COUNCIL COMMITTEE OF THE WHOLE
AGENDA

FEBRUARY 9, 2016 - 6:00 P.M.

CITY HALL COUNCIL CHAMBERS
15 LOOCKERMAN PLAZA
DOVER, DELAWARE

PUBLIC COMMENTS ARE WELCOMED ON ANY ITEM AND WILL BE PERMITTED AT APPROPRIATE TIMES. WHEN POSSIBLE, PLEASE NOTIFY THE CITY CLERK (736-7008 OR E-MAIL AT CITYCLERK@DOVER.DE.US) SHOULD YOU WISH TO BE RECOGNIZED.

PARKS, RECREATION, AND COMMUNITY ENHANCEMENT COMMITTEE

AGENDA ADDITIONS/DELETIONS

1. **DRAFT COMMITTEE STRATEGIC PLAN TO SUBMIT FOR STAFF REVIEW**

2. **COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) PROGRAM QUARTERLY UPDATE (OCTOBER, NOVEMBER, AND DECEMBER)**
   (COMMITTEE ACTION NOT REQUIRED)

3. **CITIZEN SUGGESTION - ECONOMIC EMPOWERMENT (CLAY HAMMOND)**

4. **ADJOURNMENT**

UTILITY COMMITTEE

AGENDA ADDITIONS/DELETIONS

1. **ADDITIONAL POWER SUPPLY ALTERNATIVES**
   (STAFF RECOMMENDS AUTHORIZING THE ENERGY MANAGER TO EXPLORE TWO (2) EXCEPTIONS TO THE GOVERNING ENERGY COMMODITY RISK POLICY TO PURSUE NEGOTIATIONS FOR TWO (2) SEPARATE COMMODITY TRANSACTIONS INTENDED TO MEET THE CITY'S ELECTRIC LOAD REQUIREMENTS AND REDUCE THE CITY'S RISK)

2. **QUARTERLY REVIEW OF UTILITY RELATED CAPITAL INVESTMENT PLAN (CIP) (ELECTRIC AND WATER/WASTEWATER)(OCTOBER, NOVEMBER, AND DECEMBER)**
   (COMMITTEE ACTION NOT REQUIRED)

3. **TEA/NAES REPORT (OCTOBER, NOVEMBER, AND DECEMBER)**
   (STAFF RECOMMENDS ACCEPTANCE OF THE REPORT)

UTILITY COMMITTEE (CONTINUED)

4. UPDATES
(COMMITTEE ACTION NOT REQUIRED ON THE BELOW ITEMS)
- **A. GREEN ENERGY FUNDING AND PROGRAMMING**
- **B. NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4) PERMIT**
- **C. GARRISON OAK TECHNICAL PARK PROJECT UPDATES**
  - **C-1. CITY INFRASTRUCTURE**
  - **C-2. CALPINE ENERGY CENTER**
  - **C-3. DOVER SUN PARK**

5. ADJOURNMENT

LEGISLATIVE, FINANCE, AND ADMINISTRATION COMMITTEE

AGENDA ADDITIONS/DELETIONS

1. DISCUSSION - ELECTRIC CUTOFF PROCESS REVIEW

2. PROPOSED ORDINANCES
- **A. #2016-01 WITH STAFF AMENDMENT #1 (SA#1) AMENDING CHAPTER 18 - ANIMALS, SECTION 18-1 - DEFINITIONS, AND APPENDIX B - ZONING, ARTICLE 3 - DISTRICT REGULATIONS, SECTION 1 - ONE-FAMILY RESIDENCE ZONES [(R-20, R-15, R-10, R-8 AND R-7)], SUBSECTION 1.1 - USES PERMITTED, SUBSECTION 1.15 - ACCESSORY USES, LIMITED TO THE FOLLOWING:, PARAGRAPH (D) - KEEPING DOMESTIC ANIMALS AND ARTICLE 12 - DEFINITIONS** (REFERRED BACK TO COMMITTEE BY CITY COUNCIL DURING THEIR REGULAR MEETING OF JANUARY 25, 2016)
- **B. #2016-07 - SECOND BUDGET AMENDMENT FOR FISCAL YEAR 2015/2016**

3. REPORT OF INDEPENDENT PUBLIC ACCOUNTANTS FOR THE FISCAL YEAR ENDING JUNE 30, 2015
(COMMITTEE ACTION NOT REQUIRED)

4. ADJOURNMENT

/TM
S:\AGENDAS-MINUTES-PACKETS-PRESENTATIONS-ATT&EXH\COMMITTEE-AGENDAS\2016\02-09-2016 CCW.WPD

From: David Anderson
To: City Clerks Office
Subject: Fwd: Question
Date: Thursday, February 04, 2016 10:46:18 AM
Attachments: CM Anderson $1.5 million Bond Amtz.pdf

Please add this under strategic plan.
The Honorable David L. Anderson

4th District Councilman, Dover, DE

Phone: (302)339-1047

Council Office: (302)736-7006

---------- Forwarded message ----------
From: **Mitchell, Donna** <DMitchell@dover.de.us>
Date: Thu, Feb 4, 2016 at 10:15 AM
Subject: RE: Question
To: "Anderson, David" <davidlevianderson@gmail.com>

I'm not sure if I forgot the attachment. Sorry if I did.

Thank you,

Donna

From: Mitchell, Donna
Sent: Monday, February 01, 2016 9:27 AM
To: Anderson, David
Subject: RE: Question

Mr. Anderson,

It will depend on how the bond is structured. The Financial Advisor solicits a bid and the bidder's provide what each year's CUSIP principal will be and the interest rate on each cusip. For example, one year that may have a $30,000 principal and 3.0% interest rate and another year they may bid a $40,000 principal payment and a 2.95% rate. The Financial Advisor will compile all the bids and find out which one is the least cost for the
City.

I have attached a straight line amortization table to give you a ball park figure. Our bonds are normally done for a 20 year horizon, as the ratings agencies like to see you pay them off in a shorter time span, and a 3.85% interest rate. The last bond issue we did in 2014 had a 3.0% interest rate on the first 10 year cusips, and then went up as high as 4.25% in the latter years. The Fed is starting to increase interest rates now.

Hope this helps.

Donna S. Mitchell, CPA

(not in public practice)

City of Dover

Controller/Treasurer

5 E. Reed Street, Suite 300

Dover, DE 19904

(302) 736-7018

dmitchell@dover.de.us

"Action without study is fatal. Study without action is futile." - *Mary Beard*

From: David Anderson [mailto:davidlevianderson@gmail.com]
Sent: Sunday, January 31, 2016 11:59 PM
To: Mitchell, Donna
Subject: Question

Donna,

What would the interest rate and annual payment be on a 1.5 million dollar general obligation bond be?

Sent from my T-Mobile 4G LTE Device

Loan Amortization Schedule

Enter values	
Loan amount	$ 1,500,000.00
Annual interest rate	3.85 %
Loan period in years	20
Number of payments per year	1
Start date of loan	6/30/2017
Optional extra payments	$ -

Loan summary	
Scheduled payment	$ 108,911.60
Scheduled number of payments	20
Actual number of payments	20
Total early payments	$ -
Total interest	$ 678,232.01

Lender name: Request of CM Anderson

Pmt. No.	Payment Date	Beginning Balance	Scheduled Payment	Extra Payment	Total Payment	Principal	Interest	Ending Balance	Cumulative Interest
1	6/30/2018	$ 1,500,000.00	$ 108,911.60	$ -	$ 108,911.60	$ 51,161.60	$ 57,750.00	$ 1,448,838.40	$ 57,750.00
2	6/30/2019	$ 1,448,838.40	$ 108,911.60	$ -	$ 108,911.60	$ 53,131.32	$ 55,780.28	$ 1,395,707.08	$ 113,530.28
3	6/30/2020	$ 1,395,707.08	$ 108,911.60	$ -	$ 108,911.60	$ 55,176.88	$ 53,734.72	$ 1,340,530.20	$ 167,265.00
4	6/30/2021	$ 1,340,530.20	$ 108,911.60	$ -	$ 108,911.60	$ 57,301.19	$ 51,610.41	$ 1,283,229.01	$ 218,875.41
5	6/30/2022	$ 1,283,229.01	$ 108,911.60	$ -	$ 108,911.60	$ 59,507.28	$ 49,404.32	$ 1,223,721.73	$ 268,279.73
6	6/30/2023	$ 1,223,721.73	$ 108,911.60	$ -	$ 108,911.60	$ 61,798.31	$ 47,113.29	$ 1,161,923.41	$ 315,393.02
7	6/30/2024	$ 1,161,923.41	$ 108,911.60	$ -	$ 108,911.60	$ 64,177.55	$ 44,734.05	$ 1,097,745.86	$ 360,127.07
8	6/30/2025	$ 1,097,745.86	$ 108,911.60	$ -	$ 108,911.60	$ 66,648.38	$ 42,263.22	$ 1,031,097.48	$ 402,390.28
9	6/30/2026	$ 1,031,097.48	$ 108,911.60	$ -	$ 108,911.60	$ 69,214.35	$ 39,697.25	$ 961,883.13	$ 442,087.54
10	6/30/2027	$ 961,883.13	$ 108,911.60	$ -	$ 108,911.60	$ 71,879.10	$ 37,032.50	$ 890,004.03	$ 479,120.04
11	6/30/2028	$ 890,004.03	$ 108,911.60	$ -	$ 108,911.60	$ 74,646.45	$ 34,265.16	$ 815,357.59	$ 513,385.19
12	6/30/2029	$ 815,357.59	$ 108,911.60	$ -	$ 108,911.60	$ 77,520.33	$ 31,391.27	$ 737,837.25	$ 544,776.46
13	6/30/2030	$ 737,837.25	$ 108,911.60	$ -	$ 108,911.60	$ 80,504.87	$ 28,406.73	$ 657,332.39	$ 573,183.19
14	6/30/2031	$ 657,332.39	$ 108,911.60	$ -	$ 108,911.60	$ 83,604.30	$ 25,307.30	$ 573,728.08	$ 598,490.49
15	6/30/2032	$ 573,728.08	$ 108,911.60	$ -	$ 108,911.60	$ 86,823.07	$ 22,088.53	$ 486,905.01	$ 620,579.02
16	6/30/2033	$ 486,905.01	$ 108,911.60	$ -	$ 108,911.60	$ 90,165.76	$ 18,745.84	$ 396,739.25	$ 639,324.86
17	6/30/2034	$ 396,739.25	$ 108,911.60	$ -	$ 108,911.60	$ 93,637.14	$ 15,274.46	$ 303,102.12	$ 654,599.33
18	6/30/2035	$ 303,102.12	$ 108,911.60	$ -	$ 108,911.60	$ 97,242.17	$ 11,669.43	$ 205,859.95	$ 666,268.76
19	6/30/2036	$ 205,859.95	$ 108,911.60	$ -	$ 108,911.60	$ 100,985.99	$ 7,925.61	$ 104,873.95	$ 674,194.37
20	6/30/2037	$ 104,873.95	$ 108,911.60	$ -	$ 104,873.95	$ 100,836.31	$ 4,037.65	$ -	$ 678,232.01

CDBG Quarterly Report 2015
October, November, December

CDBG FY15 Projects

Homeownership Assistance Program
CDBG funds will be used to provide homeownership assistance to first-time homebuyers who purchase affordable housing in the Downtown Development District (DDD) Target Area. One (1) family is scheduled to go to settlement in January 2016 to purchase a property in the DDD Target Area.

Dover Interfaith Mission for Housing
CDBG funds will be used for operations cost for the shelter. This project is currently underway with 41% of program funds spent year to date.

Connections Community Support Program
CDBG funds will be used to provide rapid re-housing/rental assistance services for homeless households within the City. Rental assistance was provided for one (1) low income person.

Milford Housing Homeowner Rehabilitation Program
CDBG funds will be used to rehabilitate existing owner occupied housing in the City that is in violation of the City's Housing Code and complete emergency home repairs to eliminate housing conditions that threaten the health and safety of low income homeowners. Emergency home repairs were completed for five (5) low income households during the quarter.

Habitat for Humanity
CDBG funds will be used to rehabilitate an existing home to provide affordable housing to a family in the Downtown Development District Target Area. Habitat purchased 111 S. Queen on November 2, 2015, renovated the property, and sold the property on December 18th to a first time homebuyer.

Peoples Place Whatcoat Homeless Shelter
CDBG funds will be utilized for minor renovations to a facility that shelters the homeless. This project is completed.

Mayors Challenge to End Veterans Homelessness
The Mayor's Task Force for Ending Veterans Homelessness has met its goal by housing 50 Veterans by December 28, 2015. There will be a 300 day celebration held on January 20th at Grotto's Pizza in Dover to celebrate this accomplishment.

Status of FY-15 Program Funds Spent - Fiscal Year 7/1/15- 6/30/16

2015 Grant Projects	Project Details	Total Grant	Funds Expended	Unencumbered Balance
Homeownership Assistance Program	Funds will be utilized for settlement assistance for properties purchased in the DDD Target Area	$60,000	$40,000	$20,000
Connections	Funds will be utilized for rapid re-housing/rental assistance for low income persons	$7,391	$1,700	$5,691
Dover Interfaith Mission for Housing	Funds will be used for operation cost	$27,000	$11,258	$15,742
Milford Housing Development Corp	Funds will be utilized for emergency home repairs. Project underway	$35,262	$12,989	$22,273
Milford Housing Development Corp	Funds will be utilized for rehabbing owner occupied homes. Project underway	$52,892	$0	$52,892
Habitat for Humanity	Funds will be utilized to rehab a single family home for a low income family	$40,000	$24,819	$15,181
Peoples Place	Funds will be used for replacement windows for a homeless shelter.	$6,726	$6,726	$0
Total		$229,271	$97,492	$131,779

From:	David Anderson
To:	City Clerks Office
Subject:	Fwd: Per Our Conversation
Date:	Thursday, February 04, 2016 10:36:57 AM
Attachments:	Dover City Council 8 31.doc

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for packet
The Honorable David L. Anderson

4th District Councilman, Dover, DE

Phone: (302)339-1047

Council Office: (302)736-7006

---------- Forwarded message ----------
From: **clay Hammond** <chammond505@gmail.com>
Date: Mon, Aug 31, 2015 at 4:22 PM
Subject: Per Our Conversation
To: David Anderson <davidlevianderson@gmail.com>
Cc: Roy Sudler <roysudlerjr@comcast.net>

David

Attached is the email I will be sending to members of the city council this week requesting that a commission be created to address issues that are adversely impacting the city's at-risk and low income Black communities.

I'd like your and Roy's leadership on this issue.

Clay Hammond

August 31, 2015

City Councilmen:

A major responsibility of municipal government is to provide a good quality of life for its residents. With such being the case, city government has fallen woefully short as relates to Black residents of low-income and at risk communities!

I make this assertion based on the following:

- **The city's economic development plans/strategy has never included workforce development in spite of the high unemployment rate in the Black community**
- **The city's CDBG entitlement is only used for housing rehab in spite of the fact that a large percentage of Blacks in distressed areas are renters**
- **The quasi-governmental economic development organization that the city supports, Downtown Dover Partnership (DDP), has never developed strategies or resources to address the economic development needs of low-income and/or at risk residents of its target area that is comprised of a significant number of Blacks**
- **The primary response to increased gun violence in the Black community is to have an increased/enhanced police presence when increased economic opportunities (i.e. jobs, self employment training, etc.) would be a more effective deterrent.**
- **The city does not pursue grants to address the needs of at-risk and low income residents of the city**

There is a current phrase that is prevalent in our community across the nation is that "Black lives matter". For a significant portion of the Black community that is low-income and /or at risk in Dover, Black lives don't matter!

Given the tremendous economic and social disparities that exist in the city's low-income and at risk Black communities, government's leadership has allowed them not only to continue to exist, but increase in many areas! As data (i.e. poverty rate, unemployment rate, etc.) that allows the city to receive CDBG funding is impacted by realities of the low-income Black residents.

As a significant portion of the city's Black community is in crisis, I would like to request that city council create a formal "commission" that would be charged with the development of a strategic plan and identifying resources to address both the causes and effects of major issues in distressed Black communities (Kirkwood/New/Queen Streets, Simon Circle, Capital Green). The commission could be composed of entities and individuals that possess a wealth of resources, insight and expertise in addressing the

myriad of issues that adversely impact the above-referenced communities. Some members could be:

- **Delaware State University**
- **Wesley College**
- **Faith Community**
- **Black Fraternal Organizations** (fraternities, sororities, Masonic)
- **City Government** (City Council, Asst. City Manager, CDBG staff, etc.)
- **Nonprofits** (MLK Community Center, Delmarva Black Chamber, CenDel Foundation, etc.)
- **Community residents** (youth, adults)
- **Dover Housing Authority**
- **Dover Police Department**
- **Financial Institutions** (credit unions, banks)

Let's be proactive in addressing issues that have led to a sense of hopeless that many Black residents feel too often contribute to negative behavior. As the same issues that led to civil disturbance in Baltimore exist here, let's not ignore them.

How the commission will differ from NCALL's "Restoring Central Dover" initiative is that it will focus exclusively on the Black community and address a broader range of issues (i.e. mental health, asset creation, workforce development, etc.)

As the Black community comprises 40% Black (white population is 43% of the city's population, it is my hope that city government will invest in healing and empowering Black residents of low-income and at risk communities.

Respectfully,

Clayton e. Hammond II

Devine, Denise

From: David Anderson <davidlevianderson@gmail.com>
Sent: Thursday, February 04, 2016 10:39 AM
To: City Clerks Office
Subject: Fwd: Economic Inclusion Advisory Body

For packet

The Honorable David L. Anderson

4th District Councilman, Dover, DE

Phone: (302)339-1047

Council Office: (302)736-7006

---------- Forwarded message ----------
From: **clay Hammond** <chammond505@gmail.com>
Date: Wed, Nov 18, 2015 at 4:09 PM
Subject: Economic Inclusion Advisory Body
To: "Neaton, William G." <wneaton@dover.de.us>

Bill:

The following persons are my suggestions of individuals to comprise the Economic Inclusion Advisory body.

Shep Sheppard	**House of Style**	**chiffonrogers@yahoo.com**
Dr. Tracy Underwood	**Eye to Eye Optometry**	**seeingeye2eye@gmail.com**
Mike White	**Janiaid's The Salon for Men**	**janaidkareem@hotmail.com**
Hassan Zahar	**Zuha Men's Fashions**	**AHA18214@yahoo.com**
Theo Morgan	**Computers Fixed Today**	**computersfixedtoday@comcast.net**
Kim Aigle	**Suds Bar**	**sudsbar@gmail.com,**
Clay Hammond	**Delmarva Black Chamber**	**DeMdBlackChamber@comcast.net**
Dr. Michael Casson	**DSU**	**mcasson@desu.edu**
Tifanee Lee-Scott	**Tifanee & Company**	**tiffandcompany@yahoo.com**
Arita Warren	**Tresses Hair Studio**	**shellythestlist@gmail.com**
Edmond Sinmaron	**Simaron's**	**simaron415@aol.com**
Anne Smith	**MLK Center (workforce Development)**	**floralconection@aol.com**

Pablo Velazquez **Branch Manager/Citizens Bank** **Pablo.velazquez@citizensbank.com**

Clay

Devine, Denise

From: David Anderson <davidlevianderson@gmail.com>
Sent: Thursday, February 04, 2016 10:43 AM
To: City Clerks Office
Subject: Fwd: Request - Status Updates

And finally, the reason for moving this to the agenda, 4 months without the feeling that the issues are addressed. The follow up letter.

The Honorable David L. Anderson

4th District Councilman, Dover, DE

Phone: (302)339-1047

Council Office: (302)736-7006

---------- Forwarded message ----------
From: **clay Hammond** <chammond505@gmail.com>
Date: Mon, Dec 21, 2015 at 10:22 AM
Subject: Request - Status Updates
To: "Perez, Ed" <eperez@dover.de.us>, "Paul S. Davis" <paulsdavis@comcast.net>, Roy Sudler <roysudlerjr@comcast.net>, David Anderson <davidlevianderson@gmail.com>

FYI

---------- Forwarded message ----------
From: "clay Hammond" <chammond505@gmail.com>
Date: Dec 21, 2015 10:19 AM
Subject: Request - Status Updates
To: "Neaton, William G." <wneaton@dover.de.us>
Cc:

Bill

Can you give me an update on the following:

1. Delmarva Black Chamber's status with the Kent County Entrepreneur Consortium

2. Status of funding request to City of Dover/DDP for the Ice House Program

3. New date for meeting with minority entrepreneurs in downtown Dover

4. Status for the creation of the Economic Inclusion Advisory body

Thanks

Clay Hammond

From:	David Anderson
To:	City Clerks Office
Subject:	Fwd: Important Research - Unbanked Individuals
Date:	Thursday, February 04, 2016 10:38:01 AM
Attachments:	FDIC Un Banked Study Exec Summary.pdf

For packet
The Honorable David L. Anderson

4th District Councilman, Dover, DE

Phone: (302)339-1047

Council Office: (302)736-7006

---------- Forwarded message ----------
From: **clay Hammond** <chammond505@gmail.com>
Date: Fri, Jan 29, 2016 at 3:24 PM
Subject: Important Research - Unbanked Individuals
To: elmer davis <elmerdavis44@gmail.com>, Sylvester Beaman <sbeaman1@aol.com>, leswanams@verizon.net, Michael Rogers <centralpastor@msn.com>, Rita Paige <ritapaige7@comcast.net>, David Anderson <davidlevianderson@gmail.com>, Roy Sudler <roysudlerjr@comcast.net>

---------- Forwarded message ----------
From: <demdblackchamber@comcast.net>
Date: Jan 29, 2016 3:21 PM
Subject: Important Research - Unbanked Individuals
To: <chammond505@gmail.com>
Cc:

All:

The attached summary relates to research the FDIC conducted about the unbanked, which reinforces our need for collective economic empowerment in our community!.

Clay Hammond
Chairman

FDIC National Survey of Unbanked and Underbanked Households

Executive Summary

Federal Deposit Insurance Corporation

FDIC

December 2009

Members of the FDIC Unbanked/Underbanked Survey Study Group

Team Members:

Office of the Vice Chairman: Barbara Ryan and Yazmin Osaki

Division of Insurance and Research: Susan Burhouse, David Chapman, Timothy Critchfield, Ryan Goodstein and Katherine Samolyk

Division of Supervision and Consumer Protection: Angelisa Harris and Luke Reynolds.

