UDLBLM7M.13	Rehoboth Sub: Move Feeder 521 from T1 to T2	
UDLBLM7M.2	Install Dist Regulators- Fdr Load Relief - Millsboro	
UDLBLM7M.6	Five Points DE0528: R/C & Install Reclosers	0
UDLBLMG1	Magnolia Area 230/25kV Substation: Build two new 25kV Distributio	0
UDSBLFP1	Five Points- T2 Add New Brkr	0
UDLBLMW2	Midway: Extend New Feeder	0
UDSBLM72A	Clayton Sub Replace T3	48,280
UDSBLM73A	Millsboro T2: Upgrade Disconnect Switch	1,727
UDSBLM73B	Midway Substation: Install New Transformer	
UDSBLM73C	Harbeson Sub: Upgrade T-1	262,180

UDSBLM76A	Cedar Neck: Install 2nd 69/12kV Transformer	
UDSBLM7D	Future Projects Dist Sub Bay DE	0
UDSBLMG2	Magnolia Area 230/25kV Substation-Build New Substation	0
UDLNLCBC2	Mount Pleasant T2: Extend a New 25 kv Fdr	0
UDLNLM7C	Future Projects Dist Line Christiana	0
UDLNLM7C	Christiana - Feeder Load Relief	
UDLNLM7C.10	Christiana - Distribution VAR Correction	
UDLNLM7C.11	Bear DE0752: Reconductor the Getaway	
UDLNLM7C.17	Mermaid DE0745: Reconductor Getaway/Add Recloser	0
UDLNLM7C.2	Install Dist Regulators - Fdr Load Relief- Christiana	0
UDLNLM7C.21	Churchman's DE0256: Reconductor Getaway	0
UDSNLM72A	W.Wilmington Sub bus and breaker upgrade	329,418
UDSNLM7D	NC-DE Future projects	0

680,271

PHI 2007 - 2013 Actuals (NO REP)

	CORE	2007	2008	2009	2010	2011	2012
DPL-DE	Distribution						
	Customer Driven	23,313,180	18,169,398	11,150,572	14,260,410	9,601,683	12,627,540
	Reliability	15,738,278	23,562,456	25,875,467	29,035,523	29,901,140	36,975,622
	Load	1,407,332	4,727,845	13,386,180	6,430,569	482,443	516,000
	Total	40,458,789	46,459,700	50,412,219	49,726,502	39,985,266	50,119,162

NOTE>> For 2012, the accural below is for Sandy.

See Reliaiblity Tab for *** in Col "D" 5,126,350

	CORE	2013
DPL-DE	Distribution	as of 3/31/2013
	Customer Driven	3,408,389
	Reliability	2,785,554
	Load	111,935
	Total	6,305,878

Co	txtP	txtPi	txtPFI	txtPI	Project Name	Short Description	ISD	txtF	2007	2008	2009	2010	2011	2012	TOTAL
	C	F			RDLBHW2	Millsboro Highway Relocations-Blanket	12/31/2009	1	-67,849	33,360		4,717			-29,772
	C	N			RDLBNL2	New Load - Millsboro (Approved 2005: 6,109,220)	12/31/2009	1						144	144
	C	N			RDLBNL2	New Load - Millsboro (Approved 2005: 6,109,220)	12/31/2009	1	962,085	27,123	479	-44,472			945,215
	O	M			SDLBCH0M	Millsboro - Highway Relocations	12/31/2010	1				-13,471		1,198,279	1,184,808
	O	M			UDLBCMVD	Bay DE - Replace MV Streetlights	12/31/2015	1					98,835		98,835
	C	N			UDLBCMV	Bay Reg: Replace Murcury Vapor St Lits	12/31/2013	1	0	141,751	61,152	249,919	217,131		669,953
	C	N			UDLBCMVD	Bay Reg: Replace Murcury Vapor St Lits DE	12/31/2013	1	0					339,225	339,225
	S	I			UDLBCLEDM	Streetlights - LED Pilot Millsboro	12/31/2010	1				40,894	540		41,434
	C	F			UDLBCH0M	Millsboro - Highway Relocations	12/31/2013	1	456,100	102,953	-243,840	196,845	513,936		1,025,994
	C	N			UDLBCS1M	Millsboro - New Services & St Lights	12/31/2013	1	4,604,160	4,777,391	3,383,542	2,452,978	1,863,180	2,413,229	19,494,480
	C	N			UDLBCS2M	Millsboro - Residential Infrastructure	12/31/2013	1	3,095,720	1,674,340	827,817	474,692	529,379	348,384	6,950,332
	C	N			UDLBCS3M	Millsboro - Facility Relocations	12/31/2013	1	281,872	147,349	246,027	553,898	197,923	228,213	1,655,282
									9,332,088	6,904,267	4,275,177	3,916,000	3,420,924	4,527,474	32,375,929
															0
	R	N			RDLNMR1	Meter Blanket-New Castle	12/31/2012	1	4,491,670	3,439,614	80,500	-3,160			8,008,624
	R	N			RDLNMR3	Residential Advanced Metering	12/31/2005	1	0	0					0
	C	N			RDLNNL1	New Load - Christiana (Approved 2005: 8,422,914)	3/31/2009	1	1,569,422	-594,979	-294,723	-336,297	-1,691		341,732
	C	F			RDLNHW1	Christiana District-Highway Blanket	12/31/2009	1	111,392	-696,730	-21,851				-607,189
	S	U			RDLNUP82	JP Morgan Bank Back-Up Feeder (R)	6/1/2008	1	253,434	217,142		-352,164			118,412
	S	I			RDLNUP213	Edgemoor Circuit 208 Rebuild	5/31/2005	1.01	0	0					0
	S	I	AD47	A- Pri	RDLNUP254	Edgemoor: Upgrade DE0204 & DE0208 for JPMC (Governc	12/31/2008	1	0	0					0
	S	W			RDSNUP64	Edgemoor 69kV Substation Bus work for BankOne	3/31/2004	1.01	0	0					0
	S	W			RDSNUP84	Edgemoor New 138/12kV transformer for Bank One	3/31/2004	1.01	0	0					0
	S	U			RDSNUP87	Keeney EHV Substation work for BankOne	3/31/2004	1.01	0	0					0
	S	U			RDSNUP125	Edgemoor Plant: Upgrade terminal on DE0208 for JPMC ®	5/31/2009	1	0	237,204					237,204
	O	M			SDLNCH0C	Christiana - Highway Relocations	12/31/2010	1				74,399	468,858	-379,438	163,819
	C	N			UDLNCACCR	DPL Reg: New Load Accuals & Emerg	12/31/2013	1	0						0
	S	I			UDLNCACRD	New Load Accruals & Emerg DPL DE	12/31/2015	1	0	0			3,146,440	-253,428	2,893,012
	S	I			UDLNCLEDC	Streetlights - LED Pilot Christiana	12/31/2009	1	0	0	1,683	29,589	527		31,799
	C	I			UDLNCM7C	Dist Lines - Customer Driven Requests - Christiana	12/31/2012	1	0	39,805	109,777	3,901,036		82,772	4,133,390
	C	U			UDLNCM7C.3	Wilimgton Hospital: Construct Backup Feeder	12/31/2010	1	0	100,000		1			100,001

S	L		UDLNCM7C.4	JPMC (Gov Printz): Parallel DE0204 & DE0208	12/31/2011	1				1	-2,776,091		-2,776,090
R	N		UDLNCMR1	Meter Blanket - New Castle Reg	12/31/2013	1	0	0	1,599,650	1,342,309	670,679	1,082,824	4,695,462
R	N		UDLNCMR2	Meter Blanket - AMI - DPL	12/31/2013	1	0	0					0
R	N		UDLNCMR2D	Meter Blanket - AMI NC DE	12/31/2015	1	0	0			1,198,728	237,434	1,436,162
R	N		UDLNCMR3	Meter Load study	12/31/2008	1	0	289,166					289,166
C	N		UDLNCMV	New Castle Reg: Replace Murcury Vapor St Lits	12/30/2013	1	0	452,506	259,727	403,783	45,939	-43,191	1,118,764
S	L		UDLNCMVD	Mercury Vapor St Lights Replace - NC DE	12/31/2015	1					610,438	607,179	1,217,617
S	L		UDLNCNC1	DE0161 Transfer Distribution to new poles City of NC	5/31/2010	1				11,574			11,574
C	F		UDLNCH0C	Christiana - Highway Relocations	12/31/2013	1	934,213	1,543,284	306,733	1,133,747	530,861	2,201,989	6,650,827
C	N		UDLNCS1C	Christiana - New Services & St Lights	12/31/2013	1	4,818,493	4,982,336	3,657,409	2,986,635	1,765,165	3,705,540	21,915,578
C	N		UDLNCS2C	Christiana - Residential Infrastructure	12/31/2013	1	1,364,204	987,373	993,684	751,207	632,938	1,001,450	5,730,856
C	N		UDLNCS3C	Christiana - Facility Relocations	12/31/2013	1	438,264	168,411	182,806	401,750	-112,033	-143,065	936,133
C	U		UDSNCM7C.2	Edgemoor Sub: Install Spare Tr for JPMC	11/1/2008	1	0	100,000					100,000
							13,981,092	11,265,132	6,875,395	10,344,410	6,180,758	8,100,066	56,746,854
													0
							23,313,180	18,169,398	11,150,572	14,260,410	9,601,683	12,627,540	89,122,783
													0
							#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
													0