Legal: Leneta Gregorie

Contributors: Michael Bachman, Peggi Gill, Michael Glenwick, Jocelyn Grazal, Peter Johnston, David Spanburg, Jacques Vilar, and Kathy Zeidler

Executive Summary

In January 2009, the Federal Deposit Insurance Corporation (FDIC) sponsored a special supplement to the U.S. Census Bureau's Current Population Survey (CPS) to collect national, state, and metropolitan statistical area (MSA) data on the number of U.S. households that are unbanked and underbanked, their demographic characteristics, and their reasons for being unbanked and underbanked.[1] The Census Bureau surveyed approximately 54,000 households, and about 47,000 (86 percent) participated in the FDIC's supplement survey.

The FDIC undertook this effort to address a gap in reliable data on the number of unbanked and underbanked households in the United States. Access to an account at a federally insured institution provides households with the opportunity to conduct basic financial transactions, save for emergency and long-term security needs, and access credit on affordable terms. Many people, particularly low-to-moderate income households, do not have access to mainstream financial products such as bank accounts and low-cost loans. Other households have access to a bank account, but nevertheless rely on more costly financial service providers for a variety of reasons. In addition to paying more for basic transaction and credit financial services, these households may be more vulnerable to loss or theft and often struggle to build credit histories and achieve financial security.

The FDIC also conducted this survey to comply with a statutory mandate that requires it to conduct ongoing surveys of banks on their efforts to serve the unbanked.[2] The supplement survey complements the FDIC Survey on Banks' Efforts to Serve the Unbanked and Underbanked, published in February 2009, and provides insights into the size of the unbanked and underbanked markets. It also presents a wealth of previously unavailable data regarding households' banking status and related issues. Teamed with the rich demographic and geographic data available through the CPS, the supplement survey represents the first time such data on unbanked and underbanked households are available at the national, state, and large MSA levels. It is hoped that these survey results will help better inform the industry and policymakers about economic inclusion issues, and promote the goal of ensuring that all Americans have access to basic, safe, and affordable bank services.

Key Overall Findings

- **An estimated 7.7 percent of U.S. households, approximately 9 million, are unbanked.**[3] At least 17 million adults reside in these unbanked households (see Figure 1.1).[4]

- **The proportion of U.S. households that are unbanked varies considerably among different racial and ethnic groups, with certain racial and ethnic minorities more likely to be unbanked than the population as a whole. Minorities more likely to be unbanked include** blacks (an estimated 21.7 percent of black households are unbanked), Hispanics (19.3 percent), and American Indian/Alaskans (15.6 percent). Racial groups less likely to be unbanked are Asians (3.5 percent) and whites (3.3 percent).[5]

- **In addition to the unbanked households, an estimated 17.9 percent of U.S. households, roughly 21 million, are underbanked.**[6] The number of adults that

[1] The data for this report were collected through an FDIC-sponsored Unbanked/Underbanked Supplement to the Current Population Survey (CPS). Additional information on the CPS is available at http://www.census.gov/cps/. For additional methodological details and definitions, refer to the FDIC technical notes located in Appendix D of the full report.

[2] Section 7 of the Federal Deposit Insurance Reform Conforming Amendments Act of 2005 (Reform Act) requires that the FDIC conduct biennial surveys of insured depository institutions' efforts to bring individuals and families who have rarely, if ever, held a checking account, a savings account, or other type of transaction or check-cashing account at an insured depository institution into the conventional finance system. The Reform Act also asks the FDIC for a "fair estimate" of the size and worth of the "unbanked" market in the United States.

[3] For the purposes of this survey, households were identified as unbanked if they answered "no" to the question, "Do you or does anyone in your household currently have a checking or savings account?"

[4] In addition, unbanked adults may also reside in other households. Adults are defined as persons aged 16 and older. This is a lower-bound estimate of the number of unbanked adults in the United States because it is based on the assumption that all adults residing in a "banked" household are banked. A banked household may contain one or more unbanked adults; these unbanked adults residing in banked households are not included in the 17 million adults figure cited above.

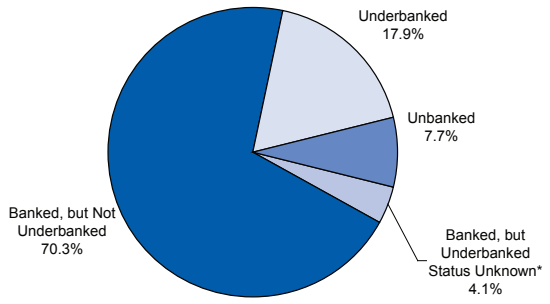
[5] The demographic characteristics of a household are taken to be those of the owner or renter of the home (i.e., "householder"), unless the demographic characteristic is one defined at the household level, such as income or household type. For convenience, some abbreviated language will be used to refer to the demographic characteristics of households. For example, the term "black household" refers to a household for which the householder has been identified as black. Refer to the FDIC technical notes for the race/ethnicity and other definitions used in this report.

[6] Underbanked households are defined as those that have a checking or savings account but rely on alternative financial services. Specifically, underbanked households have used non-bank money orders, non-bank check-cashing services, payday loans, rent-to-own agreements, or pawn shops at least once or twice a year or refund anticipation loans at least once in the past five years.

reside in these underbanked households is about 43 million.[7]

- **Certain racial and ethnic minorities are more likely to be underbanked than the population as a whole.** Minorities more likely to be underbanked include blacks (an estimated 31.6 percent), American Indian/Alaskans (28.9 percent), and Hispanics (24.0 percent). Asians and whites are less likely to be underbanked (7.2 percent and 14.9 percent, respectively).

Figure 1.1 Banking Status of U.S. Households



Notes: Percentages are based on 118.6 million U.S. households. Percentages do not always sum to 100 because of the rounding of household weights to represent the population totals.
* These households are banked, but there is not enough information to determine if they are underbanked.

- **Taken together, at least 25.6 percent of U.S. households, close to 30 million, are either unbanked or underbanked.** Approximately 60 million adults reside in these households.
- **Overall, almost 54 percent of black households, 44.5 percent of American Indian/Alaskan households, and 43.3 percent of Hispanic households are either unbanked or underbanked.**
- **While 17.9 percent of U.S. households are known to be underbanked, another 4.1 percent of U.S. households, or roughly 5 million, are banked and may also be underbanked,** but their use of AFS could not be determined because of missing data. The number of adults that reside in these households is estimated to be 11 million.
- **The proportion of unbanked and underbanked households varies across different regions of the country, with the highest incidence in the Southern Region.** In addition, the proportion of unbanked households varies considerably among certain racial and ethnic minorities across states and MSAs.

Additional Key Unbanked Findings

- **Family households for which the householder is an unmarried female or unmarried male are considerably more likely than married couple households to be unbanked.**[8] Almost 20 percent of unmarried female family households and 14.9 percent of unmarried male family households are unbanked, compared with about 4 percent of married couple family households.
- **A substantial percentage of lower-income households are unbanked.** Nearly 20 percent of lower-income U.S. households—almost 7 million households earning below $30,000 per year—do not currently have a bank account. Households with earnings below $30,000 account for at least 71 percent of unbanked households.
- **The proportion of unbanked households declines with education and age.** Households more likely to be unbanked than all U.S. households have less than a college education or a householder under age 45.
- **Not having enough money to feel they need an account is the most common reason** why unbanked households are not participating in the mainstream financial system.
- **The 9 million unbanked households are approximately split between households that have never had a bank account (46.9 percent) and households that were previously banked (49.0 percent).**
- **A considerable proportion (an estimated 41.1 percent) of unbanked households believes that opening a bank account in the future is "not likely at all."** However, among all unbanked households, the previously banked are more likely to consider opening a bank account in the future. About 16 percent of previously banked households believe that they are "very likely" to open a bank account, compared with 4.8 percent of those that have never been banked.

[7] This is an upper-bound estimate of the total number of underbanked adults in the United States because it is based on the assumption that all adults residing in an underbanked household are underbanked. However, an underbanked household may contain one or more adults that are not underbanked.

[8] A family household is a household that includes two or more people related by birth, marriage, or adoption and residing together, along with any unrelated people who may be residing there. For the definition of 'householder' see footnote 5. Detailed definitions regarding household types can be found in the CPS Glossary available at http://www.census.gov/apsd/techdoc/cps/mar97/glossary.html.

- **About 66 percent of unbanked households use the following alternative financial services (AFS):** non-bank money orders and non-bank check-cashing, pawn shops, payday loans, rent-to-own agreements (RTOs), and refund anticipation loans (RALs). About one-quarter of unbanked households do not use any AFS, suggesting a strong reliance on cash transactions.

- **Approximately 12 percent of unbanked households have used a general spending prepaid card, and an estimated 3.1 percent receive their income through a payroll card.**

Additional Key Underbanked Findings

- **Family households for which the householder is an unmarried female or unmarried male are considerably more likely than married couple family households to be underbanked.** About 28 percent of unmarried female family households and 27 percent of unmarried male family households are underbanked, compared with 15.4 percent of households with a married couple present.

- **The underbanked rate declines with age of the householder but is more evenly distributed across most educational and income groups.** For example, middle-income households (those with annual income between $30,000 and $50,000) are about as likely as lower-income households (those with annual income below $30,000) to be underbanked. The proportion of underbanked households is considerably lower among the highest education level of the householder (at least college degree) and the highest income group (at least $75,000).

- **The AFS products used most frequently by underbanked households are non-bank money orders (an estimated 81.1 percent of underbanked use money orders) and check-cashing (30.0 percent) transaction services.** Underbanked households also use on payday lenders (16.2 percent), pawn shops (15.8 percent), RTO services (13.0 percent), and RALs (13.2 percent) for credit services from non-banks.

- **The survey data indicate that the majority of underbanked households that go to nonbanks for money orders and check cashing do so primarily for convenience. Speed and cost were also reasons underbanked households use these non-bank transaction services.**

- **Many underbanked households that use payday loans or pawn shops rather than banks for credit services do so primarily because it is easier to qualify for a loan from the AFS provider or because it is more convenient.**

- **Approximately 16 percent of underbanked households have used a general spending prepaid card and an estimated 4.2 percent receive their income through a payroll card.**

The full report that follows focuses primarily on the key issues the FDIC intended to address in conducting the survey. It is organized as follows: Section 2 provides background and objectives; Section 3 provides a brief overview of the survey findings related to the national percentage of unbanked and underbanked households; Section 4 summarizes findings related to unbanked households; Section 5 summarizes findings related to underbanked households; Section 6 compares select demographic characteristics of unbanked and underbanked households; and Section 7 provides concluding remarks. Detailed national, state, and MSA-level tables appear in Appendices A, B, and C. Technical notes for the FDIC's supplement survey appear as Appendix D, and the supplement survey instrument is included as Appendix E.

Devine, Denise

From: David Anderson <davidlevianderson@gmail.com>
Sent: Thursday, February 04, 2016 10:45 AM
To: City Clerks Office
Subject: Fwd: EDA Economic Development Conference
Attachments: image002.gif

also with Mr. Hammond's

The Honorable David L. Anderson

4th District Councilman, Dover, DE

Phone: (302)339-1047

Council Office: (302)736-7006

---------- Forwarded message ----------
From: **clay Hammond** <chammond505@gmail.com>
Date: Wed, Feb 3, 2016 at 10:29 PM
Subject: EDA Economic Development Conference
To: Mike Casson <mcasson@desu.edu>, "Paul S. Davis" <paulsdavis@comcast.net>, La Mar Gunn <lamargunn@me.com>, David Anderson <davidlevianderson@gmail.com>, Phil Bradford-VFNA <pbradford@vfna.org>, elmer davis <elmerdavis44@gmail.com>, Jonathan Weaver <jonathanwea@gmail.com>, Ken Anderson <Kenneth.r.anderson@state.de.us>

FYI

---------- Forwarded message ----------
From: "Tamika Graham" <tgraham@ncall.org>
Date: Feb 3, 2016 4:27 PM
Subject: FW: Economic Development Conference
To: "Townshend, Ann Marie" <ATownshend@dover.de.us>, "Clay Hammond" <chammond505@gmail.com>, "David Clendaniel" <dclendaniel@doverfcu.com>, "Perez, Ed" <eperez@dover.de.us>, "Herb Konowitz" <herb.konowitz403@gmail.com>, "Hudson, Kirby A" <khudson@dover.de.us>, "James Waddington" <james.waddington@co.kent.de.us>, "Joe Zilcosky" <joe.zilcosky@state.de.us>, "Judy Diogo" <jdiogo@cdcc.net>, "Vandell Hampton Jr." <vhampton@firststateloan.org>, "Neaton, William G." <wneaton@dover.de.us>, "Jackson, Beverly" <bjackson@dover.de.us>
Cc:

FYI - Please see conference link below.

Best Regards,

Tamika

Tamika K. Graham

Neighborhood Revitalization Coordinator

NCALL Research, Inc.

363 Saulsbury Road

Dover, DE 19904

302-678-9400 ext 123

www.NCALL.org

From: Bynum, Maria L [mailto:Maria.L.Bynum@hud.gov]
Sent: Monday, February 1, 2016 4:45 PM
To: tgraham@ncall.org
Subject: Economic Development Conference

Tamika,

Hope all is well. A notice about an Economic Development Conference in Washington, DC came across my desk. I wanted to pass it along in case someone on the Economic Development Committee might be interested in attending. Here's the link: https://useda2016.org/

Feel free to share with anyone you think might be interested.

Warm regards,

Maria Bynum

Field Office Director, Wilmington

U.S. Department of Housing and Urban Development

920 N. King Street

Wilmington, DE 19801

(302) 573-6300

Memorandum

Office of the City Manager
PO Box 475
Dover, DE 19903
Phone: (302) 736-7005
FAX: (302) 736-7002
E-mail: skoenig@dover.de.us

To: **Utility Committee**

From: **Scott D. Koenig, P.E., City Manager**
Harry Maloney, Electric Director
Donna Mitchell, Controller/Treasurer

Date: **February 1, 2016**

Subject: **Additional Power Supply Alternatives**

The purpose of this memorandum is to describe the Executive Risk Management Committee's (ERMC) request for approvals to explore two exceptions to the ***Governing Energy Commodity Risk Policy.*** These exceptions if approved would authorize the Energy Manager to pursue negotiations for two separate commodity transactions intended to meet the City's electric load requirements and reduce the City's risk, but which fall outside of the ***Governing Energy Commodity Risk Policy*** limits as stated below. Once negotiations are successful, The Executive Management Committee would return to the City Utility Committee and City Council to seek approval of these contracts.

Descriptions of Possible Products

- **Load Following Product for Fiscal year 2017 and 2018:** A Third Party purchases 100% of existing Dover hedges at the same price Dover paid for them originally. Third Party sells Dover a "load following product" for every MW of actual load Dover consumes at a fixed price. The risk that is managed by this product is the volumetric and price risk normally borne by the City and associated with actual load variations due to weather or other events affecting demand. Dover remains exposed to the congestion or basis risk (cost or savings) between the DPL load point where Dover's actual load is priced and the purchase location of the PJM West Hub delivery point.
- **Purchase of up to 50 MW of fixed-price energy for up to 10 years:** Up to 50 MW purchase of PJM West Hub energy 7x24 starting in 2018 for five and ten year terms (Physical Power). The risk managed by this product is lowering price risk future years by purchasing at today's forward prices. Current target for this product is 25 MW however, we are requesting authorization to discuss up to a 50 MW purchase.

Dover Governance Risk Policy Limits Exceedance:

- Hedge Programmatic Level: 100% of actual load hedge is outside of the maximum hedge limit of 80% of the expected loads.
- Power (MW) Maturity Limit: 10 year transaction is outside of the 5 year term and 5 year maturity limit.

The ERMC is seeking approval to pursuing negotiations for these products as viable tools to support the primary hedge program goals of providing price certainty in order to meet financial and budget objectives and provide electric customers with rates that are competitive with surrounding areas.

Prior to executing any transaction under these exceedances, the ERMC will review the products' effectiveness for reducing the City of Dover's overall Portfolio Risk at a reasonable cost and in accordance with the remaining tenets of the ***Governing Energy Commodity Risk Policy***:

- Load Following will not be in exceedance of the Cost of Service Limit forecasted for 2017 and 2018 Power Year.
- Physical and financial commodity transactions will be executed with counterparties approved by the ERMC with credit available to support the transactions.
- The transactions do not carry additional Commodity Futures Trading Commission (CFTC) reporting requirements.
- Transactions support the requirement of native load and Load Following will not exceed 100% of actual load.
- Maturity limit for each permissible instrument will not exceed 10 years term 15 Year Maturity.
- Director of the Utility shall, in addition to notifying the ERMC if negotiations result in a transaction, also notify the Chair of The Committee as soon as practicable.
- Director of utility shall provide periodic reports to the Chair on the status of negotiations and any subsequent transactions.

As stated before the ERMC will request approval of these possible contracts from the Utility Committee and City Council.

City of Dover
Capital Investment Plan
Project Tracking Report
Quarterly Report as of Dec 31, 2015

Points to Remember -

* Original Project Budget = Original Total Project Budget initially included in approved annual budget.
* Latest Project Budget = Revised Total Project Budget included in most recent approved annual budget or one of the following: bond resolution, revolving fund loan agreement, Council approved budget amendment, or City Manager approved amendment as per the Budget Amendment Procedure.
* Current Fiscal Year - Revised Fiscal Year Budget = Current Year approved project budgets plus carry forward balances of unspent budgets in the prior fiscal year. Project Carry Forward balances will be submitted to City Council for amendment in January 2010. Can also be amended with City Manager approval per the Budget Amendment Procedure.
* Water Quality, Inflow/Infiltration, Distribution Upgrades and New Development projects are budgeted as a blanket project and once individual projects are identified and estimated they are created using an allocation of the overall budgeted amount.
* Status and Comments provided by City Manager.

Current Year Budget Funding Sources	General	Community Transportation	Water & Wastewater	Electric	Total CIP
Budget Balance	$ 2,577,500	$ 512,900	$ 7,515,900	$ 3,900,700	$ 14,507,000
General Billings for Reimbursement of Expense	-	-	20,200	1,900,000	1,920,200
Debt Financing	-	-	-	-	-
Income from Sale of Assets	51,900	-	-	-	51,900
State Community Transportation Funds	-	500,000	-	-	500,000
Transfer from WW Impact Fee Reserve	-	-	165,000	-	165,000
Transfer from General Fund	2,625,400	-	-	-	2,625,400
Transfer from Operating Funds	-	-	3,300,000	3,500,000	6,800,000
Transfer from Parkland Reserve	-	-	-	-	-
Interest Income	5,000	-	25,000	26,700	56,700
Total Funding Sources (Unaudited)	$ 5,259,800	$ 1,012,900	$ 11,026,100	$ 9,327,400	$ 26,626,200

City of Dover
General Fund - Major CIP Projects
Quarterly Report as of Dec 31, 2015

				TOTAL PROJECT - PAST, CURRENT & FUTURE BUDGETS					CURRENT FISCAL YEAR						
	Project Code	Type	Description	Original Project Budget	Latest Project Budget	Project To Date Expenses	Project Budget Balance	% Budget Spent	Original Fiscal Year Budget	Revised Fiscal Year Budget	Fiscal YTD Expenses	Budget Balance	% Budget Spent	Status	Comments
1			**FY 2013**												
2	ST1304	M B/L	Garrison Farm Improvements	$ 2,000,000	$ 4,641,000	$ 3,696,029	$ 944,971	79.6%	$ 1,496,500	$ 1,537,500	$ 592,448	$ 945,052	38.5%	In Process	Project approximately 98% complete
3			**Totals - FY 2013**	$ 2,000,000	$ 4,641,000	$ 3,696,029	$ 944,971	79.6%	$ 1,496,500	$ 1,537,500	$ 592,448	$ 945,052	38.5%		
4															
5			**FY 2015**												
6	FR1501		SCBA Equipment/Radios	$ 588,800	$ 588,800	$ 588,632	$ 168	100.0%	$ 300,200	$ 300,200	$ 299,981	$ 219	99.9%	Complete	
7	PR1501		Park & Playground Impr Equipment	66,000	66,000	-	66,000	0.0%	66,000	66,000	-	66,000	0.0%		
8	ST1502		Streets, Alleys and Concrete Prog.	900,000	505,100	430,645	74,455	85.3%	441,500	322,200	247,657	74,543	76.9%	Complete	Final invoices recently coded
9	ST1503		Misc Emergency Street/Storm Repairs	-	71,800	71,881	(81)	100.1%	35,000	31,800	31,791	9	100.0%	Complete	
10	ST1504		Old PW2 Site Improvements	535,000	561,500	187,347	374,153	33.4%	330,000	455,400	81,152	374,248	17.8%	In Process	Design work ongoing 75% level
11	ST1506		Stormwater Ditch Maintenance	15,000	15,000	13,284	1,716	88.6%	15,000	15,000	13,284	1,716	88.6%	Complete	
12	ST1508	G	Stormwater Utility Planning	90,000	90,000	55,250	34,750	61.4%	82,400	82,400	47,600	34,800	57.8%	In Process	Project continuing, approximately 95% complete with study.
13			**Totals - FY 2015**	$ 2,194,800	$ 1,898,200	$ 1,347,038	$ 551,162	71.0%	$ 1,270,100	$ 1,273,000	$ 721,465	$ 551,535	56.7%		
14															
15			**FY 2016**												
16	---		Vehicles & Equipment	$ 1,095,200	$ 1,113,800	$ 261,581	$ 852,220	23.5%	$ 1,095,200	$ 1,113,800	$ 261,581	$ 852,220	23.5%	In Process	
17	FR1500		Annual Contribution to Robbins Hose	145,600	145,600	145,614	(14)	100.0%	145,600	145,600	145,614	(14)	100.0%	Complete	
18	GO1501		GOTP Farmhouse Demo/Project	35,000	35,000	27,605	7,395	0.0%	35,000	35,000	27,605	7,395	78.9%	In Process	
19	PD1601		Camera Monitoring Station	19,900	19,900	4,995	14,905	25.1%	19,900	19,900	4,995	14,905	25.1%	In Process	
20	ST1601		FY16 Street and Alley Program	1,000,000	925,000	-	925,000	0.0%	1,000,000	925,000	-	925,000	0.0%	In Process	Work underway, awaiting invoices
21	ST1603		Valve Replacement - Silver Lake Dam	60,000	60,000	-	60,000	0.0%	60,000	60,000	-	60,000	0.0%	In Process	Bids received, evaluating
22	ST1604		Salt Storage Barn (originally proj ST1303)	50,000	75,000	2,435	72,565	3.2%	75,000	75,000	2,435	72,565	3.2%	In Process	Received zero bids on last request, staff to rebid
23	ST1605		Misc Emergency Street/Storm Repairs	-	75,000	17,339	57,661	23.1%	-	75,000	17,339	57,661	23.1%	In Process	Project ongoing, work provided as emergencies arise.
24			**Totals - FY 2016**	$ 2,405,700	$ 2,449,300	$ 459,567	$ 1,989,733	18.8%	$ 2,430,700	$ 2,449,300	$ 459,567	$ 1,989,733	18.8%		
25															
26			**Grand Totals**	$ 6,600,500	$ 8,988,500	$ 5,502,634	$ 3,485,866	61.2%	$ 5,197,300	$ 5,259,800	$ 1,773,480	$ 3,486,320	33.7%		

Legend

M = Multi-year project - a project with a specific schedule to occur over multiple years.
R = Recurring project - a project that begins and ends each fiscal year and is re-budgeted to start over each fiscal year.
G = Grant funded project
B/L = To be financed through bonds or commercial loan.