C	txtP	txtF	txtPFI	txtF	Project Name	Short Description	ISD	txtP	2007	2008	2009	2010	2011	2012	TOTAL	
O	X				RDLBEMG2	Emergency Restoration Blanket - Millsboro	12/31/2008	1	1,475,661	247,105					1,722,766	
S	R				RDLBIR26	Millsboro - Planned URD Cable Replacements	12/31/2012	1	572,045	45,949					617,994	
S	R				RDLBIR33	Avain Protection - Improvements	12/31/2012	1	0	0					0	
S	X				RDLBMS2	Millsboro - Misc Distribution Improvement Blanket	12/31/2008	1	1,245,315	183,272	3,176				1,431,763	
S	X				RDLBMS6	Bay Region: Reject Pole Replacement	12/31/2008	1	136,663	42,487					179,150	
S	X				RDLBMS105	Millsboro Misc. Distribution Improvement Blanket	12/31/2005	1	0	0					0	
S	R				RDLBUP60	Millsboro District-Replace Deteriorated BD Cable	12/31/2012	0.81	398,099	49,340					447,439	
S	I				RDLBUP68	Country Club Estates Cable Replacement	6/30/2006	1	111,733	0					111,733	
S	X				RDLBUP122	Priority Ckt Improvements- Bay Reg	12/31/2008	1	329,366	157,479					486,845	
S	I				RDLBUP180	Bay Region - Install DA Switches & Reclosers	12/31/2012	1	0	0					0	
O	R				RDSBEMG1	Bay Distribution Substation Emergency (Formerly RDSBIR4)	12/31/2008	1	103,629	0	0	0	0	0	103,629	
S	I				RDSBIR3	Bay Distributrion Planned Improvements	12/31/2008	1.15	0	0	0	0	0	0	0	
S	R				RDSBIR5	Distribution Miscellaneous Relay Blanket-Bay	12/31/2008	1	0	0	0	0	0	0	0	
S	R				RDSBIR22	Bay Reg - Misc Sub Equipment Retirement-Distribution	12/31/2012	1	0	0	0	0	0	0	0	
S	R				RDSBIR26	Bay Distribution Substation Bushing Replacements	12/31/2008	1	27,268	0	0	0	0	0	27,268	
S	R				RDSBUP153	Upgrade SCADA/RTU Capability	12/31/2012	1	0	0	0	0	0	0	0	
S	R				RDSBUP165	Bay Reg - Substation SPCC Plans	7/1/2009	1	22,195	-18,335	-3,860	0	0	0	0	
S	R				RDSBUP183	Bay Region Purchase 69/12kV Mobile Unit	5/31/2010	1	0	0	0	0			0	
S	R				UDLBMS5D	Bay DE: Removal & Salvage of Capital Equip	12/30/2013	1.01	0	0				11,735	11,735	
S	R				UDLBOSV5D	Bay DE: Salvage Scrap Wire/Cable	12/30/2013	1.01	0	0				-76,007	-76,007	
S	R				UDLBOSV5DE	Bay DE: Salvage Scrap Wire/Cable	12/30/2013	1.01	0	0				-361,108	-361,108	
S	R	***			UDLBRACRD	BAY-DE - Accural for Reliability	12/31/2017	1.00	0	0				2,135,979	2,135,979	
S	R				UDLBRCP2	Ches-Ply Lines - work for T1 Replac	12/31/2013	1	0	0	0	0		113,846	113,846	
S	R				UDLBRDA1A	UF Distribution Automation Bay Region	12/31/2013	1	0	0	0	0			0	
S	R															ok
S	R				UDLBRM21N	Bay Reg: Misc Reliability Improvements	12/31/2012	1	0	1,016	191,582	728,952	45,377		966,926	
O	X				UDLBRM2M2	Bay MI - Misc Reliability Impvts	12/31/2015	1					5,074	35,907	40,981	
O	X				UDLBRM3M1	Emergency Restoration Blanket - Millsboro	12/31/2013	1		1,657,497	2,276,450	2,752,585	2,181,352	2,143,782	11,011,666	
S	R				UDLBRM4E	Bay Reg: Deteiorated / Reject Pole Replac	12/31/2013	1	0	73,692	180,586	201,497	48,133	145	504,053	
S	R				UDLBRM4F	Bay Reg: Priority Ckt Improvements	12/31/2013	1	0	366,235	706,600	219,136	192,921		1,484,893	

S	R			UDLBRM4H	Bay Reg: Avain Protection Improvements	12/31/2013	1	0	0	0	0	0		0	
S	R			UDLBRM4K	Bay Reg: Priority Fdr Rebuild	12/31/2013	1	0	184,824	0	0			184,824	
S	R			UDLBRM4M	Customer Reliability Improvements-Bay Reg	12/31/2013	1	0	72,539	7,056	129,807	126,368		335,770	
S	X			UDLBRM4MA	Millsboro - Misc Dist Improvement Blanket	12/31/2013	1	0	532,150	1,140,134	1,423,116	869,427	511,114	4,475,941	
S	R			UDLBRM4MC	Millsboro - Replace Deteriorated URD Cable	12/31/2013	1	0	439,472	808,969	1,084,073				ok
S	R			UDLBRM4MD	Millsboro - Planned URD Cable Replacement	12/31/2013	1	0	907,533	960,316	1,361,058				ok
S	I			UDLBRM4ME	Millsboro - Distribution Pole Repl	12/31/2012	1	0				29,247	88,968	118,215	
S	I														ok
S	I			UDLBRM4MJ	Millsboro District - Recloser Replacement	12/31/2013	1	0	166,893	266,769	43,932	92,623	707,907	1,278,124	
S	R			UDLBRM4MM	Customer Reliability Improvement - Millsboro	12/31/2015	1	0				408,039	587,345	995,384	
S	R			UDLBRM4MU	MI - Replac URD Secondary Cables	12/31/2013	1	0	672,837	1,208,637				1,881,474	
S	R			UDLBRM4MW	MI - Instal Tree Wire/Spacer Cable	12/31/2013	1	0					6,501	6,501	
S	R			UDLBRM5MA	IR: Millsboro- URD Infastructure Replacements	12/31/2013	1	0	729,161	125,506				854,667	
S	I	ND12	Pri 3												ok
S	I	ND12	Pri 3												ok
S	I	ND12	Pri 3												ok
O	R			UDSBRD71	Bay Dist Substation Emergency Repalcements	12/31/2013	1	0	13,626	48,260	179,278			241,164	
O	R			UDSBRD71D	Bay Dist Sub Emergency - DE	12/31/2015	1	0				203,191	128,279	331,470	
S	I			UDSBRD8A	Bay Dist Sub Planned Improvements	12/31/2013	1	0	0	0	-2,491			-2,491	
S	I			UDSBRD8AD	Bay Dist Sub Planned Improvements DE	12/31/2013	1	0	0	0			92,675	92,675	
S	R			UDSBRD8B	Dist Miscellaneous Relay Blanket - Bay	12/31/2013	1	0	0	0	0			0	
S	R			UDSBRD8BD	Dist Miscellaneous Relay Blanket - Bay DE	12/31/2013	1	0	0	0	0		12,543	12,543	
S	R			UDSBRD8C	Bay Distribution Substation Breaker Replacement	12/31/2012	1	0	0	0	0			0	
S	R			UDSBRD8E	Bay Distribution Substation Battery and Charger Replacement	12/31/2013	1	0	420	19,228	18,568			38,216	
S	R			UDSBRD8ED	Bay Dist Sub Battery & Charger Repl - DE	12/31/2015	1	0					89,315	89,315	
S	R			UDSBRD8F	Bay Distribution Substation Bushing Replacements	12/31/2013	1	0	5,195	0	5,014			10,209	
S	R			UDSBRD8FD	Bay Distribution Substation Bushing Replacements DE	12/31/2013	1	0		0			44,978	44,978	
S	I				Bay Distribution - PHI Spare Transformers	5/31/2011	1	0	1,175,958	189,794	758,462	19,430		2,143,644	
S	I				BAY - PHI Mobile Transformers	5/31/2012	1					54,925		54,925	
S	I				Bay Region Puchase Mobile Transformer 2011	12/31/2012	1					0		0	
S	R			UDSBRD8ID	Bay DE: Roof Replac	12/31/2013	1	0	0		0		148,223	148,223	