City of Dover
Community Transportation - Major CIP Projects
Quarterly Report as of Dec 31, 2015

				TOTAL PROJECT - PAST, CURRENT & FUTURE BUDGETS					CURRENT FISCAL YEAR						
	Project Code	Type	Description	Original Project Budget	Latest Project Budget	Project To Date Expenses	Project Budget Balance	% Budget Spent	Original Fiscal Year Budget	Revised Fiscal Year Budget	Fiscal YTD Expenses	Budget Balance	% Budget Spent	Status	Comments
1			**FY 2014**												
2	CT1405		Lakeview Drainage Study	$ 24,400	$ 24,400	$ 19,657	$ 4,743	80.6%	$ 6,300	$ 6,300	$ 1,470	$ 4,830	23.3%	In Process	Design work approximately 98% complete
3			**Totals - FY 2014**	$ 24,400	$ 24,400	$ 19,657	$ 4,743	80.6%	$ 6,300	$ 6,300	$ 1,470	$ 4,830	23.3%		
4															
5			**FY 2015**												
6	CT1562		Village of Cannon Mill Repavement	$ 315,000	$ 386,900	$ 215,630	$ 171,270	55.7%	$ 361,000	$ 361,000	$ 189,633	$ 171,367	52.5%	Complete	Work complete, awaiting final invoices
7	CT1599		Signage Agreement	2,700	2,700	2,520	180	93.3%	1,600	1,600	1,350	250	84.4%	Complete	
8			**Totals - FY 2015**	$ 317,700	$ 389,600	$ 218,150	$ 171,450	56.0%	$ 362,600	$ 362,600	$ 190,983	$ 171,617	52.7%		
9															
10			**FY 2016**												
11	CT1616		The Meadows	$ 22,200	$ 22,200	$ -	$ 22,200	0.0%	$ 22,200	$ 22,200	$ -	$ 22,200	0.0%	In Process	Concrete work has started, awaiting invoices
12	CT1627		FY16 Paving Projects	247,400	247,400	-	247,400	0.0%	247,400	247,400	-	247,400	0.0%	In Process	Contractor has started work, awaiting invoices
13	CT1632		FY16 Signs Projects	14,600	14,600	-	14,600	0.0%	14,600	14,600	-	14,600	0.0%	In Process	Materials ordered, awaiting delivery
14	CTxxxx		Unapplied CT Projects (placeholder)	644,000	359,800	-	359,800	0.0%	144,000	359,800	-	359,800	0.0%		
15			**Totals - FY 2016**	$ 928,200	$ 644,000	$ -	$ 644,000	0.0%	$ 428,200	$ 644,000	$ -	$ 644,000	0.0%		
16															
17			**Grand Totals**	$ 1,270,300	$ 1,058,000	$ 237,807	$ 820,193	22.5%	$ 797,100	$ 1,012,900	$ 192,453	$ 820,447	19.0%		

Legend
M = Multi-year project - a project with a specific schedule to occur over multiple years.
R = Recurring project - a project that begins and ends each fiscal year and is re-budgeted to start over each fiscal year.
C = Project funded by combination of CT Funds and General Fund

City of Dover
Water/Wastewater Improvement & Extension Fund - Major CIP Projects
Quarterly Report as of Dec 31, 2015

				TOTAL PROJECT - PAST, CURRENT & FUTURE BUDGETS					CURRENT FISCAL YEAR						
	Project Code	Type	Description	Original Project Budget	Latest Project Budget	Project To Date Expenses	Project Budget Balance	% Budget Spent	Original Fiscal Year Budget	Revised Fiscal Year Budget	Fiscal YTD Expenses	Budget Balance	% Budget Spent	Status	Comments
1			**FY 2008 - FY 2013**												
2	WD0804	M	1.0 MG Elevated Water Storage	$ 4,196,600	$ 2,556,000	$ 87,827	$ 2,468,173	3.4%	$ 2,468,200	$ 2,468,200	$ -	$ 2,468,200	0.0%	In Process	Staff working on a memorandum of understanding with owner of property
3	WD1302	M	Garrison Farm Water Storage Tank	2,695,000	4,677,000	4,628,870	48,130	99.0%	1,297,300	1,297,300	1,249,131	48,169	96.3%	In Process	Project underway, approximately 98% complete. Anticipated completion by early February.
4	WW1304	M	Garrison Farm WW Improvements	2,000,000	3,738,400	3,311,645	426,755	88.6%	628,500	628,500	201,669	426,831	32.1%	In Process	Project underway, approximately 99% complete.
5			**Totals - FY 2008 - FY 2013**	$ 8,891,600	$ 10,971,400	$ 8,028,342	$ 2,943,058	73.2%	$ 4,394,000	$ 4,394,000	$ 1,450,800	$ 2,943,200	33.0%		
6															
7			**FY 2014**												
8	WW1206		Brandywine Pump Station	$ 402,000	$ 375,600	$ 274,381	$ 101,219	73.1%	$ 101,200	$ 101,200	$ -	$ 101,200	0.0%	In Process	Project underway, general contractor and manufacturer have stalled project.
9	WW1303		Westover PS	768,800	1,350,400	77,167	1,273,233	5.7%	1,292,400	1,292,400	19,165	1,273,235	1.5%	In Process	Contractor has mobilized, beginning site reconstruction.
10			**Totals - FY 2014**	$ 1,170,800	$ 1,726,000	$ 351,548	$ 1,374,452	20.4%	$ 1,393,600	$ 1,393,600	$ 19,165	$ 1,374,435	1.4%		
11															
12			**FY 2015**												
13	WQ1503		West Dover Connector Project	$ 336,000	$ 338,800	$ 337,787	$ 1,013	99.7%	$ 73,600	$ 76,400	$ 75,319	$ 1,081	98.6%	Complete	
14	WW1504		Lakeview Dr Pump Stn Replacement	450,000	408,400	266,837	141,563	65.3%	359,600	359,600	218,020	141,580	60.6%	In Process	Project approximately 98% complete.
15	WW1507		Retreat Pump Station Replacement	412,500	396,700	36,331	360,369	9.2%	360,500	360,500	157	360,343	0.0%	In Process	Project awarded. Notice to Proceed early February.
16	WW1509		West Dover Connector Road Utility Relo	922,000	922,300	922,221	79	100.0%	387,300	387,300	387,180	120	100.0%	Complete	
17			**Totals - FY 2015**	$ 2,120,500	$ 2,066,200	$ 1,563,176	$ 503,024	75.7%	$ 1,181,000	$ 1,183,800	$ 680,676	$ 503,124	57.5%		
18															
19			**FY 2016**												
20	---	R	Vehicles & Equipment	$ 409,500	$ 411,500	$ 305,651	$ 105,849	74.3%	$ 103,700	$ 411,500	$ 305,651	$ 105,849	74.3%	In Process	
21	WD1600		Meter Replacement Project	300,000	300,000	15,833	284,167	5.3%	300,000	300,000	15,833	284,167	5.3%	In Process	Meters have been ordered. Approximately 40 meters replaced
22	WD1601	R	Wellhead Redevelopment	82,500	82,500	51,625	30,875	62.6%	82,500	82,500	51,625	30,875	62.6%	In Process	Staff to meet with contractor on specific work soon.
23	WD1605		Future Well Installation	80,000	80,000	-	80,000	0.0%	80,000	80,000	-	80,000	0.0%	In Process	Staff has identified possible location of future well, await schedule to test.
24	WD1606		New Fence-Bayard Ave Water Tower	89,000	84,200	1,763	82,437	2.1%	89,000	84,200	1,763	82,437	2.1%	Complete	Final invoice paid in January
25	WD1607	R	SCADA Equipment Tech Upgrade	83,000	83,000	-	83,000	0.0%	83,000	83,000	-	83,000	0.0%	In Process	Materials scheduled to be ordered soon.
26	WD1608		Shallow Well #7 Abandonment	15,000	15,000	8,815	6,185	58.8%	15,000	15,000	8,815	6,185	58.8%	Complete	Awaiting reimbursement by land owner.
27	WD1609	R	WTP Process Improvements	284,400	284,400	73,497	210,903	25.8%	284,400	284,400	73,497	210,903	25.8%	In Process	Design work continuing.
28	WQ1601	R	Water Quality Improvements	1,000,000	895,000	-	895,000	0.0%	1,000,000	895,000	-	895,000	0.0%	In Process	New Street to be bid out in February.
29	WQ1602	R/T	Misc Emerg Water Quality Repairs	-	75,000	42,691	32,309	56.9%	-	75,000	42,691	32,309	56.9%	In Process	Project ongoing, work provided as emergencies arise.
30	WQ1603	T	Reimb KC for Water Main Increase	-	30,000	-	30,000	0.0%	-	30,000	-	30,000	0.0%	In Process	Staff awaiting invoice from Kent County to reimburse.
31	WW1503		Hazzletteville Road Interceptor	755,000	462,100	-	462,100	0.0%	462,100	462,100	-	462,100	0.0%	In Process	Bids received, staff evaluating options.
32	WW1601		Inflow/Infiltration Removal	875,000	623,000	-	623,000	0.0%	875,000	623,000	-	623,000	0.0%	In Process	Additional projects under final review from DelDot
33	WW1602		Miscellaneous Pump Station Repairs	300,000	300,000	-	300,000	0.0%	300,000	300,000	-	300,000	0.0%		Bids to be sent out in February.
34	WW1603		Rolling Acres PS Replacement	52,000	52,000	8,754	43,246	16.8%	52,000	52,000	8,754	43,246	16.8%	In Process	Design work underway, approx 75% complete.
35	WW1605		DE Ave Sanitary Sewer Extension	25,000	25,000	-	25,000	0.0%	25,000	25,000	-	25,000	0.0%	In Process	Design work 98% complete, to be bid out in Feb.
36	WW1607	T	US 13 East PS #7 Repairs	-	97,000	-	97,000	0.0%	-	97,000	-	97,000	0.0%	In Process	Awaiting materials to be delivered
37	WW1608	T	St Jones River Sewer Repair	-	50,000	-	50,000	0.0%	-	50,000	-	50,000	0.0%	In Process	Work complete, awaiting final video from contractor.
38	WW1609	T	McKee Tax Ditch Sewer Repair	-	30,000	-	30,000	0.0%	-	30,000	-	30,000	0.0%	In Process	Work complete, awaiting final video from contractor.
39	II1603	T	Misc Emergency I&I Repairs	-	75,000	5,820	69,180	7.8%	-	75,000	5,820	69,180	7.8%	In Process	Project ongoing, work provided as emergencies arise.
40			**Totals - FY 2016**	$ 4,350,400	$ 4,054,700	$ 514,448	$ 3,540,252	12.7%	$ 3,751,700	$ 4,054,700	$ 514,448	$ 3,540,252	12.7%		
41															
42															
43			**Grand Totals**	$ 16,533,300	$ 18,818,300	$ 10,457,515	$ 8,360,785	55.6%	$ 10,720,300	$ 11,026,100	$ 2,665,089	$ 8,361,011	24.2%		

Legend
M = Multi-year project - a project with a specific schedule to occur over multiple years.
R = Recurring project - a project that begins and ends each fiscal year and is budgeted to start over each fiscal year. No carry forward.
SL = State Loan Project - construction phase is financed
I = Impact Fee (partially) financed project
T = Transfer from blanket WQ or I&I original budget

City of Dover
Electric Improvement & Extension Fund - Major CIP Projects
Quarterly Report as of Dec 31, 2015

				TOTAL PROJECT - PAST, CURRENT & FUTURE BUDGETS					CURRENT FISCAL YEAR						
	Project Code	Type	Description	Original Project Budget	Latest Project Budget	Project To Date Expenses	Project Budget Balance	% Budget Spent	Current Fiscal Year Budget	Revised Fiscal Year Budget	Fiscal YTD Expenses	Budget Balance	% Budget Spent	Status	Comments
1			**FY 2012 - FY 2013**												
2	EG1212	M	Unit 3 Turbine Inspection/Repair	$ 1,760,000	$ 1,713,600	$ 1,699,848	$ 13,752	99.2%	$ 53,500	$ 53,500	$ 39,700	$ 13,800	74.2%	Complete	Work is completed. TSI and vibration testing completed.
3	EE1312	M	General Scott Switchgear	1,155,000	1,155,000	221,200	933,800	19.2%	1,107,200	1,107,200	173,405	933,795	15.7%	In Process	New Switchgear online, working minor issues with vendor, 99% complete
4			**Totals - FY 2012 - FY 2013**	$ 2,915,000	$ 2,868,600	$ 1,921,048	$ 947,552	67.0%	$ 1,160,700	$ 1,160,700	$ 213,105	$ 947,595	18.4%		
5															
6			**FY 2014**												
7	EE1443		GOTP Transmission Line Relocation	$ 550,000	$ 550,000	$ 304,853	$ 245,147	55.4%	$ 408,500	$ 408,500	$ 163,326	$ 245,174	40.0%	In Process	Final bill discrepancy, close out when verified
8	EG1416	M	VanSant Capacity Increase	1,500,000	1,000,000	693,009	306,991	69.3%	492,200	492,200	185,169	307,031	37.6%	In Process	Mechanical and electrical work completed. Testing has been completed. Need to install protective closure around pump skid. Need to replace water skid acid pumps.
9			**Totals - FY 2014**	$ 2,050,000	$ 1,550,000	$ 997,862	$ 552,138	64.4%	$ 900,700	$ 900,700	$ 348,495	$ 552,205	38.7%		
10															
11			**FY 2015**												
12	EG1504		McKee Unit 3 Boiler System	$ 890,000	$ 180,000	$ 107,990	$ 72,010	60.0%	$ 80,800	$ 122,800	$ 50,703	$ 72,097	41.3%	In Process	Boiler tube repairs, metallurgical analysis on failed tubes. Safety valve testing to be completed by end of January 2016.
13	EG1506		McKee & VanSant Safety Improvement	52,000	52,000	33,776	18,224	65.0%	18,300	18,300	-	18,300	0.0%	In Process	
14	EE1500		69 kV Rebuild	393,500	330,500	18,182	312,319	5.5%	318,500	318,500	6,153	312,348	1.9%	In Process	
15	EE1509		West Dover Connector	250,000	250,000	103,938	146,062	41.6%	155,800	155,800	9,729	146,071	6.2%	In Process	Awaiting pole stakes and State verification of placement
16	EE1513	M	Town Point Distribution Feeders	600,000	590,800	374,623	216,177	63.4%	350,000	350,000	133,786	216,214	38.2%	In Process	Phase 1 about 50% complete
17	EE1516		Chestnut Grove	299,000	255,000	118,999	136,001	46.7%	136,000	136,000	-	136,000	0.0%	In Process	Contractor to install conduit to proceed, PS completed
18	EE1522		Garrison Oak Park	184,000	184,000	166,523	17,477	90.5%	17,500	17,500	-	17,500	0.0%	Complete	
19	EE1525		Leander Lakes Apt Phase 1	73,000	73,000	45,658	27,342	62.5%	69,400	69,400	42,049	27,351	60.6%	In Process	Awaiting final approval on closing in electrical loop
20	EE1526		Playtex Addition	354,100	354,100	278,704	75,396	78.7%	150,000	150,000	74,568	75,432	49.7%	In Process	Complete but awaiting final concrete bill
21	EE1544		Nottingham Meadows	28,600	28,600	10,245	18,355	35.8%	26,600	26,600	8,234	18,366	31.0%	Complete	
23	EE1547		NBR Properties	16,600	14,200	14,012	188	98.7%		11,500	11,325	175	98.5%	Complete	
24			**Totals - FY 2015**	$ 3,154,400	$ 2,325,800	$ 1,280,761	$ 1,045,039	55.1%	$ 1,322,900	$ 1,376,400	$ 336,547	$ 1,039,853	24.5%		
25															
26			**FY 2016**												
27	---	R	Metering Infrastructure	$ 150,000	$ 150,000	$ -	$ 150,000	0.0%	$ 150,000	$ 150,000	$ -	$ 150,000	0.0%	In Process	
28	---	R	Vehicles & Equipment	464,300	464,300	155,858	308,442	33.6%	464,300	464,300	155,858	308,442	33.6%	In Process	
29	EG1601		McKee Building Equipment Replacement	42,000	42,000	3,863	38,137	9.2%	42,000	42,000	3,863	38,137	9.2%	In Process	Building heating modifications.
30	EG1607		Unit 3 Auxilary Equipment	135,000	135,000	79,313	55,687	58.8%	135,000	135,000	79,313	55,687	58.8%	In Process	Unit 3 ID fan motor inspection/repairs. TR-22 chart recorder replacement.
31	EG1608		McKee & VanSant CEMS Upgrade	89,000	89,000	-	89,000	0.0%	89,000	89,000	-	89,000	0.0%	In Process	Computers purchased and sent to VIM Technologies for imaging.
32	EG1609		VanSant Unit 11 Component Replacem	21,000	21,000	-	21,000	0.0%	21,000	21,000	-	21,000	0.0%	In Process	Hydraulic system sequencing valve repairs, gas line supply line regulators
33	EG1610	R	McKee/VanSant Safety & Compliance	157,000	157,000	-	157,000	0.0%	157,000	157,000	-	157,000	0.0%	In Process	Front lobby access improvements, replace obsolete 2-way radios
34	EG1611		McKee/VanSant Preserve Structure	215,000	215,000	4,707	210,293	2.2%	215,000	215,000	4,707	210,293	2.2%	In Process	Expenditures have been in support of T&D transformer repairs.
35	EG1612		Van Sant Exhaust Plenum Replacement	469,000	469,000	161,392	307,608	34.4%	469,000	469,000	161,392	307,608	34.4%	In Process	Work to be completed in spring 2016 outage. Note the project was changed from Unit #3 Circ Water Pipe Inspection to Van Sant Exhaust Plenum Replacement. Inspection was completed in 2012. Scope of work to be determined.
36	EG1613		McKee Unit 3 Stack Repairs	485,000	485,000	-	485,000	0.0%	485,000	485,000	-	485,000	0.0%		Inspection was completed in 2012. Scope of work to be determined.
37	EE1603		Transmission Line Maintenance Program	75,000	75,000	-	75,000	0.0%	75,000	75,000	-	75,000	0.0%	In Process	
38	EE1604	R	Lighting Proj & Rehab	67,000	67,000	20,560	46,440	30.7%	67,000	67,000	20,560	46,440	30.7%	In Process	
39	EE1605		69 kV Cable Replacement North Street (originally proj EE1520)	565,700	135,000	-	135,000	0.0%	135,000	135,000	-	135,000	0.0%	In Process	Design in work
40	EE1606		Distribution Capacitors and Controls	50,000	50,000	-	50,000	0.0%	50,000	50,000	-	50,000	0.0%	In Process	
41	EE1607		Horsepond URD - Distribution Feeders	67,000	67,000	5,162	61,838	7.7%	67,000	67,000	5,162	61,838	7.7%	In Process	
42	EE1610		Frazier 900 Circuits	10,000	10,000	-	10,000	0.0%	10,000	10,000	-	10,000	0.0%	In Process	
43	EE1612		Dover AFB Substation Rebuild	30,000	30,000	-	30,000	0.0%	30,000	30,000	-	30,000	0.0%	In Process	
44	EE1616	R	New Developments	2,500,000	1,852,200	-	1,852,200	0.0%	2,500,000	1,852,200	-	1,852,200	0.0%	In Process	
45	EE1617		Oak Grove Trailer Park - Dist Upgrade	78,500	78,500	-	78,500	0.0%	78,500	78,500	-	78,500	0.0%	In Process	
46	EE1618		Lakeland - Distribution Upgrades	63,000	63,000	-	63,000	0.0%	63,000	63,000	-	63,000	0.0%	In Process	

City of Dover
Electric Improvement & Extension Fund - Major CIP Projects
Quarterly Report as of Dec 31, 2015