S	R	UDSBRD8M	Upgrade SCADA/RTU Capability	12/31/2013	1	0	0	30,383	0			30,383	
S	R	UDSBRD8MD	Upgrade SCADA/RTU Capability DE	12/31/2013	1	0	0		0			0	
S	R	UDSBRD8N1	Cyber Security Improvs - Bay Reg - Disrt	12/31/2010	1	0	0	0	0			0	
S	R	UDSBRD8P	Bay Reg; Misc Dist Sub Equipment Retirement	12/31/2013	1	0	0	-3,826				-3,826	
S	R	UDSBRD8Q	Bay Reg: SPCC Plans - Add Sub Containment	12/31/2010	1	0	214,623	403,254	288,413	11,894	36,527	954,712	
S	R	UDSBRD8Q1	Bay Reg SPCC Complience: Bkr Repl - Dist	12/31/2012	1	0	0	234,778	0	0		234,778	
S	R	UDSBRD8SA	Bay Reg: Positron Replacement	12/31/2008	1	0	0	0	0			0	
S	R	UDSBRD8SC	Bay Region: Purchase Mobile Unit Trailer & Cables	5/31/2011	1	0	0	0	1,281	88,750	236,166	326,197	
S	R	UDSBRD8SO	Sussex Sub: Replac failed T1 Transf	5/31/2011	1	0	0	0			24,002	24,002	
S	R	UDSBRD8VD	NERC Physical Security Bay DE Dist Subs	5/31/2011	1	0	0	0			49,009	49,009	
S	R												ok
S	R												ok
S	R	UDSBRD9D	IR: Bay Substation Replace Deteriorated Dist Bkrs	12/31/2013	1	0	0	0	6,838	0	215,830	222,668	
S	R	UDSBRD9DD	Replace Deteriorated Dist Brkrs DE	12/31/2015	1	0	0	0		144,520	802,679	947,199	
S	R	UDSBRD9SO	Sussex Sub: Replac T1 Transf	12/31/2013	1	0	0	0		0	137,377	137,377	
S	R												ok
S	R												ok
S	R	UDSBRDA1D	Distribution Automation: Bay Substations	12/31/2015	1	0	0				0	0	
						4,421,974	7,920,968	8,793,792	9,199,520	4,521,272	7,923,718	42,781,244	
												0	
O	X	RDLNEMG1	Emergency Restoration Blanket-Christiana	12/31/2008	1	7,453,015	59,109	42,228	-200			7,554,152	
S	R	RDLNIR13	Christiana District: Replace #2 ACSR Primary with 477 ACSR	12/30/2006	1	0	0					0	
S	R	RDLNIR14	N. Wilmington Sub: Convert 4kV to 12kV	12/30/2008	0.03	114,816	0					114,816	
S	R	RDLNIR15	IR: Rogers Road Sub: Convert 4kV to 12kV	12/30/2008	0.03	0	0					0	
S	R	RDLNIR27	Christiana - Planned URD Cable Replacements	12/31/2012	1	-4,542	0					-4,542	
S	R	RDLNIR29	IR: Christiana - URD Infrastructure Repalcements	12/31/2008	1	0	0					0	
S	X	RDLNMS1	CH- District Misc. Improvement Blanket	12/31/2012	1	1,702,791	998,855	-16,035	-5,026			2,680,585	
S	I	RDLNUP56	Tenth Street Sub: Convert 4kV to 12kV	6/15/2009	2	-455	0	390,993	1,672			392,210	
S	R	RDLNUP121	Christiana - Replace Failed Cable	12/31/2012	0.25	660,910	254,500	125,016	3,408	10,750		1,054,584	

S	I		RDLNUP146	Old Kennett Road: Convert 4kV to 12kv	6/3/2008	0.22	0	0					0	
S	X		RDLNUP199	Priority Circuit Impvts.- Christiana	12/31/2012	1	818,247	5,943					824,190	
S	I		RDLNUP221	Milford Crossroad Ckt. 293 Reliability Improvement	12/31/2004	1.01	0	0					0	
S	I		RDLNUP262	Christiana Dist.-Old Kennett&Cntr Mtg 4/12 Conv	5/31/2009	1	112,935	802,845					915,780	
O	R		RDSNEMG1	New Castle Substation Emergency (fomerly RDSNIR4)	12/31/2012	3	91,340	701,662	36,330	-26,145			803,187	
S	I		RDSNIR3	Substation Planned Improvements - New Castle	12/31/2008	3	65,428	62,624	-657	0			127,396	
S	R		RDSNIR5	Distribution Misc. Relay Blanket	12/31/2008	3	38,347	0	0	0			38,347	
S	R		RDSNIR6	Old Christiana Sub: Retire (69kV)	12/31/2008	1	35,951	0					35,951	
S	R		RDSNIR18	New Castle Substation Misc Equipment Retirement-Distribution	12/31/2012	1	69,135	30,724	0	0			99,859	
S	I		RDSNUP121	New Castle Reg - Substation SPCC Plans	12/31/2008	1	158,387	376,770	10,642	-43,074			502,726	
S	R		UDLNMS5D	NC DE: Removal & Salvage of Capital Equip	12/30/2013	1.01	0	0				-1,661	-1,661	
S	R		UDLNOSV5D	NC DE: Salvage Scrap Wire/Cable	12/30/2013	1.01	0	0				-145,702	-145,702	
S	R	***	UDLNRACRD	NC-DE - Accural for Reliability	12/31/2017	1.00	0	0				2,990,371	2,990,371	
S	R		UDLNRDA1	UF Distribution Automation New Castle Reg	12/30/2013	1.01	0	0		456,864	0		456,864	ok
S	R													ok
S	R		UDLNRM21N	NC Reg: Misc Reliability Improvements	12/31/2011	1	0	0	76,060	1,083,024	608,358	-8,651	1,758,791	
O	X		UDLNRM3C1	Emergency Restoration Blanket-Christiana	12/31/2013	1	0	7,110,534	8,663,847	9,218,021	12,404,954	9,082,965	46,480,321	
S	X		UDLNRM4CA	Misc Dist Improvement Blanket - Christiana	12/31/2013	1	0	217,870	1,499,821	1,400,097	932,286	1,443,005	5,493,079	
S	R													ok
S	R													ok
S	R		UDLNRM4CE	Christiana District-Distrib Pole Repl\Reinf	12/31/2015	1	0				1,285,897	417,566	1,703,463	
S	R													ok
S	R		UDLNRM4CJ	Christiana Distr- Replace Line Reclosers	12/31/2013	1	0	0	103,436	50,169		95,152	248,757	
S	R													ok
S	R		UDLNRM4CM	Customer Reliability Impvts-Christiana	12/31/2013	1	0	253,114	659,659	170,546	459,996	383,405	1,926,720	
S	R		UDLNRM4CR	Wilmington Network Upgrade	12/31/2016	1.01	0	0	468,216	336,193	529,769	830,228	2,164,406	
S	R		UDLNRM4CU	Install Tree Wire/Spacer Cable - Christiana	12/31/2012	1	0	513,086	1,767,414	14,508			2,295,008	
S	R		UDLNRM4CV	CH - Install Rubber-Covered Secondary Wire	12/31/2009	1	0	173,495	147,794	184,133			505,422	
S	R		UDLNRM4H	Avian Protection Improvements	12/31/2012	1	0	0					0	
S	I		UDLNRM4K	NC Region : Priority Fdr Rebuild	12/31/2013	1	0	0					0	
S	R		UDLNRM5BA	IR: Rogers Road Sub: Convert 4kv to 12kv	12/31/2012	1	0	16,979	60,202	755,484	404,497	533,591	1,770,753	