				TOTAL PROJECT - PAST, CURRENT & FUTURE BUDGETS					CURRENT FISCAL YEAR						
47	EE1619		Route 8/Mifflin Road - Dist Upgrade	51,500	51,500	-	51,500	0.0%	51,500	51,500	-	51,500	0.0%	In Process	Awaiting easement paperwork from residents
48	EE1620		Route 8 Taps - Distribution Upgrade	38,500	38,500	-	38,500	0.0%	38,500	38,500	-	38,500	0.0%	In Process	Awaiting easement paperwork from residents
49	EE1621		Townsend Brothers - Dist Upgrade	14,500	14,500	-	14,500	0.0%	14,500	14,500	-	14,500	0.0%	In Process	Boring complete, awaiting wiring/terminations
50	EE1622		Persimmon Tree Apts - Dist Upgrade	62,000	62,000	-	62,000	0.0%	62,000	62,000	-	62,000	0.0%	In Process	Awaiting underground crew to start
51	EE1623	T	DNREC R&R Metering	-	41,000	-	41,000	0.0%	-	41,000	-	41,000	0.0%	In Process	
52	EE1625	T	Public Works Wetland Project	-	78,000	-	78,000	0.0%	-	78,000	-	78,000	0.0%	In Process	
53	EE1626	T	Washington Street Lights	-	40,000	-	40,000	0.0%	-	40,000	-	40,000	0.0%	In Process	
54	EE1627		Dover East Estates - Dist Upgrade	130,000	130,000	-	130,000	0.0%	130,000	130,000	-	130,000	0.0%	In Process	
55	EE1629	T	Tall Pine Condos	-	43,000	-	43,000	0.0%	-	43,000	-	43,000	0.0%	In Process	Awaiting developer go ahead
56	EE1630		Reed Street Roof Repair/Replacement	201,800	151,800	-	151,800	0.0%	201,800	151,800	-	151,800	0.0%	In Process	In discussion with architects and environmental personnel
57	EE1631		North Street OH to UG - Dist Upgrade	100,000	100,000	-	100,000	0.0%	100,000	100,000	-	100,000	0.0%	In Process	
58	EE1632	T	Blue Hen Corp - Phase I	-	25,600	23,150	2,450	90.4%	-	25,600	23,150	2,450	90.4%	In Process	
59	EE1633	T	State Street Commons Fiber Optic Proj	-	64,000	40,233	23,767	62.9%	-	64,000	40,233	23,767	62.9%	Complete	
60	EE1635	T	McKee Road - Edgewell	-	7,000	-	7,000	0.0%	-	7,000	-	7,000	0.0%	In Process	
61	EE1636	T	Clearview - Phase 4	-	160,000	117,020	42,980	73.1%	-	160,000	117,020	42,980	73.1%	In Process	
62	EE1637	T	Dover Town Center Flex Site	-	13,900	-	13,900	0.0%	-	13,900	-	13,900	0.0%	In Process	
63	EE1638	T	Dover Town Center	-	35,200	22,953	12,247	65.2%	-	35,200	22,953	12,247	65.2%	In Process	Install 90% complete
64	EE1639	T	Outback Steakhouse	-	30,600	-	30,600	0.0%	-	30,600	-	30,600	0.0%	In Process	Awaiting contractor so we can terminate connections
65	EE1641		Reed St - Building/Safety Improvements	-	50,000	42,803	7,197	85.6%	-	50,000	42,803	7,197	85.6%	In Process	
66	EE1642	T	Del Homes Warehouse	-	18,000	15,000	3,000	83.3%	-	18,000	15,000	3,000	83.3%	In Process	Awaiting contractor so we can terminate connections
67	EE1643	T	Winner Volkswagen	-	13,300	-	13,300	0.0%	-	13,300	-	13,300	0.0%	In Process	Awaiting go-ahead from contractor
68	EE1644	T	Retreat Pump Station	-	7,300	-	7,300	0.0%	-	7,300	-	7,300	0.0%	In Process	Awaiting Public Works go-ahead
69	EE1645	T	Dover Family Cosmetic	-	10,300	-	10,300	0.0%	-	10,300	-	10,300	0.0%	In Process	
70	EE1646	T	Loockerman Retail	-	26,500	-	26,500	0.0%	-	26,500	-	26,500	0.0%	In Process	
71	EE1647	T	Ollies Transformer Replacement	-	22,600	-	22,600	0.0%	-	22,600	-	22,600	0.0%	In Process	Received permits
72			**Totals - FY 2016**	$ 6,331,800	$ 5,889,600	$ 692,015	$ 5,197,585	11.7%	$ 5,901,100	$ 5,889,600	$ 692,015	$ 5,197,585	11.7%		
73															
74			**Grand Totals**	$ 14,451,200	$ 12,634,000	$ 4,891,686	$ 7,742,314	38.7%	$ 9,285,400	$ 9,327,400	$ 1,590,163	$ 7,737,237	17.0%		

Legend
M = Multi-year project - a project with a specific schedule to occur over multiple years.
R = Recurring project - a project that begins and ends each fiscal year and is re-budgeted to start over each fiscal year.
B = Bonded Project
S = State fully or partially reimbursed project

Monthly Management Committee Update

October 2015

Prepared By:
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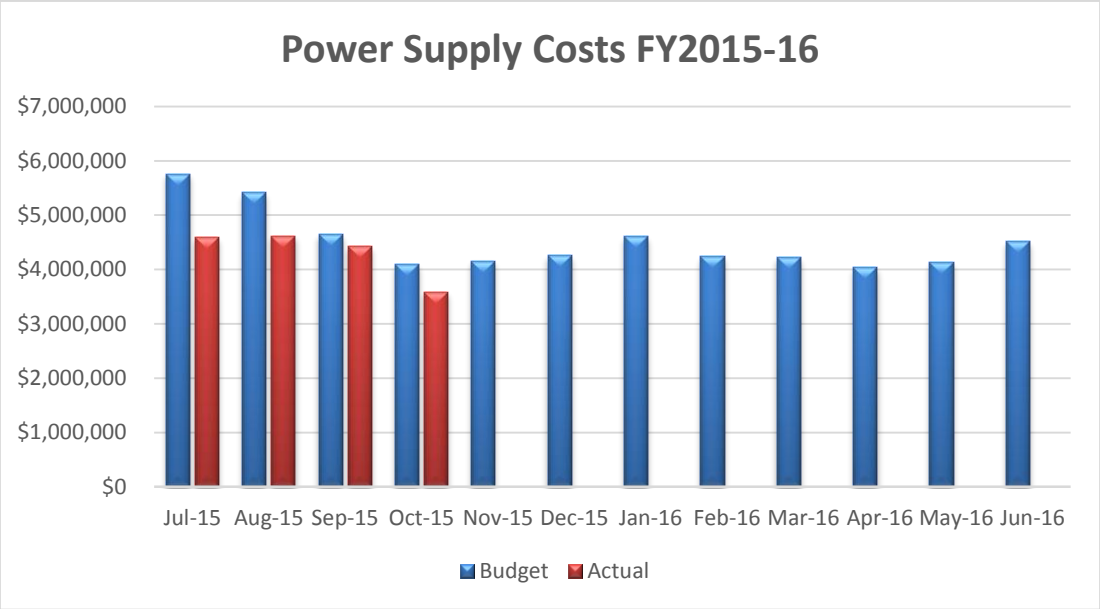
Date:
November 19, 2015

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I. EXECUTIVE SUMMARY

POWER SUPPLY SUMMARY



Overall Power Supply costs were $503,134 below budget predominantly driven by lower PJM-Energy, Congestion and Losses and lower Hedge Energy costs.

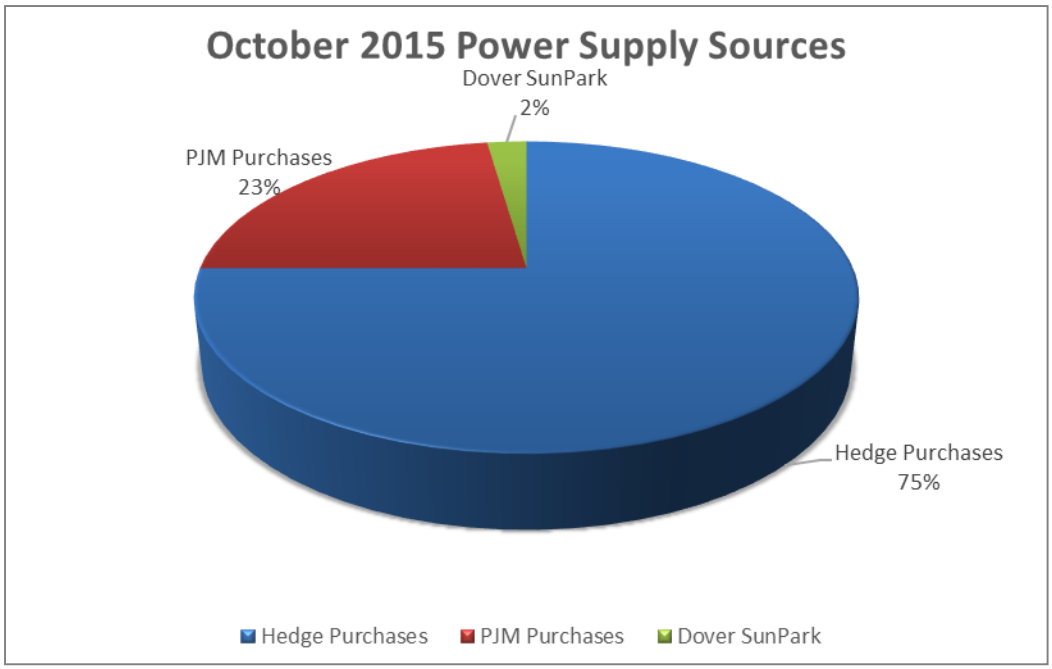
Dover's budgeted cost for all power supply (capacity AND energy) was $73.90/MWh. The actual cost of all power supply (capacity AND energy) was $64.56/MWh in a positive budget variance of $9.34.

The actual cost of energy alone was $35.80/MWh as opposed to a budgeted energy cost of $43.23.

Dover's total load was 55,510 MWh versus a forecasted load of 55,300 MWh. Hedge purchases totaled 42,128 MWh, which was 76% of the actual load. The budgeted hedge purchase totaled 45,976 MWh, which was 83% of the budgeted load.

Dover's power purchases from hedge transactions totaled $1,721,267. Purchases from PJM (energy and fees) totaled $1,573,407.78. This number includes Locational Reliability charge of $904,154.06 and DA spot market energy charges of $433,404.80. Dover's planned energy purchase from the SunPark solar installation was 1,224 MWhs. Dover's actual energy purchase from the SunPark installation was 1,308 MWh.

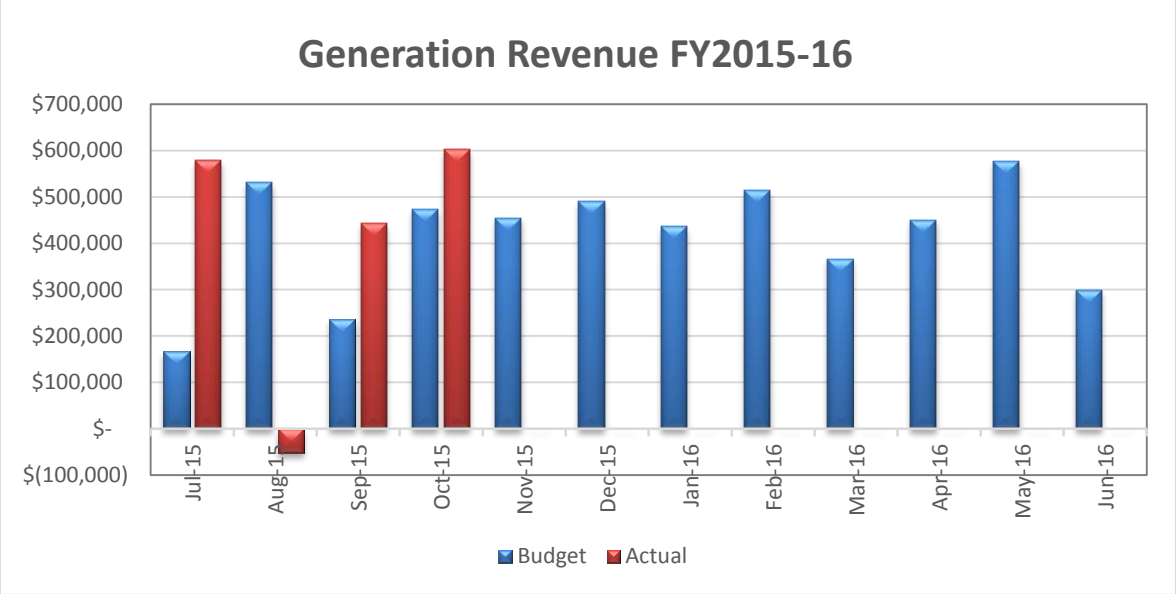
Supply Source Summary



Supply Variance

Purchased Power Variance Report:	October		
	Budget	Actual	Variance
Gross Load	55,300	55,510	(210)
Wholesale Load	54,006	54,202	(196)
Hedged Volume (MWh)	45,976	42,128	3,848
Unhedged Volume (MWh)	8,030	12,074	(4,044)
Dover SunPark Volume (MWh)	1,294	1,308	(14)
Renewable Energy Credits Volume	194	228	(34)
Hedged Cost ($/MWh)	$ 40.78	$ 40.86	$ (0.08)
Unhedged Energy Cost ($/MWh)	$ 43.26	$ 7.47	$ 35.79
Solar Energy Cost ($/MWh)	$ 130.14	$ 134.20	$ (4.06)
Energy Costs ($/MWh)	**$43.23**	**$35.80**	**$7.44**
All-in Costs - Energy, Capacity and RECs ($/MWh)	**$73.90**	**$64.56**	**$9.34**

GENERATION SUMMARY



Net Generation Revenue for the month of October was $602,485 versus a budget of $473,700. The favorable budget variance was due to Non-Production Revenue $873,044.

Generation Breakdown

City of Dover

Monthly Wholesale Generation

October 2015

Net Generation
0.00

Production Margin

				Formula
PJM - Generation				
	Economic and Reliability Dispatch	$	2,269.75	A
Natural Gas & Oil Consumption				
	Purchases for Generation	$	(3,975.00)	
	Natural Gas Transport	$	-	
	Eastern Shore Cashout	$	-	
	Oil Consumption	$	-	
	Subtotal: Natural Gas & Oil Consumption	$	(3,975.00)	B
Gross Production Margin		$	(1,705.25)	C = (A + B)
$/MWh Generation Production Gross Margin		$	-	E = (C/D)
PJM - Capacity				
	Generation Capacity Credit	$	902,145.57	
	Reactive Supply and Transmission Losses	$	45,546.40	
	Subtotal: PJM - Capacity	$	947,691.97	F
All in Generation Margin				
	All in Generation Margin Total	$	945,986.72	(G = C + F)

EMISSIONS SUMMARY

Emissions Allowance and Solar Renewable Energy Summary through October 31, 2015

The reinstated Cross-State Air Pollution Rule (CSAPR) replaced the Clean Air Interstate Rule (CAIR) beginning January 1, 2015. The State of Delaware was included in the CAIR footprint but is not included in the CSAPR footprint. CAIR allowances cannot be used for CSAPR compliance, so Dover's CAIR allowances essentially became valueless when CSAPR was reinstated.

The separate Clean Air Act acid rain deposition control program (CAA Title IV) which governs SO_2 national allowance trading program remains in effect for Dover. Beginning with the January 2015 report, TEA no longer includes a CAIR summary. It will continue to report on Dover's Clean Air Act Title IV SO_2 allowances.

Market liquidity for Title IV SO_2 allowances is very low, with few transactions occurring. The following table shows estimated values for Dover's banked allowances, based on a market price assessment published by SNL Energy.

Market Value for Clean Air Act Title IV Allowances			
Commodity	***$/Ton[1]***	***Tons***	***Market Value***
SO_2 Allowances – Title IV	$0.56	15,018	$8,410
Total			**$8,410**

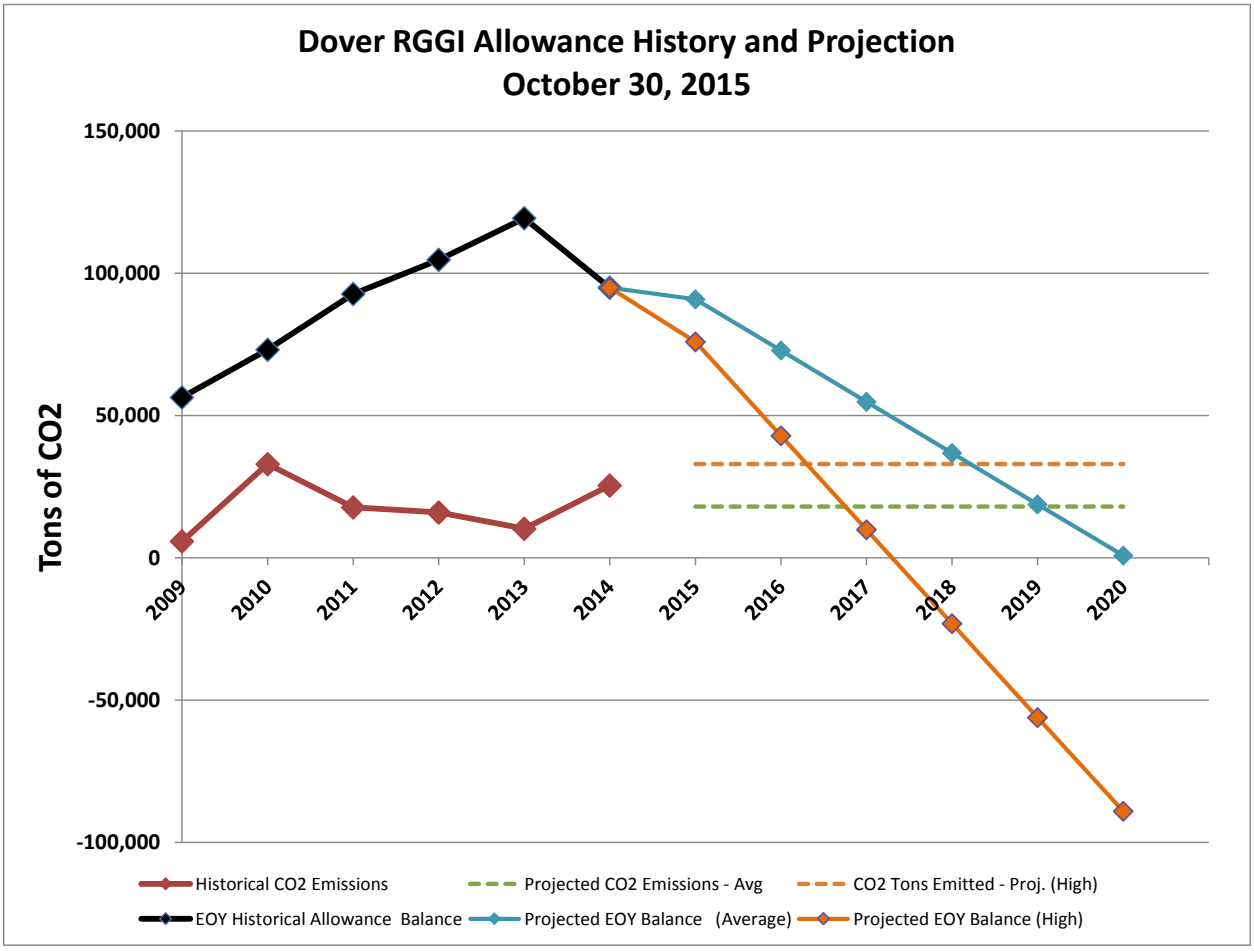
Regional Greenhouse Gas Initiative

The State of Delaware is a participant in the Regional Greenhouse Gas Initiative (RGGI). The City of Dover must comply with RGGI by surrendering carbon dioxide (CO_2) allowances pursuant to the State of Delaware's laws (Title 7, Chapter 60, Sub-Title II-A).

Dover had more than a sufficient number of RGGI allowances allocated to it to cover its requirements through the first compliance period (calendar years 2009-2011) and second compliance period (2012-2014). Any unused allowances are carried over ("banked") for subsequent years. The table below includes Dover's historical activities and includes projections through 2020. Two projections are presented: (1) future annual emissions based on the average for 2009-2014, and (2) future annual emissions based on 2010 actual CO2 emissions, which was the highest emissions year between 2009 and 2014.

[1] October 20, 2015 Daily Power Report by SNL Energy

Dover, DE RGGI Allowance History and Forecast - October, 2015								
Compliance Year (CY)	CO2 Allowances Purchased	Allocated CO2 Allowances	CO2 Tons Emitted - Historical	EOY Historical Allowance Balance	CO2 Tons Emitted - Proj. (Avg)	CO2 Tons Emitted - Proj. (High)	Projected EOY Balance (Average)	Projected EOY Balance (High)
2009		62,184	5,796	56,388				
2010		49,747	32,971	73,164				
2011		37,311	17,746	92,729				
2012		27,983	15,957	104,755				
2013		24,818	10,230	119,343				
2014	**1,000**	N/A	25,427	94,916			94,916	94,916
2015	**14,000**	N/A	11,577	**97,339**	18,021	33,000	90,895	75,916
2016		N/A			18,021	33,000	72,874	42,916
2017		N/A			18,021	33,000	54,853	9,916
2018		N/A			18,021	33,000	36,831	-23,084
2019		N/A			18,021	33,000	18,810	-56,084
2020		N/A			18,021	33,000	789	-89,084



The table and chart indicate that Dover could run out of banked allowances as early as the end of 2017 under the high emissions scenario and by the end of 2020 under the average scenario. Therefore, Dover has recently initiated a program to participate in RGGI's quarterly auctions to ensure it has adequate allowances in the future.

In anticipation of needing additional RGGI allowances in the future, Dover has participated in the last four auctions and plans to continue to participate as required. The table below shows details for Dover's allowance purchases for each of these previous auctions.

Dover's RGGI Allowance Purchase History				
RGGI Auction Number	***Auction Date***	***Auction Clearing Price ($/Ton)***	***Quantity Of Allowances Awarded***	***Total Cost***
26	December 3, 2014	$5.21	1,000	$ 5,210
27	March 11, 2015	$5.41	6,000	32,460
28	June 3, 2015	$5.50	4,000	22,000
29	September 3, 2015	$6.02	4,000	24,080
Totals			**15,000**	**$83,750**

The chart and table above does not include August or September actual CO2 emissions deductions. These will be included in next month's report.

The next quarterly RGGI auction will be held on December 2, 2015. Dover has submitted its intent to bid in the upcoming auction and will be required to post financial security by November 24 to participate. TEA will provide recommendations for Auction 30 during the Risk Management Committee (RMC) meeting.

Based on the October 19, 2015 ICE price for the December 2015 strip ($6.81/ton), the estimated market value of Dover's existing 96,156[2] ton RGGI allowance bank is $654,822[3].

On November 17, 2015 RGGI held a stakeholder meeting to prepare for the 2016 RGGI program review. Discussion topics included EPA's Clean Power Plan, potential changes to the RGGI allowance cap post 2020 and a discussion about RGGI's Flexibility Mechanisms. TEA will summarize the results of this stakeholder meeting in the near future.

Renewable Energy Certificates

Dover owns two photovoltaic systems totaling 15 kW, consisting of one 5 kW unit at the Utilities Administration Building and two 5 kW units at the McKee Run generating station. Dover also receives solar energy produced by the 10 MW Dover Sun Park, which is owned by White Oak Solar Energy, LLC. In addition to all of the physical energy produced by the Sun Park, Dover receives 15% of Sun Park's Solar Renewable Energy Credits (SRECS).

[2] Subject to verification from RGGI COATS account.
[3] i.d.

Dover participates in the Delaware Municipal Electric Renewable Portfolio Standard (DMERPS) for compliance with the State of Delaware's RPS laws applicable to municipal utilities. The first compliance period under DMERPS was for the 12 months ending May 2014 and the second compliance period was for the 12 months ending May 2015.