S	R	UDLNRM5BC	Edgemoor - GM: Rebuild Dist Underbuild	12/31/2015	1	0				1,276	416,041	417,317	
S	R												ok
S	R	UDLNRM5ND	NERC Line Upgrades -NC DE	12/31/2015	1	0	0					0	
S	R	UDLNRM5SC	Christiana Sub: Replace Duct Bank	12/31/2015	1	0	0				201,865	201,865	
S	R	UDLNRM5SD	R/C Circuit DE217	12/31/2015	1	0	0				10,231	10,231	
S	R	UDLNRM5SE	Cable Replacemnt for New Switchgear	12/31/2015	1	0	0				77,669	77,669	
S	R												ok
S	R	UDLNRM8BA	N. Wilmington Sub: Convert 4kv to 12kv	12/31/2008	1	0	458,693	918	37			459,648	
S	I	UDLNRM8SA	Edgemoor: Transfer 12kV circuits to 138/12kV T6 transformer	12/31/2009	1.01	0	495,340	43,184				538,524	
S	I	UDLNRM8SB	Edgemoor - Transfer 12kV circuits to new 69/12kV T7 transform	5/31/2011	1.01	0	943,865					943,865	
S	I	UDLNRM8SE	Christiana Distr.-Rebuild OH Rear Lot Dist. Sys	12/31/2012	1	0	0	13,625	3,150			16,775	
S	R	UDLNRM8SG	Brandywine River Crossing Cable Installation	12/31/2010	1.01	0	0		247,714	365,363	-11,417	601,660	
S	R	UDLNRM8SH	Churchmans - Replace Reclosers	12/31/2010	1.01	0	0					0	
S	I	UDLNRM9SB	CH District Replace Steel Poles along 4th St. Wilm	12/31/2012	1	0	0	160,515	269,450	188,010	163,620	781,595	
S	I	UDLNRM9SC	Montchanin Sub: Relocate 34kV and 12kV Circuits	12/30/2012	1	0	0			82,616	601,797	684,413	
O	R	UDSNRD71	New Castle Substation Emergency	12/31/2012	1	0	41,363	92,110	110,772	-14,997	32,390	261,638	
O	R	UDSNRD71D	NC DE: Dist Sub Emergency	12/31/2015	1	0				66,050	137,232	203,282	
S	I	UDSNRD8A	Substation Planned Improvements - New Castle	12/31/2012	1	0	0	3,806	6,771	7,094		17,671	
S	I	UDSNRD8AD	Substation Planned Improvements - New Castle DE	12/31/2012	1	0	0				75,304	75,304	
S	R	UDSNRD8B	Distribution Misc. Relay Blanket	12/31/2012	1	0	99,038	29,206	48,623			176,867	
S	R	UDSNRD8DA	Brookside - DPU Replacements	12/31/2008	1	0	107,046					107,046	
S	R	UDSNRD8DB	New Castle - DPU Replacements	5/31/2009	1	0	1,954	244,141				246,095	
S	R	UDSNRD8DC	West Wilmington - DPU & ITE51Y Replacements	5/31/2009	1	0	99,311	26,942				126,253	
S	R	UDSNRD8DD	Churchmans & Milltown DPU replacements	5/31/2009	1	0	159,626	47,501				207,127	
S	R	UDSNRD8E	New Castle Distrib Sub Battery & Charger Replacement	12/31/2012	1	0	66,570	58,561	70,625	9,085		204,842	
S	R	UDSNRD8ED	NC DE: Dist Sub Battery & Charger Repl	12/31/2015	1	0				65,226	81,917	147,143	
S	R	UDSNRD8F	New Castle Distribution Substation Bushing Replacement	12/31/2012	1	0	0	0	27,915	27,979	267,506	323,400	
S	R	UDSNRD8FD	NC DE Dist Sub Bushing Repl	12/31/2015	1				5,533	138,781		144,314	
S	R	UDSNRD8G	New Castle - PHI Spare Transformers	12/31/2014	1	0	2,056	4,307	1,872,198	753,673	2,057,635	4,689,869	
S	R	UDSNRD8GI	New Castle - Purchase 138/69-12kv Mobile Tr	5/31/2012	1.01	0	0				353,024	353,024	
S	R	UDSNRD8GD	New Castle DE - PHI Spare Transformers	12/31/2014	1.01	0	0			153,916	1,731,516	1,885,432	

S	R	UDSNRD8K	NC Reg: 15kv Switchgear Improvements	12/31/2012	1	0	0	260,958	10,666	27,148		298,772	
S	R	UDSNRD8M	NC Upgrade SCADA/RTU Capability	12/31/2014	1				0			0	
S	R												ok
S	R	UDSNRD8N1	Cyber Security Improvs - NC Reg - Disrt	12/31/2010	1	0	0					0	
S	R	UDSNRD8P	NC Reg: Misc Dist Sub Equipment Retirement	12/31/2013	1	0	-7,236	-3,932	-973			-12,141	
S	R	UDSNRD8PD	IR: NC DE Dist Sub Misc Equip Retire	12/31/2015	1				6,642	39,562	4,556	50,760	
S	R	UDSNRD8Q	New Castle Reg: SPCC Plans Install Sub Containment	12/31/2011	1	0	981,462	981,462	1,004,744	236,994	25,780	3,230,441	
S	R	UDSNRD8Q1	NC Reg SPCC Complience: Bkr Replc - Dist	12/31/2011	1	0	614,290	614,290	664,655	15,263		1,908,498	
S	R	UDSNRD8RB	Old Kennett Road Substation - Cleanup and Retire	12/31/2009	1.01	0	0	36,450	-3,793			32,657	
S	R	UDSNRD8RC	Tenth Street Substation - Cleanup and Retire	12/31/2013	1.01	0	0	11,938	3,872			15,810	
S	R	UDSNRD8RD	Center Meeting Substation - Cleanup and Retire	12/31/2009	1.01	0	0	23,737	-3,793			19,944	
S	R	UDSNRD8SA	Churchmans Recloser Removal	12/31/2008	1	0	0		77,410			77,410	
S	R	UDSNRD8SB	Milford Crossroads: Replace T1 Transformer	12/31/2009	1	0	0	280,162		90		280,252	
S	R	UDSNRD8SC	Bear Sub: Replace Failed T-3 Unit	12/31/2010	1				408,489	715,543	730,598	1,854,630	
S	I	UDSNRD8SD	Christiana Sub: Replac 138/12kv T2 Unit	12/31/2011	1.01	0	0			417,853		417,853	
S	I	UDSNRD8SE	Silverbrook Sub: Replace Failed T3	12/31/2011	1.01	0	0			2,039,218	823,079	2,862,297	
S	I	UDSNRD8VD	NERC Physical Security: NC DE	12/31/2011	1.01	0	0				241,878	241,878	
S	I	UDSNRD9A	IR: Rogers Road Substation - Cleanup and Retire	12/31/2011	1.01	0	0					0	
S	R	UDSNRD9C	IR: New Castle Substation Spare Equipment	12/31/2014	1	0	0					0	
S	R	UDSNRD9D	IR: New Castle Distrib Sub Breaker Replacement	12/31/2013	1	0	0	116,827	328,704	448,855		894,386	
S	R	UDSNRD9DD	IR: NC DE Brkr Repl Dist Sub	12/31/2015	1	0	0			522,873	713,041	1,235,914	
S	R	UDSNRD9FD	IR: NC DE Replace/Upgrade PTs Dist Subs	12/31/2015	1	0	0			78,888	38,839	117,727	
S	R	UDSNRD9HD	IR: New Castle Substation Replc PCB Caps	12/31/2014	1	0	0				322,588	322,588	
S	R	UDSNRD9G	Milford Crossroads T1 Transformer	12/31/2011	1				134,794	502,276		637,070	
S	R	UDSNRD9RB	Madison St. Sub: Retire and Clean-Up	12/31/2011	1	0	0			84,836		84,836	
S	R	UDSNRD9SDD	NC DE - Add Substation Condition Monitoring Points	5/31/2012	1	0	0			100,154	62,358	162,512	
S	R	UDSNRD9SE	IR: Edgemoor 12kv Sub: Upgrd 12kv Bkrs	12/31/2014	1						201,553	201,553	
S	R	UDSNRD9SF	IR: NC Repl Deter Switches Dist Sub	12/31/2014	1				107,986			107,986	
S	R	UDSNRD9SG	Montchanin Sub Install new 34.5-12kV Xfmr.	5/31/2012	1	0	0			1,669,736	2,550,811	4,220,547	
S	R	UDSNRD9SH	Brookside - Replace T2 34/12kv Transf	5/31/2012	1	0	0				1,160,584	1,160,584	
S	R	UDSNRD9SJ	Milford Croosroads - Replace T2	5/31/2012	1	0	0				359,637	359,637	

S	R	UDSNRDA1	UF NC Region: Distribution Automation	12/31/2014	1	0	0		726,151	0	0	726,151	ok
S	R		UF Install ASR Computer		1	0	0			0		0	ok
S	R												ok
S	R	UDSNRD9Y	IR: NC Repl Deter Structures Dist Subs	12/31/2014	1				107,986			107,986	
S	R												ok
						11,316,304	15,641,488	17,081,675	19,836,003	25,379,868	29,051,903	118,307,241	

15,738,278	23,562,456	25,875,467	29,035,523	29,901,140	36,975,622	

C	txtP	txtP	txtPFID	txtPF	Project Name	Short Description	ISD	txtP	2007	2008	2009	2010	2011	2012	TOTAL	
S	R				RDLBIR37	Frankford: Upgrade Feeder Exit Cables	12/31/2008	1	15,376	169,258					184,634	
S	P	AD47		A- Pri 2	RDLBP14	Millsboro - Distribution VAR Correction	12/31/2008	1	28,365	2,419					30,784	
S	I				RDLBUP32	Greenwood-Convert to 25kV & Tie to Harrington 2229	5/31/2004	0.05	0	0					0	
S	P				RDLBUP33	Millsboro District-Dist VAR Correction	5/31/2005	1.9	0	0					0	
S	I				RDLBUP66	MI- Five Pts-Midway: Upgrade	12/31/2009	1	0	0					0	
S	I				RDLBUP108	Kent - Reconductor 13,000 feet of circuit 2233	5/31/2006	1	-342	0					-342	
S	I				RDLBUP113	Five Points - Reconductor Ckt. 528 to 1200A	5/31/2007	1	133,473	0					133,473	
S	I				RDLBUP138	Kent-Build new 600A 25kV Circuit	5/31/2006	1	9,800	0					9,800	
S	R				RDLBUP142	Kent-Circuit 2228 Recloser and Regulator	5/31/2008	1	88,125	4,830					92,955	
S	I				RDLBUP144	Nelson Circuit 514 - Reconductor 4000 ft.	6/15/2007	1	236,394	0					236,394	
S	I				RDLBUP185	Felton: R/C willow Grove Rd	12/31/2008	1	31,042	422,206	8,905				462,153	
S	I				RDSBUP29	Kent T1 Upgrade	5/31/2006	1	0	0					0	
S	I				RDSBUP48	Bridgeville - Install 69/12kV , 28MVA Xfmr & upgrade feede	5/31/2006	1.28	11,926	0					11,926	
S	I				RDSBUP53	Midway-Rebuild 69/12kV Station	5/31/2005	1.03	0	0					0	
S	I				RDSBUP145	Kent-Upgrade Circuit 2233 Terminal to Rating	5/31/2006	1.79	0	0					0	
S	I				RDSBUP166	Kent-Breaker/Switch Work for new 25kV Circuit	5/31/2006	1	0	0	-8,651				-8,651	
S	I	BD15		TBD	RDSBUP167	Magnolia Area2 30/25kV Substation-Purchase Property	5/31/2009	1	11,271	12,989	1,093,318	9,038			1,126,616	
S	P				RDLBP11	Install Distribution Capacitors for RTEP	5/31/2009	1	132,247	43,058	-1,250	-7,595			166,461	
S	P	ND10		Pri 1	UDLBPN7	Install Distribution Capaccitors for RTEP	5/31/2009	1	0	0	0	0			0	
S	I				UDLBPN71	Cedar Neck to Rehoboth Distribution Relocation	5/31/2008	1	0	1,078,833					1,078,833	
S	P				UDLBPN9SA	Millsboro-Zoar: Relocate Dist for Trans Line Work	12/31/2008	1	0	151,815					151,815	
S	P				UDLBPCS1	Harbeson - Lank Distribution	12/31/2010	1				153,279			153,279	
S	P				UDLBPN79A	Bethany 138kV Sub: Install Station Service	12/31/2010	1				199,813			199,813	
S	I				UDLBPN7B	Cool Springs: Install 3-Phase Service to Substation	12/31/2010	1				102,466			102,466	
S	I				UDLBPN7C	Five Points to Lank: Relocate Distribution	5/31/2011	1					454,363		454,363	
S	I				UDLBPN7DD	Underbuilt Disttribution Rebuilds: Bay DE	5/31/2011	1						2,051	2,051	
S	I				UDSBPN79A	Bethany - Establish 138/12kV 50MVA Transformer	5/31/2010	1	0	0	312,022	3,957,402			4,269,424	
S	I				UDLBLM7M	Feeder Load Relief - Millsboro	12/31/2009	1	0	1,210,682	2,339,125	253,482			3,803,289	ok
S	I	ND10		Pri 1												ok
S	I	AD50		A- Pri 5	UDLBLM7M.17	Millsboro 2271: Install Reclosers	5/31/2009	1	0	0					0	

Load Driven

S	I	AD47	A- Pri 2	UDLBLM7M.18	Five Points/Midway/Rehoboth-R/C Feeder Sections to 1200A	5/31/2008	1.03	0						0	
S	I	ND10	Pri 1												ok
S	I	ND10	Pri 1	UDLBLM7M.20	Rehoboth: DE0519 - Reconductor Feeder	5/31/2009	1	0	0					0	
S	I														ok
S	I	ND10	Pri 1												ok
S	I	ND11	Pri 2	UDLBLM7M.23	Nr Seaford DE0517: R/C 0.25 miles of Feeder	5/31/2009	1	0	0					0	
S	I	ND10	Pri 1	UDLBLM7M.24	Laurel DE0507: R/C 0.5 miles of Feeder	5/31/2009	1	0	0					0	
S	I	AD49	A- Pri 4	UDLBLM7M.3	Sussex DE0525: Reconductor with 477 AAC	5/31/2008	1	0	0					0	
S	I			UDLBLM7M.30	N. Seaford DE0516 Extend B Phase Along Woodpecker Rd	5/31/2009	1	0	0					0	
S	I			UDLBLM7M.31	North Seaford DE0517: Extend A-Phase	5/31/2009	1	0	0					0	
S	I	AD47	A- Pri 2	UDLBLM7M.4	Bridgeville T1: Create New Feeder DE0518	5/31/2008	1	0	0					0	
S	I	AD49	A- Pri 4	UDLBLM7M.5	Five Points DE0530: Install Reclosers & Replace Regulator	5/31/2008	1	0	0					0	
S	I	AD49	A- Pri 4												ok
S	I	AD49	A- Pri 4												ok
S	I	AD49	A- Pri 4												ok
S	I	AD49	A- Pri 4												ok
S	I	BD15	TBD												ok
								697,677	3,096,090	3,743,470	4,667,885	454,363	2,051	12,661,535	
S	I	BD15	TBD	UTLBLMG1	Magnolia Area 230/25kV Subsation-Transmission Line	5/31/2014	1	0	0					0	
								0	0	0	0	0	0		
S	P			RDLNMS15	Install Capacitors - Christiana District	12/31/2005	0.16	0	0					0	
S	N			RDLNNL7	Irishtown / 0337: Extend Circuit	5/31/2006	1.01	2,046	0					2,046	
S	P	AD47	A- Pri 2	RDLNP12	Christiana - Distribution VAR Correction	12/31/2012	1	38,614	5,651					44,265	
S	I	ND7	pung,M	RDLNUP35	Hockessin Sub: Relocate 12 kV Feeders	6/3/2006	2	0	0					0	
S	I			RDLNUP37	Hares Corner: Install 5th 12 kV Circuit	12/31/2007	3	0	0					0	
S	I			RDLNUP38	Mt. Pleasant / 2541: Reconductor Bohemia Mill Rd with 1/0	5/31/2006	1	0	0					0	
S	I			RDLNUP58	Glasgow circuit 3324 extension - Pulaski Hwy	5/31/2004	1	0	0					0	
S	I			RDLNUP59	Milford Xrd's / 293: Transfer 1.5 MVA to New Line from NE	12/31/2006	1	46,375	0					46,375	
S	I			RDLNUP75	Hares Corner: Install 6th 12kV Circuit	6/30/2007	1.01	0	0					0	
S	I			RDLNUP77	Silverside Ckt. 274 - Reconductor Bottle Neck at Graylyn Cre	4/1/2004	1.01	0	0					0	