Last month, it was reported that SRECs from the White Oak Solar Energy Center are eligible for a 10% adder because the facility was constructed using a Delaware labor force. TEA, DEMEC and Dover staff have reconciled this increase in SRECs. PJM's GATs system does not include a mechanism to retroactively record the 10% labor bonus SRECs. Therefore, DEMEC and TEA have had to account for these bonus SRECs outside PJM's GATS.

The revision indicated that Dover over-complied in the first compliance period by 290.2 SRECs. These were used to off-set a portion of the second control period's requirement to surrender 3,435 SRECs, resulting in a net surrender for the second control period of 3,144.8 SRECs.

Through the end of generation month September 2015, Dover had accumulated a total of 5,853 SRECs from these renewable energy resources, net of 2,941 SRECs transferred to DEMEC for surrender on October 3, 2014 for the first compliance period and 2,861 SRECs for the second compliance period on November 9, 2015.

Delaware periodically holds SRECs auctions; however, these auctions are for size tiers N1-N3, E1 and E2. The Dover Sun Park is in the N4 tier for large-scale facilities. State-wide carve outs for Tier 4 has been fully subscribed, so there is not a market for tier T4 SRECs in Delaware.

The nearest viable market for Dover's SRECs is Pennsylvania. Daily settlement prices are from Flett Exchange Environmental Services. The most recent settlement prices for Pennsylvania SRECS are used in the table below.

SREC Vintage (June 1 – May 31)	Market Clearing Price	SREC Balance Before 2014/15 Compliance	10% Bonus SRECs for Sun Park Labor[4]	Transferred to DEMEC for 2014/15 Compliance		Net SREC Balance After Transfer and Surrender	Market Value
				Bonus	*GATs*		
2011/2012	$ 0.00	0	290.2	290.2		0	$0
2012/2013	$ 0.00	2,173	215.7	215.7	2,173	0	$0
2013/2014	$15.00	2,701	268.0	68.1	687	2,213.9	3,208
2014/2015	$15.00	2,685	265.0	0	0	2,950.0	44,250
2015/2016	$15.00	1,155	114.6	0	0	1,269.6	19,044
Totals		**8,714**	**1,153.5**	**574**	**2,861**	**6,433.5**	**$66,502**

[4] Note: Retroactive Bonus Allowances were not transferred within PJM's GATS system but were used to off-set 2014/15 compliance obligation.

TEA continues to recommend to Dover to retain these allowances for compliance with its Renewable Portfolio Standard (RPS). Additionally, Dover will need to acquire additional SRECs resources in future years. It is apparent that Dover's portion of SRECs produced by White Oak Solar Energy Center will not be sufficient future years as the compliance requirements increase. DEMEC has indicated that it expects to have excess SRECs available for Dover's compliance requirements. This and other alternatives will need to be evaluated in the near future.

RISK MANAGEMENT SUMMARY

Forward power prices in PJM have decreased from last month.

PY	Hedge Ratio	Blended Cost ($/MWh)	Monthly Change ($/MWh)
2015-16	73%	$42.57	($0.51)
2016-17	54%	$40.97	($0.41)
2017-18	51%	$40.41	($0.42)
2018-19	41%	$39.19	($0.47)
2019-20	20%	$36.30	($0.38)

II. BUDGET REPORT

	Budget Oct-15	Actual Oct-15	Variance
Gross Load	**55,300**	**55,510**	**(210)**
Power Supply			
Hedged Energy	$1,874,900	$1,721,267	$153,633
PJM - Energy, Congestion & Losses	$347,400	90,213	$257,187
PJM - ARR, Transmission and Fees	$650,000	588,201	$61,799
Dover SUN Park Energy	$168,400	$175,542	($7,142)
Dover SUN Park RECs	$24,400	$30,249	($5,849)
RECS (Solar and Non-Solar)	$56,100	$0	$56,100
RGGI Credit Costs	$0	$0	$0
Management Fees	$83,000	$83,000	$0
PJM - Capacity UCAP Obligated Purchased	$882,400	$894,995	($12,595)
Subtotal - Power Supply	**$4,086,600**	**$3,583,466**	**$503,134**
Power Generation O&M			
Plant O&M	464,800	$343,502	121,298
Subtotal Generation O&M	**$ 464,800**	**343,502.00**	**$121,298**
Power Generation Production Margin			
PJM - Economic and reliability dispatch	$0	$ (2,269.75)	$2,270
Fuel Costs - Natural Gas	$0	$ 3,975.00	($3,975)
Fuel Costs - Oil	$0	-	$0
Testing Costs	$0	-	$0
Subtotal Generation Production Margin	**$0**	**$1,705**	**$ (1,705)**
Power Generation Non-Production Revenue			
PJM - Generation Capacity Credit	($908,500)	$ (902,146)	($6,354)
Emissions Allowance Sales	$0	$ -	$0
Reactive Supply - Gas	($30,000)	$ (45,546)	$15,546
Subtotal - Non-Production Revenue	**($938,500)**	**($947,692)**	**$9,192**
SubTotal - All Generation	**($473,700)**	**($602,485)**	**$128,785**
Total - Utilities Cost	**$3,612,900**	**$2,980,981**	**$631,919**
Unit Costs			
Total - Power Supply	$73.90	$64.56	$9.34
Total - Power Generation	($8.57)	($10.85)	$2.29
Final Cost of Service to City of Dover Ratepayers	$65.33	$53.70	$11.63

Variance Analysis

- **Power Supply**
  - Dover consumed 210 MWh more than forecasted for the month.
  - Dover saw a favorable variance for budgeted Hedged Energy of $153,633.
  - Dover experienced a favorable variance for budgeted PJM - Energy, Congestion & Losses of $257,187 and a favorable variance for PJM ARR, Transmission and Fees of $61,799.
  - This resulted in a net power supply cost of $53.70/MWh, $11.63/MWh below budget.
  - The city realized a favorable variance of $503,134 for power supply vs. the monthly budget.
  - Dover Sun Park generated 14 MWhs more than forecasted.
- **Generation**
  - Net Generation Revenue had a favorable variance of $128,785.

	Budget YTD	Actual YTD	Variance
Gross Load	**271,400**	**274,083**	**-2,683**
Power Supply			
Hedged Energy	$9,395,500	$9,200,058	$195,442
PJM - Energy, Congestion & Losses	$2,740,300	996,772	$1,743,528
PJM - ARR, Transmission and Fees	$2,732,500	2,077,844	$654,656
Dover SUN Park Energy	$784,400	$886,652	($102,252)
Dover SUN Park RECs	$150,200	$156,179	($5,979)
RECS (Solar and Non-Solar)	$224,400	$0	$224,400
RGGI Credit Costs	$43,800	$24,080	$19,720
Management Fees	$332,000	$332,000	$0
PJM - Capacity UCAP Obligated Purchased	$3,501,100	$3,537,574	($36,474)
Subtotal - Power Supply	**$19,904,200**	**$17,211,161**	**$2,693,039**
Power Generation O&M			
Plant O&M	$2,498,800	$ 1,929,581	$569,219
Subtotal Generation O&M	**$2,498,800**	**$ 1,929,581**	**$569,219**
Power Generation Production Margin			
PJM - Economic and reliability dispatch	($569,400)	($575,353)	$5,953
Fuel Costs - Natural Gas	$389,200	$223,660	$165,540
Fuel Costs - Oil	$0	$28,068	($28,068)
Testing Costs	$0	$0	$0
Subtotal Generation Production Margin	**($180,200)**	**($323,625)**	**$ 143,425**
Power Generation Non-Production Revenue			
PJM - Generation Capacity Credit	($3,604,700)	($3,016,487)	($588,213)
Emissions Allowance Sales	$0	$0	$0
Reactive Supply - Gas	($120,000)	($263,996)	$143,996
Subtotal - Non-Production Revenue	**($3,724,700)**	**($3,280,483)**	**($444,217)**
SubTotal - All Generation	**($1,406,100)**	**($1,674,527)**	**$268,427**
Total - Utilities Cost	**$18,498,100**	**$15,536,634**	**$2,961,466**
Unit Costs			
Total - Power Supply	$73.34	$62.80	$10.54
Total - Power Generation	($5.18)	($6.11)	$0.93
Final Cost of Service to City of Dover Ratepayers	$68.16	$56.69	$11.47

III. Operations Management

Executive Summary

During the month of October, there were no recordable accidents so the facility has gone 198 days without an OSHA Recordable Accident through October 31, 2015 and there were no lost time accidents so it has been 292 days since the last lost time accident at the facilities. There were no environmental incidents during the month of October.

No units were dispatched for the month of October, and on October 12 the planned outage was started on units 1, 2, and 3 for boiler inspections and safety valve work. Units 1 and 2 outages were cleared on October 27 at 1500 hours. The Unit 3 planned outage was cleared October 29 at 0900. All Units remained available for the remainder of the month.

The actual expenses for the month of October are $343,502 against a budgeted amount of $464,825 for a favorable variance of $121,323 or 26.10%. The variance was due to the following: A favorable monthly variance of $50,242 was due to not having a full complement of employees for this time period, an unfavorable monthly variance of $574 was due to additional work done to support the plant winterization project. Part of this was offset by the positive variance in water and sewer costs that were lower than expected for the month and provided a favorable monthly variance of $71,655 due to the timing of utility bill payments which resulted in (2) months of utilities expenses paid in September and none in October.

NAES Corporation
Dover, Delaware

October 2015
Monthly Report



Rich Newman, I,C&E Tech, and Phil Marvel, Maintenance Supervisor, celebrate Rich's past service at a luncheon held in Rich's honor

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Cover picture: Rich Newman recently was determined to be restricted from certain portions of his job requirements. He was put on short term disability with no hopes of recovery the job required ability he is unable to perform. He will transfer to long term disability once his short term benefits run out.

1.0 Environmental, Health and Safety

During the month of October, there were no recordable accidents, lost time accidents or environmental incidents. The facility has gone 198 days through October 31, 2015 without an OSHA Recordable Accident or a Lost Time since the April 16, 2015 reportable accident.

There was one Near Miss reported on October 30, 2015 at McKee Run. Prior to a delivery of bulk shipment of caustic liquid at McKee Run, an operator noticed caustic liquid dripping from the off-loading pipe. The operator found that the check valve that bleeds-off caustic fill line was not working properly. During the last caustic off-load, the operators didn't clear the line by venting residual liquid to the Neutralization Pit. As of October 31, 2015, two (2) employees need CPR/First Aid and AED training. They are scheduled to attend a class on November 13, 2015.

During the month of October, there were no IWW discharges to the Kent County Public Works sewer system. A representative sample of the industrial discharge was taken on October 9, 2015. McKee Run is still waiting on the final analytical results from this sampling event. McKee Run submitted a waiver of cyanide analysis to the Kent County Public Works division since cyanide was not detected in four (4) consecutive quarters. No response has been received by Kent County Public Works to date on a waiver determination.

During the month of October, representative storm water samples were collected as part of the required semi-annual NPDES sampling event at Outfall 001, 004, 005 and 006. Additionally, Delaware River Basin Commission (DRBC) storm water annual samples were collected from Outfalls 001 and 004 and analyzed for PCB congeners. Quarterly Visual Inspections of discharged storm water was also evaluated at this time. The October DMR was not submitted to DNREC in time for this report. The DMR will be submitted to DNREC before the 28th of November. An operator completed a storm water visual inspection form prior to discharging accumulated storm water from Outfall 006 and submitted to DNREC for review. No NPDES exceedances have been identified. All non-contact cooling tower blowdown water is being discharged directly to the Kent County Department of Public Works under the facilities Industrial Wastewater Discharge Permit #18. Van Sant's final wet compression stack testing data and report were submitted to DNREC and EPA for review on October 23, 2015.

In regards to a former incident that occurred in March 2015, the City of Dover-McKee Run Generating Station received a formal Notice of Violation from DNREC for failure to submit the required compliance certification report for CO2 allowances during the control period between 2012-2014 by March 1, 2015 deadline. The City of Dover has subsequently transferred 100% of the projected CO2 allowances from McKee Run's account to Van Sant's new control period account.

Environmental, Health and Safety Statistics			
	October	Fiscal Year to Date 7/1/2015-6/30/2016	
NOVs	0	1	
Opacity Deviations	0	1	
Environmental Deviations	0	0	
OSHA Recordable	0	0	
OSHA LTA's	0	0	
First Aid cases	0	0	
Restricted Workday Accident	0	0	
Near Miss	1	2	
Man Hours Worked	**4364.5**	**17691.25**	
Date of OSHA Recordable:	4/16/2015	**Days since last Recordable:**	198
Date of Lost Time Accident:	1/12/2015	**Days since last LTA:**	292

NOx Summary – Ozone Season (May-Sep) Tons					
Year	Unit #1	Unit #2	Unit #3	Unit #11	TOTAL
2013	1.1	1.7	19.3	1.3	23.4
2014	0.4	0.6	35	0.8	36.8
2015	0.1	0.2	7.5	2.6	10.4
NOx Summary - Year (Jan-Dec) Tons					
Year	Unit #1	Unit #2	Unit #3	Unit #11	TOTAL
2013	1.1	1.7	19.4	1.3	23.5
2014	0.8	1.1	39.8	3.7	45.4
2015	0.1	0.2	9.7	3.8	13.8
SO_2 Summary - Year (Jan-Dec) Tons					
Year	Unit #1	Unit #2	Unit #3	Unit #11	TOTAL
2012	0	0	0	0.1	0.1
2014	0	0	0.4	0.6	1
2015	0	0	12.1	0.8	12.9

SO_2 Allowance Summary					
SO_2 Allowance Vintage	SO_2 Allowances Sold - YTD	SO_2 Allowances Available (Per Unit, Prior to Sale & Reconciliation)		Total SO_2 Tons Emitted – U3 & U11 YTD	SO_2 Allowance Balance*
		Unit #3	Unit #11		
2013 and earlier	0	10,365	690	2	11,053
2014	0	1,850	138	1	1,987
2015	0	1,850	138	11	1,978
			Total SO2 Allowance Balance:		15,018
*Note – Emissions allowances are deducted according to oldest vintage first, unless otherwise directed.					

CO2 Allowance Summary					
CO2 Allowance Vintage	CO2 Allowances Bought/Sold YTD	CO2 Allowances Available (Per Facility, Prior to Sale)*		Total CO2 Tons Emitted	CO2 RGGI Account Allowance Balance
		McKee Run	VanSant		
2014 and earlier	1,000	194,244	7,799	108,126	94,917
2015	14,000**	2,176	403	7,340	1,239
			Total CO2 Allowance Balance:		96,156
*Note: CO2 allowance values are provided by the RGGI CO2 Allowance Tracking System. **Note: 10,000 CO2 Tons Purchased in 2015 Auction to date. This table remains in a state of development as we are working to obtain accurate data for proper status.					

2.0 Financials

Monthly and year-to-date financial results as compared with the approved power plant budget for the Generation Units are provided below.

October 2015			
	Actual	Budget	Variance
Personnel	$226,958	$277,200	$50,242
Materials & Supplies	$12,274	$11,700	($574)
Administrative Expenses	$104,270	$175,925	$71,655
Total	**$343,502**	**$464,825**	**$121,323**

July 2015 thru October 2015			
	Actual	Budget	Variance
Personnel	$885,237	$1,333,800	$448,563
Materials & Supplies	$54,195	$127,050	$72,855
Administrative Expenses	$990,155	$1,038,000	$47,845
Total	**$1,929,587**	**$2,498,850**	**$569,263**

2.1 Variance analysis:

The actual expenses for the month of October are $343,502 against a budgeted amount of $464,825 for a favorable variance of $121,323 or 26.10%. The variance was due to the following:

PERSONNEL EXPENSES: A favorable monthly variance of $50,242 was due to not having a full complement of employees for this time period. As a result, this impacted three (3) labor accounts – Straight Time, Overtime, and Labor Burdens.

MATERIALS AND SUPPLIES EXPENSES: An unfavorable monthly variance of $574 was due to additional work done to support the plant winterization project. Part of this was offset by the positive variance in water and sewer costs that were lower than expected for the month.

ADMINISTRATIVE EXPENSES: A favorable monthly variance of $71,655 was due to timing of utility bill payments which resulted in (2) month's being expensed in September and none in October. In addition, the pollution liability insurance costs that were budgeted for October were expensed in July for fiscal year 2016.

3.0 Operations

Unit Operations / Outages / Trips: No units were dispatched for the month of October by PJM or TEA. On October 12 the planned outage was started on units 1, 2, and 3 for boiler inspections and safety valve work. Units 1 & 2 were outage was cleared on October 27 at 1500 hours. The Unit 3 planned outage was cleared October 29 at 0900. All Units remained available for the remainder of the month.

Month of October 2015							
		McKee Unit 1	McKee Unit 2	McKee Unit 3	MRGS TOTAL	VanSant Unit 11	Total ALL Units
Capacity:	(MW)	17	17	102	136	39	175.00
On Line Hours:	(HRS)	0	0	0	0	0	0
Starts:	(#)	0	0	0	0	0	0
Gross Generation:	(MWh)	0	0	0	0	0	0
Net Generation:	(MWh)	0	0	0	0	0	0
Total Auxiliaries:	(MWh)	0	0	0	0	0	0
Auxiliaries purchased:	(MWh)	23.604	23.604	151.661	198.869	4.182	203.873
Fuel Gas Used:	(MMBTU)	0	0	0	0	0	0
Fuel Oil Used:	(MMBTU)	0	0	0	0	0	0
Fuel Oil Used:	(Gallons)	0	0	0	0	0	0
Total Fuel:	(MMBTU)	0	0	0	0	0	0
Net Heat Rate:	(BTU/KWh)	0	0	0	0	0	0
Unit Trips:	(#)	0	0	0	0	0	0
Capacity Factor:	(%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Availability Factor:	(%)	51.88%	51.88%	46.24%	50.00%	100.00%	62.50%
Commercial Unavailability :	(%)	0.0	0.0	0.0	0.0	0.0	0.0
Planned Outage Hours	(HRS)	358.000	358.000	344.000	1,060.000	0.0	1,060.000
Maintenance Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Forced Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Equivalent Derate Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Reserve Shutdown Hours:	(HRS)	386	386	344	1,116	0	1,116
HW Boiler Gas Usage:	(MMBTU)				0		0

2015-2016 Fiscal Year - July 2015 thru October 2015							
		McKee Unit 1	McKee Unit 2	McKee Unit 3	MRGS TOTAL	VanSant Unit 11	Total ALL Units
Capacity:	(MW)	17	17	102	136	39	175.00
On Line Hours:	(HRS)	7.233	10.166	216.731	234.13	14.349	248.48
Starts:	(#)	1	3	21	25	4	29.00
Gross Generation:	(MWh)	81.874	96.694	8,868.27	9,046.83	548.985	9,595.82
Net Generation:	(MWh)	79.759	92.259	7983.59	8155.608	548.611	8704.22
Total Auxiliaries:	(MWh)	109.472	111.792	1,788.450	2009.714	6.816	2,016.530
Auxiliaries purchased:	(MWh)	107.354	107.354	907.871	1,122.579	6.442	1,129.021
Fuel Gas Used:	(MMBTU)	958.55	2059.93	97372.19	100390.7	7118.801	107509.47
Fuel Oil Used:	(MMBTU)	0.00	0.00	7162.129	7162.129	0	7162.13
Fuel Oil Used:	(Gallons)	0.00	0.00	51,181.00	51,181.00	0.00	51181.00
Total Fuel:	(MMBTU)	958.55	2059.93	104534.5	107553	7118.801	114671.76
Net Heat Rate:	(BTU/KWh)	12.02	22.33	12.705	15.683	12.959	28.64
Unit Trips:	(#)	0	0	0	0	0	0
Capacity Factor:	(%)	21.00%	25.00%	354.00%	272.00%	64.00%	336.00%
Availability Factor:	(%)	87.87	87.87	86.45	87.40	100.0	90.55
Commercial Unavailability :	(%)	0.0	0.0	97.66	97.99	0.0	98.99
Planned Outage Hours	(HRS)	358.000	358.000	344.000	1,060.000	0.0	1,060.000
Maintenance Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Forced Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Equivalent Derate Hours:	(HRS)	0.00	0.00	55.15	32.14	0	32.14
Reserve Shutdown Hours:	(HRS)	2,586.77	2,583.834	2,326.269	7,496.873	2,937.651	10,434.524
HW Boiler Gas Usage:	(MMBTU)				0		0.00

Fuel Oil Inventory (#2 Fuel Oil)							
	Monthly Starting Inventory	Monthly Ending Inventory	Fuel Monthly Purchase	Monthly Inventory Change	FY15-16 Starting Inventory	Fuel Purchase FYTD	FY15-16 Inventory Change
McKee Run	697,950	828,375	126,038	130,425	739,369	126,038	89,006
Van Sant	180,011	222,992	44,971	42,981	180,770	44,971	42,222

Van Sant Lifetime through October 2015			
	Actual Starts	**Factored Starts**	**Fired Hours**
Van Sant	1,404	2392.75	4403.40
Since HGP–2004	275	725.05	1019.82

3.1 Team Report:

The Operations staff continues to support maintenance activities during the planned outage by serving as Confined Space Attendants for confined space areas as well as other support tasks. The Operations staff has also supported the outage by performing various LO/TO tasks needed to test or place equipment in or out or service.

Operations personnel continue to support maintenance by working on Preventative Maintenance (PM) work orders and other work orders that they have the skills to successfully complete the task. The Operations Department continues to utilize the Day Shift Workers in both the Operations and Maintenance areas to assist with maintenance of the plant.

4.0 Maintenance

During the month of October, the Plant Maintenance staff continued addressing the backlog of work orders and the preventative and new work orders received during the month. Back logged Work Orders are work orders that have been open for greater than thirty days. There were 88 new work orders issued with 82 work orders being completed, and 31 of the back logged work orders completed during the month. There were 2 new Safety Work Orders entered into the plant's Computerized Maintenance Management System (MP2) during the month of which 2 were completed. The table below summarizes the monthly work order activities based on MP2 records and will continue to improve with time. This table gives a representation of identified outstanding work; Preventative Maintenance tasks completion and remaining corrective work orders and back logged work orders that require attention.