Load Driven

S	I			RDLNUP78	Mt. Pleasant , Reconductor 3 miles of circuit 2541	5/31/2005	1.01	0	0					0	
S	I			RDLNUP149	Townsend / 2511: Reconductor a portion with 477 AAC	6/30/2007	2	379,324	0					379,324	
S	I			RDLNUP200	Keeney Third 12kV Circuit	5/31/2005	1.01	0	0					0	
S	I			RDLNUP201	Sunset Lake - New 25kV Circuit	12/31/2005	1.01	0	0					0	
S	I			RDLNUP204	Rising Sun / 357: Reconductor Biggs Hgwy with 477 AAC	5/31/2006	1.01	0	0					0	
S	I			RDLNUP216	West Circuit 149: Reconductor Water St. Newport	5/31/2005	1	0	0					0	
S	U			RDLNUP220	Harmony / 3354: Reconductor and Parallel 3-1c 750 Cu	5/31/2006	1.01	0	0					0	
S	I			RDLNUP225	Keeney / 3314: Install New 34/12kV Padmount and 12kV Lir	3/31/2008	1.01	19,884	75,383					95,267	
S	I			RDLNUP239	New Castle Sub 167/169: transfers and Upgrades for Overloa	6/15/2007	1	0	0					0	
S	I			RDSNUP19	Kiamensi - Upgrade T2	5/31/2009	1	0	0					0	
S	I	ND7	pung,M	RDSNUP39	Hockessin Sub: Install 2nd 138/12 kV Xfmr & 138 kV temina	5/31/2006	2	0	0					0	
S	I			RDSNUP72	Mt. Pleasant 25kV breaker for 3rd circuit	5/31/2004	3	0	0					0	
S	I			RDSNUP96	Valley Road 138-12kV Substation	5/31/2005	1.01	0	0					0	
S	I			RDSNUP108	Sunset Lake New 138/25kV 40MVA Transformer	9/30/2005	1.01	0	0					0	
S	P			RDLNP11	Install Distribution Capacitors for RTEP	12/31/2009	1	216,818	0	0	0	0		216,818	
S	P	ND10	Pri 1	UDLNPN7	Install Distribution Capacitors for RTEP	5/31/2009	1	0	123,984	621,362	0	0		745,347	
S	P			UDLNPRL1	Red Lion: Dist Work for Sta Serv	12/31/2008	1	0	90,099	690				90,789	
S	P			UDLNPBC1	Dist Line Work for Brandywine Sub Expansion	5/31/2013	1	0				21,647	162,261	183,908	
S	P			UDLNPHR1	Dist Line Work for Harmony Sub Expansion	5/31/2013	1	0				6,433	352,691	359,124	
S	I			UDSNPN7	Brandywine Sub - Add a 2nd Stage 5.4 MVAR 12kV cap	5/31/2009	1	0	0				-1,003	-1,003	
S	I			UDLNLM7C	Feeder Load Relief - Christiana	12/31/2012	1	0	614,153	1,149,146	1,734,633			3,497,932	ok
S	I	ND10	Pri 1												ok
S	I	ND7	pung,Mike												ok
S	I			UDLNLM7C.12	Cedar Creek 2nd 25kV Circuit	6/30/2009	1.01	0	0					0	
S	I			UDLNLM7C.13	Darley Rd 34kV: Upgrade Circuit DE3333 (R)	5/31/2014	1	0						0	
S	I	ND10	Pri 1	UDLNLM7C.14	Mt Pleasant DE2541: Transfer Load from 2542	5/31/2009	1	0	0					0	
S	I	ND10	Pri 1	UDLNLM7C.15	Townsend DE2512: Upgrade Step-down Transformer	5/31/2009	1	0	0					0	
S	I	ND10	Pri 1	UDLNLM7C.16	Cedar Creek DE2500: R/C Black Diamond Road	5/31/2009	1	0	0					0	
S	I	ND10	Pri 1												ok
S	I			UDLNLM7C.5	Silverside Rd 34kV: Upgrade DE3332	10/31/2008	1	0						0	
S	I	AD48	A- Pri 3	UDLNLM7C.6	Silverside DE0273 - R/C approx. 500 Ft. Cable	5/31/2009	1	0	0					0	

Load Driven

S	I	AD47	A- Pri 2	UDLNLM7C.7	Cedar Creek DE2500: Feeder Reconfiguration	5/31/2008	1	0	0					0	
S	I	AD47	A- Pri 2	UDLNLM7C.8	Edgemoor Plant: Transfer DE0202 & DE0218 to T6 138/12k	5/31/2008	1	0						0	
S	I	AD47	A- Pri 2	UDLNLM7C.9	Naamans DE0280 ; R/C 100ft of 1/0 ALURD_15 Cable	5/31/2008	1	0						0	
S	I	ND16	TBD	UDLNLMP1	Mt. Pleasant Sub: Move Feeder 2542 to new 138/25kV Trans	5/31/2009	1	0	0	28,541	5,406			33,947	
S	I														ok
S	I			UDSNLM78D	Cedar Creek: Add 25kV Breaker for 2nd Circuit	5/31/2009	1.01	0	0					0	
S	I			UDSNLM78E	Edgemoor Switchyard: Install New 69/12kV transformer	5/31/2009	1.01	0	657,606	4,581,922	22,645			5,262,173	
S	I	ND9	bung,Mike												ok
S	I	ND16	TBD	UDSNLMP1	Mt. Pleasant Sub: Add 2nd 138/25kV Transformer	5/31/2009	1.01	6,593	64,879	3,261,049				3,332,521	
								709,654	1,631,755	9,642,710	1,762,684	28,080	513,949	14,288,834	
														0	
								1,407,332	4,727,845	13,386,180	6,430,569	482,443	516,000	26,950,369	

Items	Project ID	FERC Area	Budget Category	Type of Project	State	Region	Actual Dollars 2013 ($)	
Bay DE - Repl	UDLBCMVD	Distributior	Customer Drive	Line	DE	Bay	12,279	
Bay DE Transr	UDLBCSOLD	Distributior	Customer Drive	Line	DE	Bay	0	
Bay Region De	UDSBCSOLD	Distributior	Customer Drive	Substation	DE	Bay	0	
Christiana - Fa	UDLNCS3C	Distributior	Customer Drive	Line	DE	New Castle	26,427	
Christiana - Hi	UDLNCH0C	Distributior	Customer Drive	Line	DE	New Castle	199,555	
Christiana - Ne	UDLNCS1C	Distributior	Customer Drive	Line	DE	New Castle	676,380	
Christiana - Re	UDLNCS2C	Distributior	Customer Drive	Line	DE	New Castle	222,900	
DE - NEW LO/	UDLNCACRD	Distributior	Customer Drive	Line	DE	New Castle	0	
DPL Reg: New	UDLNCACCR	Distributior	Customer Drive	Line	DE	New Castle	-	
Mercury Vapor	UDLNCMVD	Distributior	Customer Drive	Line	DE	New Castle	41,387	
Meter Blanket	UDLNCMR2	Distributior	Customer Drive	Line	DE	New Castle	-	
Meter Blanket	UDLNCMR2D	Distributior	Customer Drive	Line	DE	New Castle	480,373	
Meter Blanket	UDLNCMR1	Distributior	Customer Drive	Line	DE	New Castle	131,960	
MI- Facility Rel	UDLBCS3M	Distributior	Customer Drive	Line	DE	Bay	25,300	
MI- New Servic	UDLBCS1M	Distributior	Customer Drive	Line	DE	Bay	1,101,482	
Millsboro - Higl	UDLBCH0M	Distributior	Customer Drive	Line	DE	Bay	374,193	
MI-Residential	UDLBCS2M	Distributior	Customer Drive	Line	DE	Bay	116,153	
					Customer Care		**3,408,389**	
Bear DE0752:	UDLNLM7C.11	Distributior	Load Driven	Line	DE	New Castle	-	
Underbuilt Dist	UDLBPN7DD	Distributior	PJM/RTEP	Line	DE	Bay	22,831	
CHRISTIANA I	UDLNLM7C	Distributior	Load Driven	Line	DE	New Castle	0	
CHRISTIANA -	UDLNLM7C.10	Distributior	Load Driven	Line	DE	New Castle	-	
MERMAID DE	UDLNLM7C.17	Distributior	Load Driven	Line	DE	New Castle	-	
Install Dist. Re	UDLNLM7C.2	Distributior	Load Driven	Line	DE	New Castle	-	
Distribution Lir	UDLNPBC1	Distributior	PJM/RTEP	Line	DE	New Castle	86,238	
Brandwine to E	UDLNPBC2	Distributior	PJM/RTEP	Line	DE	New Castle	2,866	
Cedar Neck S	UDSBLM76A	Distributior	Load Driven	Substation	DE	Bay	0	
Future Project	UDSBLM7D	Distributior	Load Driven	Substation	DE	Bay	-	
Magnolia Area	UDSBLMG2	Distributior	Load Driven	Substation	DE	Bay	-	111,935
Midway Subst	UDSBLMW1	Distributior	Load Driven	Substation	DE	Bay	-	

NC-DE Future	UDSNLM7D	Distributior Load Driven	Substation Load	DE	New Castle	- 111,935	0
12kV ACB Ref	UDSNRD9K	Distributior Reliability Drive	Substation	DE	New Castle	-	
BAYDERemov	UDLBMS5D	Distributior Reliability Drive	Line	DE	Bay	6,464	
Bay DE Reg: S	UDLBOSV5DE	Distributior Reliability Drive	Line	DE	Bay	-79,658	
BAY-DE - Acc	UDLBRACRD	Distributior Reliability Drive	Line	DE	Bay	0	
Distribution Au	UDLBRDA1D	Distributior Reliability Drive	Line	DE	Bay	-	
Emergency Re	UDLBRM3M1	Distributior Reliability Drive	Line	DE	Bay	420,012	
Millsboro Misc.	UDLBRM4MA	Distributior Reliability Drive	Line	DE	Bay	111,218	
Millsboro Distri	UDLBRM4ME	Distributior Reliability Drive	Line	DE	Bay	0	
Millsboro Aviar	UDLBRM4MH	Distributior Reliability Drive	Line	DE	Bay	0	
Millsboro Distri	UDLBRM4MJ	Distributior Reliability Drive	Line	DE	Bay	15,411	
Customer Reli	UDLBRM4MM	Distributior Reliability Drive	Line	DE	Bay	57,807	
Millsboro - Pac	UDLBRM4MO	Distributior Reliability Drive	Line	DE	Bay	-	
Millsboro - Up	UDLBRM4MQ	Distributior Reliability Drive	Line	DE	Bay	0	
Bishop Substa	UDLBRM4RC	Distributior Reliability Drive	Line	DE	Bay	228,840	
NERC Line Up	UDLBRM5MD	Distributior Reliability Drive	Line	DE	Bay	-	
IR: Millsboro -	UDLBRM5MZ	Distributior Reliability Drive	Line	DE	Bay	-	
NERC Line Up	UDLBRM5ND	Distributior Reliability Drive	Line	DE	Bay	0	
Distribution Tr	UDLNMS3D	Distributior Reliability Drive	Line	DE	New Castle	0	
NC DE Remov	UDLNMS5D	Distributior Reliability Drive	Line	DE	New Castle	9,846	
NC DE Reg: S	UDLNOSV5D	Distributior Reliability Drive	Line	DE	New Castle	0	
NC-DE - Accru	UDLNRACRD	Distributior Reliability Drive	Line	DE	New Castle	-8,472,111	
Emergency Re	UDLNRM3C1	Distributior Reliability Drive	Line	DE	New Castle	3,847,026	
Misc. Improver	UDLNRM4CA	Distributior Reliability Drive	Line	DE	New Castle	962,534	
Christiana Dist	UDLNRM4CE	Distributior Reliability Drive	Line	DE	New Castle	229,314	
Christiana Avi	UDLNRM4CH	Distributior Reliability Drive	Line	DE	New Castle	0	
Replace Line F	UDLNRM4CJ	Distributior Reliability Drive	Line	DE	New Castle	110,675	
Customer Reli	UDLNRM4CM	Distributior Reliability Drive	Line	DE	New Castle	196,682	
Christiana: Pa	UDLNRM4CO	Distributior Reliability Drive	Line	DE	New Castle	-	
Christiana: Up	UDLNRM4CQ	Distributior Reliability Drive	Line	DE	New Castle	0	
Wilmington Ne	UDLNRM4CR	Distributior Reliability Drive	Line	DE	New Castle	-8,054	
Install tree wire	UDLNRM4CU	Distributior Reliability Drive	Line	DE	New Castle	-	

NC Region : Pı	UDLNRM4K	Distributior Reliability Drive Line	DE	New Castle	-
NERC Line Up	UDLNRM4MD	Distributior Reliability Drive Line	DE	New Castle	-
Rogers Road S	UDLNRM5BA	Distributior Reliability Drive Line	DE	New Castle	0
EDGEMOOR T	UDLNRM5BC.1	Distributior Reliability Drive Line	DE	New Castle	-
NERC Line Up	UDLNRM5ND	Distributior Reliability Drive Line	DE	New Castle	0
Christiana Sub	UDLNRM5SC	Distributior Reliability Drive Line	DE	New Castle	1,633,700
DE0217 Recor	UDLNRM5SD	Distributior Reliability Drive Line	DE	New Castle	114,619
Cable Replace	UDLNRM5SE	Distributior Reliability Drive Line	DE	New Castle	236,958
Rebuild OH Re	UDLNRM8SE	Distributior Reliability Drive Line	DE	New Castle	0
Churchmans -	UDLNRM8SH	Distributior Reliability Drive Line	DE	New Castle	0
Wilmington Ste	UDLNRM9SB	Distributior Reliability Drive Line	DE	New Castle	27,361
MILLTOWN RI	UDLNRMT1	Distributior Reliability Drive Line	DE	New Castle	0
Bay Dist. Sub.	UDSBRD71D	Distributior Reliability Drive Substation	DE	Bay	0
Bay Dist Sub F	UDSBRD8AD	Distributior Reliability Drive Substation	DE	Bay	0
Bay Dist Sub F	UDSBRD8BD	Distributior Reliability Drive Substation	DE	Bay	17,072
Laurel - DPU F	UDSBRD8DD	Distributior Reliability Drive Substation	DE	Bay	637
Bay Dist. Subs	UDSBRD8ED	Distributior Reliability Drive Substation	DE	Bay	53,779
Bay Dist. Subs	UDSBRD8FD	Distributior Reliability Drive Substation	DE	Bay	9,320
Bay Distribuitic	UDSBRD8G	Distributior Reliability Drive Substation	DE	Bay	293,557
Bay DE - Purcl	UDSBRD8G2D	Distributior Reliability Drive Substation	DE	Bay	0
Bay Region DE	UDSBRD8G3D	Distributior Reliability Drive Substation	DE	Bay	0
Bay Region DE	UDSBRD8G4D	Distributior Reliability Drive Substation	DE	Bay	0
Bay-Replace D	UDSBRD8ID	Distributior Reliability Drive Substation	DE	Bay	0
Upgrade SCAI	UDSBRD8MD	Distributior Reliability Drive Substation	DE	Bay	0
Surplus Dist Sı	UDSBRD8PD	Distributior Reliability Drive Substation	DE	Bay	0
Greenwood Su	UDSBRD8RB	Distributior Reliability Drive Substation	DE	Bay	0
Wyoming Subs	UDSBRD8RG	Distributior Reliability Drive Substation	DE	Bay	0
Physical Secur	UDSBRD8VD	Distributior Reliability Drive Substation	DE	Bay	158
Replace Deteri	UDSBRD9DD	Distributior Reliability Drive Substation	DE	Bay	52,316
Replace aging	UDSBRD9GD	Distributior Reliability Drive Substation	DE	Bay	-
North Seaford	UDSBRD9SG	Distributior Reliability Drive Substation	DE	Bay	0
Sussex - Repla	UDSBRD9SX1	Distributior Reliability Drive Substation	DE	Bay	0
Bay Replace D	UDSBRD9YD	Distributior Reliability Drive Substation	DE	Bay	-
Bay Region Re	UDSBRD9ZD	Distributior Reliability Drive Substation	DE	Bay	-
Bay: DE Dist S	UDSBRM61D	Distributior Reliability Drive Substation	DE	Bay	-
New Castle Su	UDSNRD71	Distributior Reliability Drive Substation	DE	New Castle	-33,188
NC - DE SUBS	UDSNRD71D	Distributior Reliability Drive Substation	DE	New Castle	57,118
Substation Pla	UDSNRD8A	Distributior Reliability Drive Substation	DE	New Castle	-
NC - DE Subst	UDSNRD8AD	Distributior Reliability Drive Substation	DE	New Castle	556
NC DE Dist Mi	UDSNRD8BD	Distributior Reliability Drive Substation	DE	New Castle	0
NC DE: Dist Sı	UDSNRD8ED	Distributior Reliability Drive Substation	DE	New Castle	0
NC DE: DIST S	UDSNRD8FD	Distributior Reliability Drive Substation	DE	New Castle	7,003