City of Dover – McKee Run Work Order Statistics									
	WO Type	Starting backlog	Recv'd WO	Total WO	Comp WO	Comp Rcvd	Total Comp	Ending Bcklog	OPEN WO's
McKee Run	ADM	13	10	23	0	3	3	13	20
	CM	55	11	66	16	8	24	39	42
	EW	5	2	7	0	2	2	5	5
	PM	21	38	59	8	27	35	13	24
	PR	1	0	1	0	0	0	0	1
	SW	3	2	5	2	1	3	1	2
Site Totals		**100**	**60**	**167**	**28**	**41**	**67**	**71**	**94**

City of Dover – Van Sant Work Order Statistics									
	WO Type	Starting backlog	Recv'd WO	Total WO	Comp WO	Comp Rcvd	Total Comp	Ending Bcklog	OPEN WO's
Van Sant	ADM	3	0	3	0	0	0	3	3
	CM	3	3	6	0	3	3	3	3
	PM	3	5	8	2	5	7	1	1
	PR	0	0	0	0	0	0	0	0
	SW	0	0	0	0	0	0	0	0
Site Totals		**13**	**9**	**8**	**17**	**2**	**9**	**11**	**7**

Notable activities during the month include:

During the fall outage on Units 1, 2 & 3 the boiler inspector from XL Insurance inspected the boiler for the yearly State of Delaware regulations. There were no issues with the boiler inspections. The inspector started the all of the boiler are in good shape.

During the outage this fall the boiler safety and Units 1, 2 & 3 were removed by East Coast Valve Company and taken back to their facility and inspected and tested. There were no major issues with the safety valves. The safety valves were re-installed and the units were returned to normal operation.

During the fall outage Unit 3 3A ID fan motor was removed and sent to DEMCO motor shop to have the cooling blades replaced. The cooling blades were the cause of 3B FD motor failure. The motor cooling blades were changed, the motor bearing reworked and the windings dipped and baked. The motor was re-installed and tested for correct operation. The motor ran well. The bearing temperatures ran between 98°F-114°F. Before the motor was sent out to rework the bearing temperatures reached well over 170°F.

During a heavy rain event one of the roof drains was discovered to be leaking. This leak was directly over an electrical light panel on the turbine deck. A tent was fabricated over the electrical panel to divert the rain water to a drain below the turbine deck. The maintenance staff replaced the old rusty pipe and replaced it with ABS piping and fittings. They also cleaned two clogs in the line. Once this work was completed the line was tested and there were no leaks and the water flowed out to the drain with no issues. This was major safety concern to the facility due to the fact the rain water was dripping on the electrical panel.

The maintenance crew fabricated roof vent covers for the turbine roof exhaust fan vents. By covering these vents this will allow the heat in the build not escape out these roof vents. This will help immensely in keep heat in the building this winter.

5.0 Capital Improvement Projects (CIP)

This month's report still includes all of the CIP's that are shown as "open" in HTE and the planned budgeted CIP's for the current budget year 2015/2016 with the status to date for the project.

2014/2015 CIP Status – Remaining Follow-up

Project Number	Description	Update
EG1212	Unit 3 Turbine Repairs	Progress: Project is complete. Schedule: Project is complete.
EG1406	McKee Run HEP Pipe Repairs	Progress: Work is complete and final report has been received. Schedule: Project is complete.
EG1504	Unit#3 Boiler System Repairs	Progress: Schedule:

2015/2016 CIP Status

Project Number	Description	Update
EG1407	Metering System Upgrades	Progress: Project on Hold. Schedule: Project is on Hold until next year when RFP process will begin again. Project would be slated to be completed once Units 1 and 2 are decommissioned.
EG1408	McKee Run / Van Sant Safety & Compliance	Progress: Schedule:
EG1413	McKee Run / Van Sant Structural Preservation	Progress: Selecting equipment for spring painting work Schedule: Paint some equipment/structures once weather warms.
EG1416	VanSant Capacity Increase	Progress: Final stack emissions testing data submitted to DNREC for revised emissions limits. Schedule: Purchase system spare parts for inventory. Erect protective shelter at the water skid.
EG1504	Unit#3 Boiler System Repairs	Progress: Failed boiler water wall tube samples sent out for metallurgical analysis to Riley Power. Schedule: Expect analysis results by February 2016.
EG1505	Van Sant Station Component Replacement	Progress: Project on Hold. Schedule: Funding was moved to support other CIPs.
EG1506	McKee Run / Van Sant Safety Improvements	Progress: Updated Drawings received and final work to be completed with a balance of $18K. Schedule: Project was requested to be carried over into new FY.
EG1507	McKee Run Units #1-#2 Component Replacement	Progress: Funding removed to support other CIPs. Schedule: Once U1&U2 de-commissioned reevaluate meter work.
EG1508	McKee Run/VanSant Structural Preservation	Progress: Project on Hold, some funds were used to support transformer repair costs to preserve station reliability. Schedule: Planning on selected spring projects. Note this project has been replaced by EG1611 for FY 16-17.
EG1601	McKee Run Building Equipment Replacement	Progress: Reviewing space heater work and sealing of structure. Schedule: Fall work to preclude winter weather/temperatures.
EG1604	McKee Run Unit #3 Boiler Systems	Progress: Unit #3 Boiler Tube Repair Schedule: Initial repairs completed by Bremco, Inc.
EG1607	McKee Run Unit #3 Auxiliary Equipment Replacement	Progress: Unit #3A and #3B ID Fan Repairs Schedule: Work on both motors completed.
EG1608	McKee Run / Van Sant CEMS Upgrades	Progress: Consulting with other NAES plants and ESS to determine best equipment approach for upgrade. Schedule: TBD
EG1609	Van Sant Station Component Replacement	Progress: Replacement gas skid valves received. Schedule: Investigate need to replace fuel flow divider.
EG1610	McKee Run / Van Sant Safety Improvements	Progress: Schedule:
EG1611	McKee Run / Van Sant Structural Preservation	Progress: Some funds were used to support transformer repair cost to preserve station integrity and reliability. (T&D Department) Schedule:

Project Number	Description	Update
EG1612	Van Sant Exhaust Plenum Replacement	Progress: Work awarded to Universal Acoustics and Emissions Technology. Schedule: Materials invoice processed for payment. Expect delivery in mid-February 2016 for beginning of installation on March 1, 2016.
EG1613	McKee Run Unit #3 Boiler Stack Repairs	Progress: Inspection completed in 2012. Schedule: Develop bid package to be sent for spring 2016 work.

6.0 General Plant Information

On October 9, a celebration lunch was held for Richard Newman, Instrument Technician and Electrician for McKee Run since 1992. Staff was able to show their appreciation for Rich's years of dedication and teamwork.

We would also like to congratulate Sarah Maher, Administrative Assistant, and her new husband, Mike Best, on their wedding held on October 3. Sarah is now known as Mrs. Best, and we all wish her and her husband the best for their future.

7.0 Training

Jack Coleman with OES-NA will be on site November 3rd through the 5th for training on preparation for the PJM Generation System Operators exam. Most of the class will consist of the new operators that have been hired over the last six months. The class will go over emergency operations, system restoration, and all phases of system operator requirements. Mr. Coleman used to teach this very same class at PJM about ten years ago so he is very knowledgeable.

Topics discussed during the monthly safety committee meeting were reviewed by the entire staff. The monthly safety topic was on "Compressed Air Hose Safety", an air hose can be very useful but they can be dangerous as well, keep air hoses off the floor where it is a tripping hazard, Keep sharp items rubbing against the hose, don't pull on a hose trying to free from being caught or snagged on a piece of equipment. Make sure hoses are properly connected and seated before use.

8.0 Upcoming Events

A forecast of general event dates for the power plant projects, outages and various agency reporting dates are listed below.

Calendar of Upcoming Events	Date
NOx Ozone Season Started	May 1, 2015
PJM Winter Capacity Test Period	TBD
NOx Ozone Season Ends	October 30, 2015
Unit 11 Spring Outage Schedule	TBD (March 2016?)
Winter Capacity Period	December 1, 2015 – February 28, 2016
2015 Title V Annual Certifications Due	January 31, 2016
RGGI-COATS True Up	March 1, 2016
Water Allocation Report	January 31, 2016

IV. APPENDIX: PJM INVOICE

REPORT NAME:	Monthly Billing Statement - CSV and XML
CUSTOMER ACCOUNT:	City of Dover, Delaware
CUSTOMER CODE:	DOVDE
CUSTOMER ID:	76.000000
FINAL BILLING STATEMENT ISSUED:	11/6/2015 9:28
BILLING PERIOD START DATE:	10/1/2015
BILLING PERIOD END DATE:	10/31/2015
INVOICE NUMBER:	2015103100076.000000
INVOICE DUE DATE:	11/13/2015 12:00

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT ($)
1100.000000		Network Integration Transmission Service		449639.810000
1108.000000		Transmission Enhancement		70050.530000
1130.000000		Firm Point-to-Point Transmission Service		0.000000
1140.000000		Non-Firm Point-to-Point Transmission Service		0.000000
1200.000000		Day-ahead Spot Market Energy		426408.960000
1205.000000		Balancing Spot Market Energy		-60042.520000
1210.000000		Day-ahead Transmission Congestion		-290139.660000
1215.000000		Balancing Transmission Congestion		15026.620000
1220.000000		Day-ahead Transmission Losses		2384.120000
1225.000000		Balancing Transmission Losses		122.170000
1230.000000		Inadvertent Interchange		-62.290000
1242.000000		Day-Ahead Load Response Charge Allocation		103.820000
1243.000000		Real-Time Load Response Charge Allocation		360.250000
1250.000000		Meter Error Correction		-3966.240000

1301.000000	PJM Scheduling, System Control and Dispatch Service - Control Area Administration	9351.280000
1302.000000	PJM Scheduling, System Control and Dispatch Service - FTR Administration	42.020000
1303.000000	PJM Scheduling, System Control and Dispatch Service - Market Support	2149.250000
1304.000000	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	88.260000
1305.000000	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	936.820000
1306.000000	PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center	1308.380000
1307.000000	PJM Scheduling, System Control and Dispatch Service - Market Support Offset	-215.540000
1308.000000	PJM Scheduling, System Control and Dispatch Service Refund - Control Area Administration	-60.800000
1310.000000	PJM Scheduling, System Control and Dispatch Service Refund - Market Support	-11.400000
1311.000000	PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration	-0.930000
1312.000000	PJM Scheduling, System Control and Dispatch Service Refund - Capacity Resource/Obligation Mgmt.	-5.270000
1313.000000	PJM Settlement, Inc.	215.540000
1314.000000	Market Monitoring Unit (MMU) Funding	221.580000
1315.000000	FERC Annual Recovery	3702.940000
1316.000000	Organization of PJM States, Inc. (OPSI) Funding	38.100000
1317.000000	North American Electric Reliability Corporation (NERC)	652.180000
1318.000000	Reliability First Corporation (RFC)	1061.140000
1320.000000	Transmission Owner Scheduling, System Control and Dispatch Service	4106.400000
1330.000000	Reactive Supply and Voltage Control from Generation and Other Sources Service	36129.040000

1340.000000	Regulation and Frequency Response Service	10490.760000
1360.000000	Synchronized Reserve	8984.770000
1362.000000	Non-Synchronized Reserve	1586.900000
1365.000000	Day-ahead Scheduling Reserve	881.780000
1370.000000	Day-ahead Operating Reserve	3058.080000
1375.000000	Balancing Operating Reserve	2701.230000
1376.000000	Balancing Operating Reserve for Load Response	1.230000
1378.000000	Reactive Services	14936.470000
1380.000000	Black Start Service	3392.420000
1400.000000	Load Reconciliation for Spot Market Energy	894.570000
1410.000000	Load Reconciliation for Transmission Congestion	-315.090000
1420.000000	Load Reconciliation for Transmission Losses	14.420000
1430.000000	Load Reconciliation for Inadvertent Interchange	0.130000
1440.000000	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	4.510000
1442.000000	Load Reconciliation for Schedule 9-6 - Advanced Second Control Center	0.460000
1444.000000	Load Reconciliation for Market Monitoring Unit (MMU) Funding	0.080000
1445.000000	Load Reconciliation for FERC Annual Recovery	1.460000
1446.000000	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	0.020000
1447.000000	Load Reconciliation for North American Electric Reliability Corporation (NERC)	0.260000
1448.000000	Load Reconciliation for Reliability First Corporation (RFC)	0.420000
1450.000000	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	1.620000
1460.000000	Load Reconciliation for Regulation and Frequency Response Service	4.790000
1470.000000	Load Reconciliation for Synchronized Reserve	5.920000
1472.000000	Load Reconciliation for Non-Synchronized Reserve	0.590000
1475.000000	Load Reconciliation for Day-ahead Scheduling Reserve	-0.090000
1478.000000	Load Reconciliation for Balancing Operating Reserve	0.400000

1490.000000		Load Reconciliation for Reactive Services		0.020000
1500.000000		Financial Transmission Rights Auction		-8708.830000
1600.000000		RPM Auction		6324.930000
1610.000000		Locational Reliability		904154.060000
1932.000000		Generation Deactivation Refund		-515.950000
1250.000000	A	Meter Error Correction	9/1/2015	-7.300000
1340.000000	A	Regulation and Frequency Response Service	8/1/2015	0.340000
1360.000000	A	Synchronized Reserve	9/1/2015	30.190000
1365.000000	A	Day-ahead Scheduling Reserve	7/1/2015	16.390000
1365.000000	A	Day-ahead Scheduling Reserve	8/1/2015	-19.760000
1365.000000	A	Day-ahead Scheduling Reserve	9/1/2015	0.430000
1375.000000	A	Balancing Operating Reserve	3/1/2015	5.160000
1375.000000	A	Balancing Operating Reserve	5/1/2015	0.200000
1375.000000	A	Balancing Operating Reserve	7/1/2015	3.070000
1375.000000	A	Balancing Operating Reserve	8/1/2015	152.710000
1375.000000	A	Balancing Operating Reserve	9/1/2015	41.040000
1380.000000	A	Black Start Service	8/1/2015	205.620000
1380.000000	A	Black Start Service	9/1/2015	266.920000
1911.000000	A	Michigan - Ontario Interface Phase Angle Regulators	9/1/2015	194.900000
				1618386.81000
		Total Charges		0

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT ($)
2100.000000		Network Integration Transmission Service		0.000000
2108.000000		Transmission Enhancement		55113.410000
2130.000000		Firm Point-to-Point Transmission Service		0.000000
2140.000000		Non-Firm Point-to-Point Transmission Service		706.080000
2210.000000		Transmission Congestion		-102627.710000
2220.000000		Transmission Losses		16078.820000
2320.000000		Transmission Owner Scheduling, System Control and Dispatch Service		0.000000
2330.000000		Reactive Supply and Voltage Control from Generation and Other Sources Service		29467.580000
2340.000000		Regulation and Frequency Response Service		0.000000
2360.000000		Synchronized Reserve		0.000000
2365.000000		Day-ahead Scheduling Reserve		0.000000

2370.000000		Day-ahead Operating Reserve		950.710000
2375.000000		Balancing Operating Reserve		1444.800000
2380.000000		Black Start Service		0.000000
2420.000000		Load Reconciliation for Transmission Losses		7.570000
2510.000000		Auction Revenue Rights		76153.980000
2600.000000		RPM Auction		908470.500000
2630.000000		Capacity Transfer Rights		2192.010000
2640.000000		Incremental Capacity Transfer Rights		353.090000
2661.000000		Capacity Resource Deficiency		6614.340000
2140.000000	A	Non-Firm Point-to-Point Transmission Service	9/1/2015	15.570000
2210.000000	A	Transmission Congestion	9/1/2015	0.000000
		Total Credits		994940.750000
		Monthly Billing Net Total		623446.060000
		Previous Weekly Billing Net Total		491986.270000
		Total Due / Receivable		**$131,459.79**

End of Report

Monthly Management Committee Update

November 2015

Prepared By:
Arline Holloway
Client Services Manager
Phone: 904-360-1347
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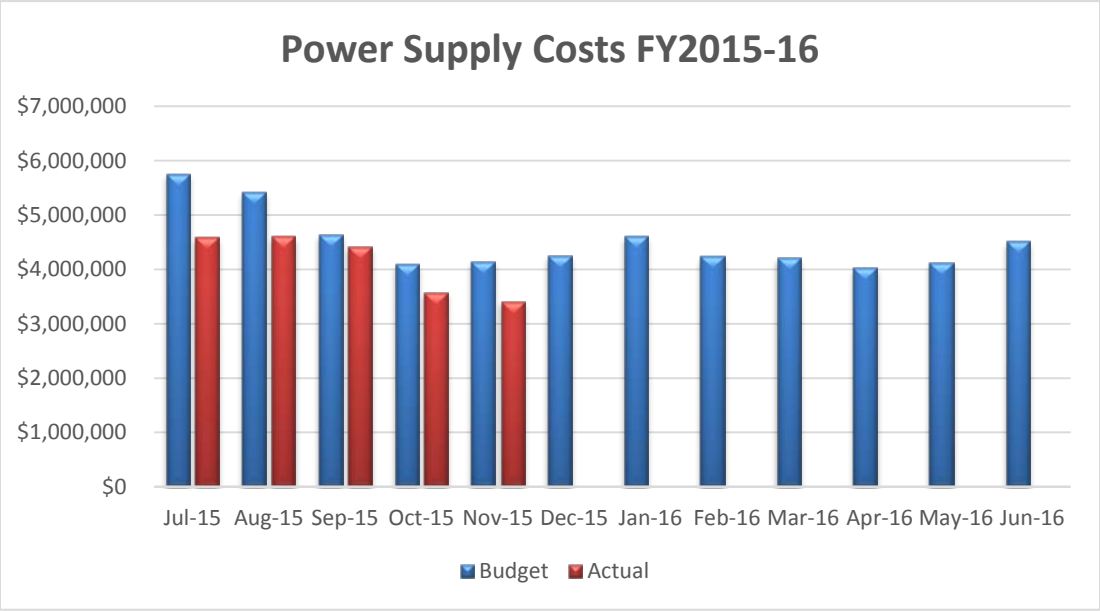
Date:
December 17, 2015

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I. EXECUTIVE SUMMARY

POWER SUPPLY SUMMARY



Overall Power Supply costs were $732,802 below budget predominantly driven by lower PJM-Energy, Congestion and Losses and lower Hedge Energy costs.

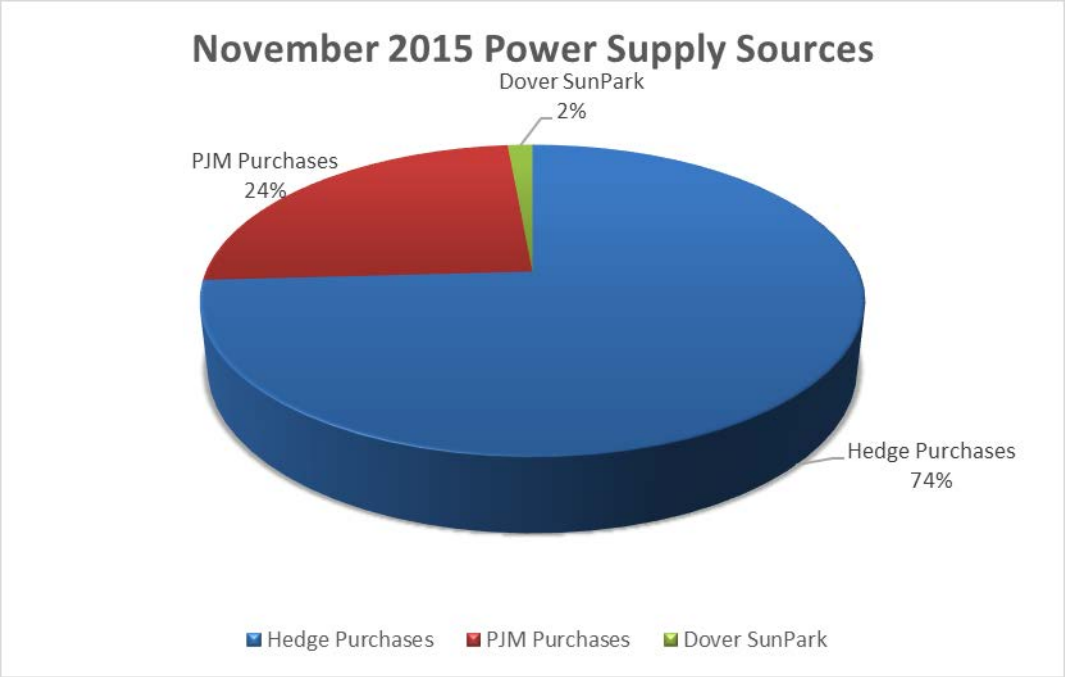
Dover's budgeted cost for all power supply (capacity AND energy) was $70.64/MWh. The actual cost of all power supply (capacity AND energy) was $62.56/MWh in a positive budget variance of $8.08.

The actual cost of energy alone was $36.10/MWh as opposed to a budgeted energy cost of $42.26.

Dover's total load was 54,678 MWh versus a forecasted load of 58,800 MWh. Hedge purchases totaled 40,530 MWh, which was 74% of the actual load. The budgeted hedge purchase totaled 44,720 MWh, which was 76% of the budgeted load.

Dover's power purchases from hedge transactions totaled $1,635,046. Purchases from PJM (energy and fees) totaled $1,569,465. This number includes Locational Reliability charge of $874,987 and DA spot market energy charges of $374,974. Dover's planned energy purchase from the SunPark solar installation was 912 MWhs. Dover's actual energy purchase from the SunPark installation was 790 MWh.