New Castle PH	UDSNRD8G	Distributior Reliability Drive Substation	DE	New Castle	131,733
New Castle - F	UDSNRD8G1	Distributior Reliability Drive Substation	DE	New Castle	13,225
Christiana Sub	UDSNRD8GD	Distributior Reliability Drive Substation	DE	New Castle	185,172
NC Reg: 15kv	UDSNRD8K	Distributior Reliability Drive Substation	DE	New Castle -	
DPL DE - Swit	UDSNRD8KD	Distributior Reliability Drive Substation	DE	New Castle -	
NC Reg: Misc	UDSNRD8P	Distributior Reliability Drive Substation	DE	New Castle -	
IR NC DE: Dis	UDSNRD8PD	Distributior Reliability Drive Substation	DE	New Castle	0
North Wilmingt	UDSNRD8RA	Distributior Reliability Drive Substation	DE	New Castle -	
Tenth Street S	UDSNRD8RC	Distributior Reliability Drive Substation	DE	New Castle	2,858
CHURCHMAN	UDSNRD8SA	Distributior Reliability Drive Substation	DE	New Castle	0
SILVERBROO	UDSNRD8SE	Distributior Reliability Drive Substation	DE	New Castle	333,712
Chapel Street	UDSNRD8SI	Distributior Reliability Drive Substation	DE	New Castle	0
NERC Physica	UDSNRD8VD	Distributior Reliability Drive Substation	DE	New Castle	9,767
IR Roger Roac	UDSNRD9A	Distributior Reliability Drive Substation	DE	New Castle -	
NC DE: Break	UDSNRD9DD	Distributior Reliability Drive Substation	DE	New Castle	172,832
IR: NC DE DIS	UDSNRD9FD	Distributior Reliability Drive Substation	DE	New Castle	28,387
Replace Deter	UDSNRD9G1	Distributior Reliability Drive Substation	DE	New Castle -	
NC DE SUBS:	UDSNRD9HD	Distributior Reliability Drive Substation	DE	New Castle	17,243
Naamans Sub	UDSNRD9KC	Distributior Reliability Drive Substation	DE	New Castle -	
Mermaid Subs	UDSNRD9KD	Distributior Reliability Drive Substation	DE	New Castle -	
West Wilmingt	UDSNRD9KE	Distributior Reliability Drive Substation	DE	New Castle -	
Churchmans S	UDSNRD9KF	Distributior Reliability Drive Substation	DE	New Castle -	
Milltown Subst	UDSNRD9KG	Distributior Reliability Drive Substation	DE	New Castle -	
Sunset Lake S	UDSNRD9KH	Distributior Reliability Drive Substation	DE	New Castle -	
Talleyville Sub	UDSNRD9KI	Distributior Reliability Drive Substation	DE	New Castle -	
Edge Moor Sul	UDSNRD9SE	Distributior Reliability Drive Substation	DE	New Castle	369
Brookside Sub	UDSNRD9SH	Distributior Reliability Drive Substation	DE	New Castle	1,337,932
Milford Crossr	UDSNRD9SJ	Distributior Reliability Drive Substation	DE	New Castle	329,133
West Sub. Re	UDSNRD9SK	Distributior Reliability Drive Substation	DE	New Castle	116,217
West Sub. Re	UDSNRD9SL	Distributior Reliability Drive Substation	DE	New Castle	0
Kiamensi T2: F	UDSNRD9SM	Distributior Reliability Drive Substation	DE	New Castle	0
Talleyville T2:	UDSNRD9SN	Distributior Reliability Drive Substation	DE	New Castle -	
IR: NC Repl D	UDSNRD9Y	Distributior Reliability Drive Substation	DE	New Castle -	
IR: NC-DE Re	UDSNRD9YD	Distributior Reliability Drive Substation	DE	New Castle -	
NC DE Repl D	UDSNRD9ZD	Distributior Reliability Drive Substation	DE	New Castle	0
UF NC Region	UDSNRDA1	Distributior Reliability Drive Substation	DE	New Castle -	
Milltown: Mov	UDSNRMT2	Distributior Reliability Drive Substation	DE	New Castle	0
		Reliability			2,785,554
			Total Distribution		**6,305,878**

PSC DOCKET NO. 13-115
DELAWARE PUBLIC SERVICE COMMISSION STAFF
FOLLOW UP SET OF RELIABILITY DATA REQUESTS
TO DELMARVA POWER & LIGHT COMPANY

Question No. : PSC-REL-7

Please provide a copy of the Reliability Enhancement Plan (REP) for (a) PHI, (b) total Delmarva and(c) Delmarva Delaware that was in effect and provided the framework for the company's analysis and selection of the 2012 and 2013 REP projects listed in Attachment A to AG-REL-3.

RESPONSE:

(a) REPs are developed for each individual utility, not at the holding company level.
(b) Delmarva objects to use of the Maryland REP on the grounds that it is irrelevant. Without waiving any objections, see PSC-REL-7 Attachment.
(c) AG-REL-3 Attachment A defines the REP in Delmarva's Delaware Reliability Enhancement Plan.

Respondent: Michael W. Maxwell

PSC DOCKET NO. 13-115
DELAWARE PUBLIC SERVICE COMMISSION STAFF
FOLLOW UP SET OF RELIABILITY DATA REQUESTS
TO DELMARVA POWER & LIGHT COMPANY

Question No. : PSC-REL-10

Please refer to the lists of "REP" projects in AG-REL-3 Attachment A and "non-REP" projects in AG-REL-3 Attachment B. Many projects on the non-REP list have descriptions similar to those on the REP list (e.g., distribution automation, URD cable replacement, priority circuit improvement).

(a) Please clarify what factors and criteria the company uses to designate which of seemingly similar project types should be considered REP versus non-REP.
(b) Which projects on the 2012 REP project list would otherwise be performed as a non-REP project in a future year?
(c) Please explain how the company capital project identification, analysis and planning processes differ in order to separately distinguish projects considered to be REP versus non-REP.
(d) Please describe the criteria used to select candidates for each project group (e.g., URD) and the process and values used to create the cutoff point each year.
(e) Please describe the follow-up process used to determine if the expected reliability improvement by each project was achieved.
(f) Please provide any analysis of the original estimated cost versus actual costs for REP and non-REP projects.

RESPONSE:

a. See response to PSC- REL-8 a.

b. None.

c. See response to PSC-REL-8 b.

d. See response to AG-REL-65.

e. Delmarva tracks its monthly reliability performance to determine if reliability improvements have been achieved. See AG-REL-19 Attachments A-D.

f. See AG-GEN-1 Attachments A and C.

Respondent: Michael W. Maxwell

PSC DOCKET NO. 13-115
DELAWARE PUBLIC SERVICE COMMISSION STAFF
FOLLOW UP SET OF RELIABILITY DATA REQUESTS
TO DELMARVA POWER & LIGHT COMPANY

Question No. : PSC-REL-29

PHI filed a report with the Maryland Public Service Commission in Case No. 9298 titled "Short Term Enhancement Plans for Potomac Electric Power Company and Delmarva Power & Light Company and Comments on the Recommendations on the Report of the Grid Resiliency Task Force," dated May 31, 2013. Please provide documents or analyses that similarly delineate the same issues in that report but for Delmarva's Delaware territory.

RESPONSE:

The requested analysis has not been performed.

Respondent: Michael W. Maxwell