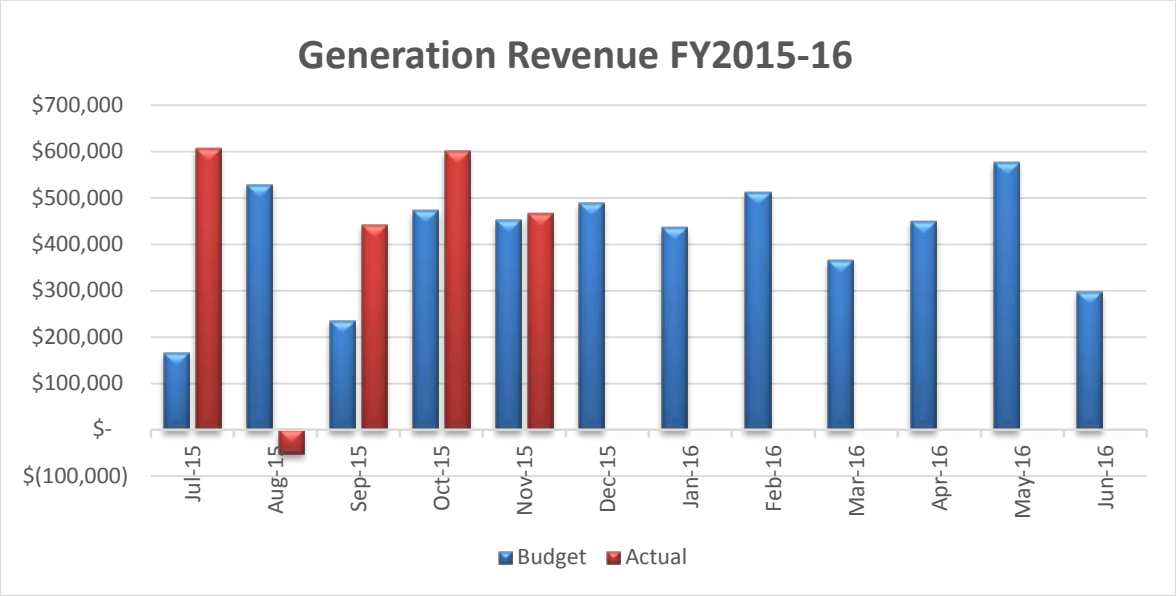
Supply Source Summary



Supply Variance

	Budget	Actual	Variance
Gross Load	58,800	54,678	4,122
Wholesale Load	57,888	54,678	3,210
Hedged Volume (MWh)	44,720	40,530	4,190
Unhedged Volume (MWh)	13,168	14,148	(980)
Dover SunPark Volume (MWh)	912	-	912
Renewable Energy Credits Volume	137	0	137
Hedged Cost ($/MWh)	$ 40.32	$ 40.34	$ (0.02)
Unhedged Energy Cost ($/MWh)	$ 42.75	$ 16.36	$ 26.39
Solar Energy Cost ($/MWh)	$ 130.15	$ -	$ 130.15
Energy Costs ($/MWh)	**$42.26**	**$36.10**	**$6.16**
All-in Costs - Energy, Capacity and RECs ($/MWh)	**$70.64**	**$62.56**	**$8.08**

GENERATION SUMMARY



Net Generation Revenue for the month of November was $466,056 versus a budget of $454,000. The favorable budget variance was attributed to Non-Production Revenue of $917,401.

Generation Breakdown

City of Dover

Monthly Wholesale Generation

November 2015

Net Generation
289.19

Production Margin

				Formula
PJM - Generation				
	Economic and Reliability Dispatch	$	88,861.28	**A**
Natural Gas & Oil Consumption				
	Purchases for Generation	$	-	
	Natural Gas Transport	$	-	
	Eastern Shore Cashout	$	-	
	Oil Consumption	$	(62,965.90)	
	Subtotal: Natural Gas & Oil Consumption	$	(62,965.90)	**B**
Gross Production Margin		$	25,895.38	**C = (A + B)**
$/MWh Generation Production Gross Margin		$	89.54	**E = (C/D)**
PJM - Capacity				
	Generation Capacity Credit	$	873,044.10	
	Reactive Supply and Transmission Losses	$	44,357.13	
	Subtotal: PJM - Capacity	$	917,401.23	**F**
All in Generation Margin				
	All in Generation Margin Total	$	943,296.61	**(G = C + F)**

EMISSIONS SUMMARY

Emissions Allowance and Solar Renewable Energy Summary through November 30, 2015

The reinstated Cross-State Air Pollution Rule (CSAPR) replaced the Clean Air Interstate Rule (CAIR) beginning January 1, 2015. The State of Delaware was included in the CAIR footprint but is not included in the CSAPR footprint. CAIR allowances cannot be used for CSAPR compliance, so Dover's CAIR allowances essentially became valueless when CSAPR was reinstated.

The separate Clean Air Act acid rain deposition control program (CAA Title IV), which governs the SO_2 national allowance trading program, remains in effect for Dover. Beginning with the January 2015 report, TEA no longer includes a CAIR summary. It will continue to report on Dover's Clean Air Act Title IV SO_2 allowances.

Market liquidity for Title IV SO_2 allowances is very low, with few transactions occurring. The following table shows estimated values for Dover's banked allowances, based on a market price assessment published by SNL Energy.

Market Value for Clean Air Act Title IV Allowances			
Commodity	***$/Ton***[1]	***Tons***	***Market Value***
SO_2 Allowances – Title IV	$0.56	15,018	$8,410
Total			**$8,410**

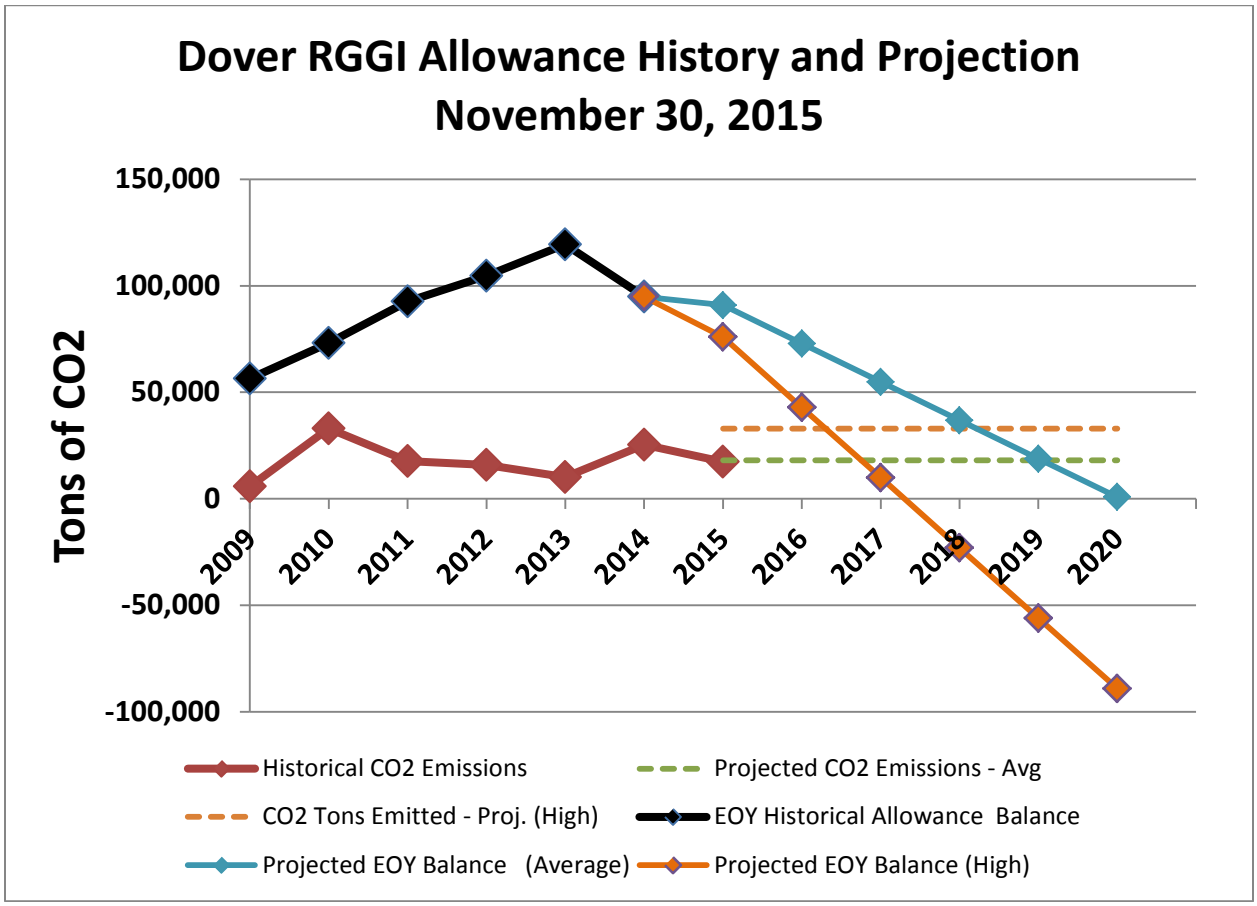
Regional Greenhouse Gas Initiative

The State of Delaware is a participant in the Regional Greenhouse Gas Initiative (RGGI). The City of Dover must comply with RGGI by surrendering carbon dioxide (CO_2) allowances pursuant to the State of Delaware's laws (Title 7, Chapter 60, Sub-Title II-A).

Dover had more than a sufficient number of RGGI allowances allocated to it to cover its requirements through the first compliance period (calendar years 2009-2011) and second compliance period (2012-2014). Any unused allowances are carried over ("banked") for subsequent years. The table below includes Dover's historical activities and includes projections through 2020. Two projections are presented: (1) future annual emissions based on the average for 2009-2014 and (2) future annual emissions based on 2010 actual CO_2 emissions, which was the highest emissions year between 2009 and 2014.

[1] October 20, 2015 Daily Power Report by SNL Energy

Dover, DE RGGI Allowance History and Forecast -November, 2015								
Compliance Year (CY)	CO2 Allowances Purchased	Allocated CO2 Allowances	CO2 Tons Emitted - Historical	EOY Historical Allowance Balance	CO2 Tons Emitted - Proj. (Avg)	CO2 Tons Emitted - Proj. (High)	Projected EOY Balance (Average)	Projected EOY Balance (High)
2009		62,184	5,796	56,388				
2010		49,747	32,971	73,164				
2011		37,311	17,763	92,712				
2012		27,983	15,957	104,738				
2013		24,818	10,213	119,343				
2014	**1,000**	N/A	25,426	94,917			94,917	94,917
2015	**14,000**	N/A	17,371	**91,546**	18,021	33,000	90,896	75,917
2016		N/A			18,021	33,000	72,875	42,917
2017		N/A			18,021	33,000	54,854	9,917
2018		N/A			18,021	33,000	36,833	-23,083
2019		N/A			18,021	33,000	18,812	-56,083
2020		N/A			18,021	33,000	791	-89,083
NOTE: 2015 Values subject to verification; 2015 emissions include 5,490 of excess emissions surrender								

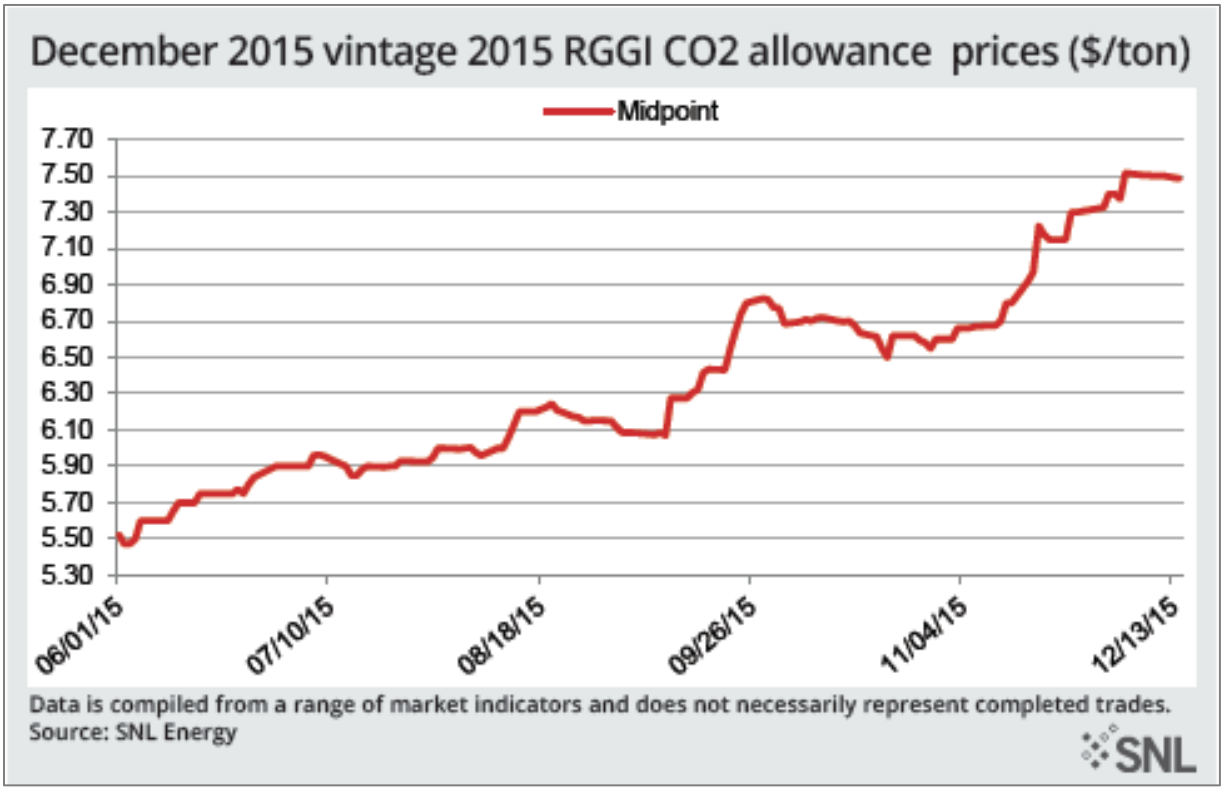


The table and chart indicate that Dover could run out of banked allowances as early as the end of 2017 under the high emissions scenario and by the end of 2020 under the average scenario. Therefore, Dover has recently initiated a program to participate in RGGI's quarterly auctions to ensure it has adequate allowances in the future.

In anticipation of needing additional RGGI allowances in the future, Dover has participated in the last four auctions and plans to continue to participate as required. The table below shows details for Dover's allowance purchases for each of these previous auctions.

Dover's RGGI Allowance Purchase History				
RGGI Auction Number	***Auction Date***	***Auction Clearing Price ($/Ton)***	***Quantity Of Allowances Awarded***	***Total Cost***
26	Dec 3, 2014	$5.21	1,000	$ 5,210
27	Mar 11, 2015	$5.41	6,000	32,460
28	June 3, 2015	$5.50	4,000	22,000
29	Sept 3, 2015	$6.02	4,000	24,080
30	Dec 2, 2015	$7.50	0	0
Totals			**15,000**	**$83,750**

Dover was unable to participate in Auction 30 due to an administrative error. Even if it had participated, the auction cleared at a significantly higher price than the highest tier bid price which was approved by Dover at last month's RMC meeting. The RGGI spot market prices increased rapidly during the last two weeks of November, as can be seen on the chart from SNL below:



The next RGGI auction will be held on March 9, 2015. The Cost Containment Reserve will be 10 Million tons with a CCR price of $8.00/ton, so may be reasonable to expect that the next auction will clear in the $7.50 to $8.25 range (assuming all CCR allowances are used). TEA will provide recommendations for Auction 31 during the February 2016 Risk Management Committee (RMC) meeting.

Based on the December 9, 2015 ICE price for the January 2016 futures price ($7.53/ton), the estimated market value of Dover's existing 91,546[2] ton RGGI allowance bank is $689,341.

On November 17, 2015 RGGI held a stakeholder meeting to prepare for the 2016 RGGI program review. Discussion topics included EPA's Clean Power Plan, potential changes to the RGGI allowance cap post 2020 and a discussion about RGGI's Flexibility Mechanisms. A Delaware specific stakeholder "listening session" was held on November 20, 2015, with a focus on EPA's Clean Power Plan and how it relates to the RGGI program. Additionally, on December 8, RGGI made a number of comments, which were filed after the November 17 meeting. The next stakeholder meeting has not yet been scheduled but is expected sometime during the spring of 2016. TEA will continue to monitor the 2016 program review as it evolves.

Renewable Energy Certificates

Dover owns two photovoltaic systems totaling 15 kW, consisting of one 5 kW unit at the Utilities Administration Building and two 5 kW units at the McKee Run generating station. Dover also receives solar energy produced by the 10 MW Dover Sun Park, which is owned by White Oak Solar Energy, LLC. In addition to all of the physical energy produced by the Sun Park, Dover receives 15% of Sun Park's Solar Renewable Energy Credits (SRECs).

Dover participates in the Delaware Municipal Electric Renewable Portfolio Standard (DMERPS) for compliance with the State of Delaware's RPS laws applicable to municipal utilities. The first compliance period under DMERPS was for the 12 months ending May 2014, and the second compliance period was for the 12 months ending May 2015.

Last month, it was reported that SRECs from the White Oak Solar Energy Center are eligible for a 10% adder because the facility was constructed using a Delaware labor force. TEA, DEMEC, and Dover staff have reconciled this increase in SRECs. PJM's GATs system does not include a mechanism to retroactively record the 10% labor bonus SRECs. Therefore, DEMEC and TEA have had to account for these bonus SRECs outside PJM's GATs.

The revision indicated that Dover over-complied in the first compliance period by 290.2 SRECs. These were used to off-set a portion of the second control period's requirement to surrender 3,435 SRECs, resulting in a net surrender for the second control period of 3,144.8 SRECs.

Through the end of generation month October 2015, Dover had accumulated a total of 6,651 SRECs from these renewable energy resources. This total includes SRECs reported in PJM's GATs account. Bonus allowances for Sun Park labor and net of 2,941 SREC transferred to DEMEC for surrender on October 3, 2014 for the first compliance period and 2,861 SRECs and 574 bonus SRECs for the second compliance period on November 9, 2015.

[2] Subject to verification from RGGI COATS account.

Delaware periodically holds SRECs auctions; however, these auctions are for size tiers N1 – N3, E1 and E2. The Dover Sun Park is in the N4 tier for large-scale facilities. State-wide carve outs for Tier 4 has been fully subscribed, so there is not a market for tier T4 SRECs in Delaware.

The nearest viable market for Dover's SRECs is Pennsylvania. Daily settlement prices from Flett Exchange Environmental Services. The most recent settlement prices for Pennsylvania SRECs are in the following table:

SREC Vintage (June 1 – May 31)	Market Clearing Price	PJM-GATS Balance Before 2014/15 Compliance	10% Bonus SRECs for Sun Park Labor[3]	Transferred to DEMEC for 2014/15 Compliance		Net SREC Balance After Transfer and Surrender	Market Value
				Bonus	*GATs*		
2011/2012	$ 0.00	0	290.2	290.2		0	$0
2012/2013	$ 0.00	2,173	215.7	215.7	2,173	0	$0
2013/2014	$10.00	2,701	268.0	68.1	688	2,212.8	22,129
2014/2015	$15.00	2,685	266.3	0	0	2,951.3	44,269
2015/2016	$15.00	1,353	134.2	0	0	1,487.2	22,308
Totals		**8,907**	**1,173.5**	**574**	**2,861**	**6,651.3**	**$88,706**

TEA continues to recommend to Dover to retain these allowances for compliance with its Renewable Portfolio Standard (RPS). Additionally, Dover will need to acquire additional SRECs resources in future years. It is apparent that Dover's portion of SRECs produced by White Oak Solar Energy Center will not be sufficient in future years as the compliance requirements increase. DEMEC has indicated that it expects to have excess SRECs available for Dover's compliance requirements. This and other alternatives will need to be evaluated in the near future.

Risk Management Summary

Forward power prices in PJM have decreased from last month, except for 2019-2020.

PY	Hedge Ratio	Blended Cost ($/MWh)	Monthly Change ($/MWh)
2015-16	75%	$42.03	($0.54)
2016-17	59%	$40.46	($0.51)
2017-18	56%	$40.05	($0.36)
2018-19	49%	$38.96	($0.23)
2019-20	32%	$36.48	$0.18

[3] Note: Retroactive Bonus Allowances were not transferred within PJM's GATs system but were used to off-set 2014/15 compliance obligation.

II. BUDGET REPORT

	Budget Nov-15	Actual Nov-15	Variance
Gross Load	**58,800**	**54,678**	**4,122**
Power Supply			
Hedged Energy	$1,803,100	$1,635,046	$168,054
PJM - Energy, Congestion & Losses	$562,900	231440.88	$331,459
PJM - ARR, Transmission and Fees	$650,000	471167.55	$178,832
Dover SUN Park Energy	$118,700	$107,183	$11,517
Dover SUN Park RECs	$25,800	$26,003	($203)
RECS (Solar and Non-Solar)	$56,100	$0	$56,100
RGGI Credit Costs	$0	$0	$0
Management Fees	$83,000	$83,000	$0
PJM - Capacity UCAP Obligated Purchased	$853,900	$866,857	($12,957)
Subtotal - Power Supply	**$4,153,500**	**$3,420,698**	**$732,802**
Power Generation O&M			
Plant O&M	$455,200	477240	($22,040)
Subtotal Generation O&M	**$455,200**	**477240**	**($22,040)**
Power Generation Production Margin			
PJM - Economic and reliability dispatch	$0	($88,861)	$88,861
Fuel Costs - Natural Gas	$0	$0	$0
Fuel Costs - Oil	$0	$62,966	($62,966)
Testing Costs	$0	$0	$0
Subtotal Generation Production Margin	**$0**	**($25,895)**	**25895.38**
Power Generation Non-Production Revenue			
PJM - Generation Capacity Credit	($879,200)	($873,044)	($6,156)
Emissions Allowance Sales	$0	$0	$0
Reactive Supply - Gas	($30,000)	($44,357)	$14,357
Subtotal - Non-Production Revenue	**($909,200)**	**($917,401)**	**$8,201**
SubTotal - All Generation	**($454,000)**	**($466,057)**	**$12,057**
Total - Utilities Cost	**$3,699,500**	**$2,954,641**	**$744,859**
Unit Costs			
Total - Power Supply	$70.64	$62.56	$8.08
Total - Power Generation	($7.72)	($8.52)	$0.80
Final Cost of Service to City of Dover Ratepayers	$62.92	$54.04	$8.88

Variance Analysis

- **Power Supply**
  - Dover consumed 4,122 MWh less than forecasted for the month.
  - Dover saw a favorable variance for budgeted Hedged Energy of $168,054.
  - Dover experienced a favorable variance for budgeted PJM - Energy, Congestion and Losses of $331,459 and a favorable variance for PJM ARR, Transmission and Fees of $178,832.
  - This resulted in a net power supply cost of $54.04/MWh, $8.88/MWh below budget.
  - The city realized a favorable variance of $732,802 for power supply vs. the monthly budget.
  - Dover Sun Park generated 122 MWhs less than forecasted.
- **Generation**
  - Non Production Revenue had a favorable variance of $8,201.
  - Net Generation Revenue had a favorable variance of $12,057.

	Budget YTD	Actual YTD	Variance
Gross Load	**330,200**	**328,761**	**1,439**
Power Supply			
Hedged Energy	$11,198,600	$10,835,104	$363,496
PJM - Energy, Congestion & Losses	$3,303,200	1228212.96	$2,074,987
PJM - ARR, Transmission and Fees	$3,382,500	2549011.26	$833,489
Dover SUN Park Energy	$903,100	$993,835	($90,735)
Dover SUN Park RECs	$176,000	$182,183	($6,183)
RECS (Solar and Non-Solar)	$280,500	$0	$280,500
RGGI Credit Costs	$43,800	$24,080	$19,720
Management Fees	$415,000	$415,000	$0
PJM - Capacity UCAP Obligated Purchased	$4,355,000	$4,404,432	($49,432)
Subtotal - Power Supply	**$24,057,700**	**$20,631,858**	**$3,425,842**
Power Generation O&M			
Plant O&M	$2,954,000	2406821	$547,179
Subtotal Generation O&M	**$2,954,000**	**2406821**	**$547,179**
Power Generation Production Margin			
PJM - Economic and reliability dispatch	($569,400)	($664,214)	$94,814
Fuel Costs - Natural Gas	$389,200	$195,592	$193,608
Fuel Costs - Oil	$0	$91,034	($91,034)
Testing Costs	$0	$0	$0
Subtotal Generation Production Margin	**($180,200)**	**($377,589)**	**197388.5807**
Power Generation Non-Production Revenue			
PJM - Generation Capacity Credit	($4,483,900)	($3,889,531)	($594,369)
Emissions Allowance Sales	$0	$0	$0
Reactive Supply - Gas	($150,000)	($308,353)	$158,353
Subtotal - Non-Production Revenue	**($4,633,900)**	**($4,197,884)**	**($436,016)**
SubTotal - All Generation	**($1,860,100)**	**($2,168,651)**	**$308,551**
Total - Utilities Cost	**$22,197,600**	**$18,463,207**	**$3,734,393**
Unit Costs			
Total - Power Supply	$72.86	$62.76	$10.10
Total - Power Generation	($5.63)	($6.60)	$0.96
Final Cost of Service to City of Dover Ratepayers	$67.22	$56.16	$11.06

III. OPERATIONS MANAGEMENT

Executive Summary

During the month of November, there were no recordable accidents or lost time accidents. The facility has gone 228 days through November 30, 2015 without an OSHA Recordable Accident and has not had a Lost Time Accident since the January 12th, 2015 incident. PJM did not dispatch Unit 1, Unit 2 or Unit 3 during the month of November. Unit 11 was dispatched twice for the month of November for a total of 7.315 hours online.

Monthly Budget Variance – The actual expenses attributable to O&M of the two sites for the month of November are $477,240 against a budgeted amount of $455,225 for an unfavorable variance of $22.015 or 4.84%. The variance was due to: a Personnel Expenses variance of $57,718 unfavorable due to 3 pay periods occurring in the month of November, only 2 were budgeted, Materials and Supplies variance was unfavorable $28,608 – due to accounting reversing the previous credit for the plant water & sewer account and plant chemicals were purchased in November originally forecast to be purchased in July and August. The Administrative Expense variance was favorable $63,771 due to timing of home office invoicing. The operator management fee and insurance costs were not included in the November expenses.

Please note the yellow highlighted numbers on the Operation Tables on pages 6 and 7 are not correct because fuel oil analysis from those runs are not due back until December 17th or 18th. An updated final monthly report will be issued once the results of those fuel oil samples are made available.

NAES Corporation
Dover, Delaware
November 2015
Monthly Report



Tyler Brown (Operator II Step I) was awarded his PJM shirt by Don Mordus (Plant Manager) for passing his PJM Certification Exam.

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1.0 Environmental, Health and Safety

During the month of November, there were no recordable accidents, lost time accidents or environmental incidents. The facility has gone 228 days through November 30, 2015 without an OSHA Recordable Accident or a Lost Time since the April 16, 2015 reportable accident.

There were two Near Misses reported in November 2015 at McKee Run. While walking by the 4160 breakers on the #3 turbine deck, a I.C & E mechanic noticed that Ansul portable fire extinguisher #37 had disconnected hoses from the main CO2 tank with no volume regulators on either side of the portable fire extinguisher. Also the tires are badly under inflated and require immediate attention. This fire extinguisher was taken out of service until it can be repaired. A second Near Miss was reported when exhaust gases entered Fire Pump Room (FPR) from damaged exhaust system while the gasoline engine was started during weekend inspections. The carbon monoxide monitor was moved to another location but an operator did not inform any supervision. A new carbon monoxide monitor was immediately installed. All employees underwent CPR/First Aid and AED training and are now complete for 2015.

During the month of November, there were no IWW discharges to the Kent County Public Works sewer system. The November Significant Industrial User (SIU) report was submitted to Kent County Public Works indicating no discharges occurred. McKee Run submitted a waiver of cyanide analysis to the Kent County Public Works division since cyanide was not detected in four (4) consecutive quarters. No response has been received by Kent County Public Works to date on a waiver determination.

During the month of November, there were no sampling events at Outfall 001, 004, 005 and 006. The November DMR was submitted to DNREC indicating no discharge from Outfall 001, 004 and 005 for this month. A visual inspection form was completed prior to a discharge of accumulated storm water from Outfall 006 and submitted to DNREC for review. No NPDES exceedances have been identified. All non-contact cooling tower blowdown water is being discharged directly to the Kent County Department of Public Works under the facilities Industrial Wastewater Discharge Permit #18.

VanSant received written confirmation from DNREC that VanSant passed the compliance evaluation during inspections on June 25th, 26th and 27th, 2015 without any conditional approvals. This indicates that VanSant was operating in compliance with the Title V permit at the time of the inspection.

McKee Run and VanSant received written confirmation from DNREC that both facilities passed the Full Compliance Audit on July 21, 2015 and the Semi Annual Compliance Certification Review without any conditional approvals. . This indicates that McKee Run and VanSant were operating in compliance with the Title V permit at the time of the inspection.

Environmental, Health and Safety Statistics			
	November	Fiscal Year to Date 7/1/2015-6/30/2016	
NOVs	0	1	
Opacity Deviations	0	1	
Environmental Deviations	0	0	
OSHA Recordable	0	0	
OSHA LTA's	0	0	
First Aid cases	0	0	
Restricted Workday Accident	0	0	
Near Miss	2	7	
Man Hours Worked	4030	21721.25	
Date of OSHA Recordable:	4/16/2015	Days since last Recordable:	228
Date of Lost Time Accident:	1/12/2015	Days since last LTA:	323

SO_2 Allowance Summary					
SO_2 Allowance Vintage	SO_2 Allowances Sold - YTD	SO_2 Allowances Available (Per Unit, Prior to Sale & Reconciliation)		Total SO_2 Tons Emitted – U3 & U11 YTD	SO_2 Allowance Balance*
		Unit #3	Unit #11		
2013 and earlier	0	10,365	690	2	11,053
2014	0	1,850	138	1	1,987
2015	0	1,850	138	11	1,978
			Total SO2 Allowance Balance:		15,018
*Note – Emissions allowances are deducted according to oldest vintage first, unless otherwise directed.					

CO2 Allowance Summary										
CO2 Allowances	Quarterly CO2 Emitted				Reporting Period Total CO2 Emitted		Total CO2 Emitted		RGGI-COATS Account Balances	
	U1	U2	U3	U11	MR	VS	MR	VS	MR	VS
2014 and before					194,244	7,799				
2015-1	0	0	2,226.8	418.4			108,126	7,340		
2015-2	0	0	1,109.3	1,176.1						
2015-3	0	0	6,229.9	424.7						
2015-4	0	0	0	296.2						
2015 TOTALS	0	0	9,566.0	2,315.40	9,566.0	2,315.40			86,000	8,000

Yellow highlighted cells are only totals through November, 2015.

2.0 Financials

Monthly and year to date financial results as compared with the approved power plant budget for the Generation Units are provided below.

November 2015			
	Actual	Budget	Variance
Personnel	$352,318	$294,600	($57,718)
Materials & Supplies	$45,668	$17,600	($28,068)
Administrative Expenses	$79,254	$143,025	$63,771
Total	**$477,240**	**$455,225**	**($22,015)**

July 2015 thru November 2015			
	Actual	Budget	Variance
Personnel	$1,237,556	$1,628,400	$390,844
Materials & Supplies	$99,863	$144,650	$44,787
Administrative Expenses	$1,069,409	$1,181,025	$111,616
Total	**$2,406,828**	**$2,954,075**	**$547,247**

2.1 Variance Analysis:

The actual expenses for the month of November are $477,240 against a budgeted amount of $455,225 for an unfavorable variance of $22,015 or 4.84%. The variance was due to the following:

- **Personnel Expenses:** An unfavorable monthly variance of $57,718 was due to (3) payroll periods being expensed vs. the (2) that were budgeted. This had been a carryover from the previous month. Note that a portion of this was offset by not having a full complement of employees for this time period. As a result, this impacted three (3) labor accounts – Straight Time, Overtime, and Labor Burdens.
- **Materials and Supplies Expenses:** An unfavorable monthly variance of $28,608 was due to reversal of a credit in the water – sewer account and purchase of bulk chemicals that was previously budgeted in July and August.
- **Administrative Expenses:** A favorable monthly variance of $63,771 was due primarily to the timing of home office consolidated invoices being processed for payment. The operator management fee and insurance costs were not included in November expenses.

3.0 Operations

Unit Operations / Outages / Trips: Unit 11 was dispatched by PJM on November 23rd at 2100 due to a constraint on the Milford-Steele line the unit was cost-capped. The Unit tripped the first time on high vibration and on the second start on operator error. The unit ran for 2.199 hours. Unit 11 was dispatched by PJM on November 24th at 0428 due to a constraint on the Milford-Steele line the unit was cost-capped. The unit ran for 5.116 hours. Units 1, 2, and 3 were not dispatch in the month of November.

Month of November 2015							
		McKee Unit 1	McKee Unit 2	McKee Unit 3	MRGS TOTAL	VanSant Unit 11	Total ALL Units
Capacity:	(MW)	17	17	102	136	39	175.00
On Line Hours:	(HRS)	0	0	0	0	7.315	7.315
Starts:	(#)	0	0	0	0	2	2
Gross Generation:	(MWh)	0	0	0	0	289.382	289.382
Net Generation:	(MWh)	0	0	0	0	276.589	276.589
Total Auxiliaries:	(MWh)	0	0	0	0	2.755	2.755
Auxiliaries purchased:	(MWh)	27.408	27.408	221.773	276.589	2.503	279.092
Fuel Gas Used:	(MMBTU)	0	0	0	0	0	0
Fuel Oil Used:	(MMBTU)	0	0	0	0	0	0
Fuel Oil Used:	(Gallons)	0	0	0	0	26,794	26,794
Total Fuel:	(MMBTU)	0	0	0	0	0	0
Net Heat Rate:	(BTU/KWh)	0	0	0	0	13.183	13.183
Unit Trips:	(#)	0	0	0	0	2	2
Capacity Factor:	(%)	0.00%	0.00%	0.00%	0.00%	1.01%	0.23%
Availability Factor:	(%)	100%	100%	100%	100%	100%	100.00%
Commercial Unavailability :	(%)	0.0	0.0	0.0	0.0	0.0	0.0
Planned Outage Hours	(HRS)	358.000	358.000	344.000	1,060.000	0.0	1,060.000
Maintenance Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Forced Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Equivalent Derate Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Reserve Shutdown Hours:	(HRS)	719	719	719	2,157	711.685	2,868.685
HW Boiler Gas Usage:	(MMBTU)				754.664		754.664

2015-2016 Fiscal Year - July 2015 thru November 2015							
		McKee Unit 1	McKee Unit 2	McKee Unit 3	MRGS TOTAL	VanSant Unit 11	Total ALL Units
Capacity:	(MW)	17	17	102	136	39	175.00
On Line Hours:	(HRS)	7.233	10.166	216.731	234.13	21.664	255.794
Starts:	(#)	1	3	21	25	6	31
Gross Generation:	(MWh)	81.874	96.694	8,868.27	9,046.83	838.367	9,885.20
Net Generation:	(MWh)	79.759	92.259	7983.59	8155.608	837.642	8,993.25
Total Auxiliaries:	(MWh)	136.880	139.200	2,010.223	2,286.303	9.571	2,295.874
Auxiliaries purchased:	(MWh)	134.762	134.762	1,129.644	1,399.168	8.945	1,408.113
Fuel Gas Used:	(MMBTU)	958.55	2059.93	97372.19	100390.7	7118.801	107509.47
Fuel Oil Used:	(MMBTU)	0.00	0.00	7162.129	7162.129	0	7162.13
Fuel Oil Used:	(Gallons)	0.00	0.00	51,181.00	51,181.00	26,794	77,975
Total Fuel:	(MMBTU)	958.55	2059.93	104534.5	107553	7118.801	114671.76
Net Heat Rate:	(BTU/KWh)	12.02	22.33	12.705	15.683	13.183	14.433
Unit Trips:	(#)	0	0	0	0	2	2
Capacity Factor:	(%)	0.13	0.15	2.13	1.63	.59	1.40
Availability Factor:	(%)	90.25	90.25	89.10	89.87	100.0	92.40
Commercial Unavailability :	(%)	0.0	0.0	97.66	97.99	0.0	98.99
Planned Outage Hours	(HRS)	358.000	358.000	344.000	1,060.000	0.0	1,060.000
Maintenance Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Forced Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Equivalent Derate Hours:	(HRS)	0.00	0.00	55.15	32.14	0	32.14
Reserve Shutdown Hours:	(HRS)	3,305.770	3,302.834	3,045.269	9,653.873	3,649.336	13,303.209
HW Boiler Gas Usage:	(MMBTU)				754.664		754.664

Fuel Oil Inventory (#2 Fuel Oil)							
	Monthly Starting Inventory	Monthly Ending Inventory	Fuel Monthly Purchase	Monthly Inventory Change	FY15-16 Starting Inventory	Fuel Purchase FYTD	FY15-16 Inventory Change
McKee Run	828,375	825,731	0	(2,644)	739,369	126,038	86,362
Van Sant	222,992	223,666	28,053	674	180,770	73,024	42,896

Van Sant Lifetime through November 2015			
	Actual Starts	**Factored Starts**	**Fired Hours**
Van Sant	1,412	2400.25	4411.20
Since HGP–2004	277	732.55	1027.62

3.1 Team Report:

The Operations staff completed their CBT training through OES-NA. The training earns the operator CEH credits for every online course they complete and have to take a final test with a passing grade of 70% or higher. The courses range from transmission to generation training to some of NERC regulations. The training is up to a year and if all courses are completed you can earn up to 60 CEH credits.

Operations personnel continue to support maintenance by working on Preventative Maintenance (PM) work orders and other work orders that they have the skills to successfully complete the task. The Operations Department continues to utilize the Day Shift Workers in both the Operations and Maintenance areas to assist with maintenance of the plant.

4.0 Maintenance

During the month of November, the Plant Maintenance staff continued addressing the backlog of work orders and the preventative and new work orders received during the month. Back logged Work Orders are work orders that have been open for greater than thirty days. There were 44 new work orders issued with 48 work orders being completed, and 31 of the back logged work orders completed during the month. There were 5 new Safety Work Orders entered into the plant's Computerized Maintenance Management System (MP2) during the month of which 3 were completed. The table below summarizes the monthly work order activities based on MP2 records and will continue to improve with time. This table gives a representation of identified outstanding work; Preventative Maintenance tasks completion and remaining corrective work orders and back logged work orders that require attention.

City of Dover – McKee Run Work Order Statistics									
	WO Type	Starting backlog	Recv'd WO	Total WO	Comp WO	Comp Rcvd	Total Comp	Ending Bcklog	OPEN WO's
McKee Run	ADM	20	1	21	1	1	2	19	19
	CM	43	12	55	9	5	14	34	41
	EW	5	0	5	0	0	0	5	5
	PM	23	23	46	6	21	27	17	19
	SW	2	4	6	1	4	5	1	1
Site Totals		**93**	**40**	**133**	**17**	**31**	**48**	**76**	**85**

City of Dover – Van Sant Work Order Statistics									
	WO Type	Starting backlog	Recv'd WO	Total WO	Comp WO	Comp Rcvd	Total Comp	Ending Bcklog	OPEN WO's
Van Sant	ADM	3	0	3	0	0	0	3	3
	CM	4	0	4	2	0	2	2	2
	PM	1	3	4	0	3	3	1	1
	SW	0	1	1	0	0	0	0	1
Site Totals		**8**	**4**	**12**	**2**	**3**	**5**	**6**	**7**

Notable activities during the month include:

The Maintenance and IC&E staff completed an extensive winterization upgrade to the McKee Run Power Plant facility. This included sealing up outside louvers that were no longer in service. They sealed up pipe penetrations coming from the outside walls. Cover were fabricated and installed to cover the opening of the exhaust fan on the roof. All of the space heaters were checked for proper operation and repaired if needed. New heaters were installed on the drum level on Units 1 & 2 boilers. The winterization upgrade will ensure that the plant will stay warm during the cold winter months.

The Maintenance and IC&E staff installed two new upgraded acid pumps in the DI at VanSant. The old pump were not preforming as they should have been. This was causing delays in the regeneration process which could cause a risk in generation. These pumps were installed to make the DI system a more reliable system.

A safety walk around was completed by the compliance coordinator after a rain event. It was noticed that the wooden outfall steps were very slippery. A work order was issued to install some type of material that would have a gripping type surface on the steps to prevent a slipping hazard. The Maintenance staff installed an FRP material on the steps that has a non-skid surface fabricated into the material. The steps are now safe to walk down during and after rain events.

The IC&E staff install the Christmas on the stack of Unit 3. This is a tradition of the facility and has been for many years. The community appreciates that we install the Christmas every year. We received several comments on the Christmas lights every year for the surrounding neighbors of the plant and citizens of the City of Dover.

5.0 Capital Improvement Projects (CIP)

This month's report for CIP project planned and budgeted for the current budget year 2015/2016 with the status to date for the project.

2015/2016 CIP Status

Project Number	Description	Update
EG1407	Metering System Upgrades	Progress: Project on Hold. Schedule: Project is on Hold until next year when RFP process will begin again. Project would be slated to be completed once Units 1 and 2 are decommissioned.
EG1408	McKee Run / Van Sant Safety & Compliance	Progress: Schedule:
EG1413	McKee Run / Van Sant Structural Preservation	Progress: Selecting equipment for spring painting work Schedule: Paint some equipment/structures once weather warms.
EG1416	VanSant Capacity Increase	Progress: Contract / PO Issued for water skid protective shelter. Schedule: Purchase system spare parts for inventory. Erect protective shelter at the water skid.
EG1504	Unit#3 Boiler System Repairs	Progress: Failed boiler water wall tube samples sent out for metallurgical analysis to Riley Power. Schedule: Expect analysis results by February 2016. Boiler safety valve inspections completed. Need AVK testing on Unit #3 valves.
EG1505	Van Sant Station Component Replacement	Progress: Project on Hold. Schedule: Funding was moved to support other CIPs.
EG1506	McKee Run / Van Sant Safety Improvements	Progress: Updated Drawings received and final work to be completed with a balance of $18K. Schedule: Project was requested to be carried over into new FY.
EG1507	McKee Run Units #1-#2 Component Replacement	Progress: Funding removed to support other CIPs. Schedule: Once U1&U2 de-commissioned reevaluate meter work.
EG1508	McKee Run/VanSant Structural Preservation	Progress: Project on Hold, some funds were used to support transformer repair costs to preserve station reliability. Schedule: Planning on selected spring projects. Note this project has been replaced by EG1611 for FY 16-17.
EG1601	McKee Run Building Equipment Replacement	Progress: Reviewing space heater work and sealing of structure. Schedule: Fall work to preclude winter weather/temperatures. Summit Mechanical work in progress for hot water lines to new heaters.
EG1604	McKee Run Unit #3 Boiler Systems	Progress: These funds have been moved to EG1504 as this is a multi-year on-going project. Schedule:
EG1607	McKee Run Unit #3 Auxiliary Equipment Replacement	Progress: Unit #3A and #3B ID Fan Repairs Schedule: Work on both motors completed.
EG1608	McKee Run / Van Sant CEMS Upgrades	Progress: Consulting with other NAES plants and ESS to determine best equipment approach for upgrade. Schedule: TBD
EG1609	Van Sant Station Component Replacement	Progress: Replacement gas skid valves received. Schedule: Investigate need to replace fuel flow divider.
EG1610	McKee Run / Van Sant Safety Improvements	Progress: PO issued for front lobby entrance modifications. Schedule: Work to begin in the next few weeks with final completion date by February 1, 2016.
EG1611	McKee Run / Van Sant Structural Preservation	Progress: Some funds were used to support transformer repair cost to preserve station integrity and reliability. (T&D Department) Schedule:
EG1612	Van Sant Exhaust Plenum Replacement	Progress: Work awarded to Universal Acoustics and Emissions Technology. Schedule: Materials invoice processed for payment. Expect delivery in mid-February 2016 for beginning of installation on March 1, 2016.
EG1613	McKee Run Unit #3 Boiler Stack Repairs	Progress: Inspection completed in 2012. Schedule: Develop bid package to be sent for spring 2016 work.

6.0 General Plant Information

On November 17, 2015, Tyler Brown, Operator, passed his PJM examination. Tyler came to work with us in March and has since become a dependable and trusted employee in that short time. We applaud his hard work and determination in completing this challenge.

Plant employees began their Annual Food Drive for the local Food Bank. Our goal is to collect at least 150 lbs. of food, to best last year's donations of 135 lbs. Our drive will continue through December 11, at which time all donations will be turned over to the Food Bank.

Interviews are ongoing for a Plant Engineer and an IC&E Technician for our staff.

7.0 Training

Jack Coleman with OES-NA was on site November 3rd through the 5th for training on preparation for the PJM Generation System Operators exam. The class was made up of two supervisors, four operators, and plant manager. The class will go over emergency operations, system restoration, and all phases of system operator requirements to prepare the operators to take the PJM Generation exam.

Topics discussed during the monthly safety committee meeting were reviewed by the entire staff. The monthly safety topic was on "12 Safety Tips to Keep Your Holiday Safe", No one plans for fires or injuries when planning for the holidays, but ignorance of safety standards and carelessness can lead to severe damage to the home or trips to the emergency room.

8.0 Upcoming Events

A forecast of general event dates for the power plant projects, outages and various agency reporting dates are listed below.

Calendar of Upcoming Events	Date
Winter Capacity Period	December 1, 2015 – February 28, 2016
2015 Title V Annual Certifications Due	January 31, 2016
Water Allocation Report	January 31, 2016
RGGI-COATS True Up	March 1, 2016
Unit 11 Spring Outage Schedule	March 1, 2016
NOx Ozone Season Started	May 1, 2016
NOx Ozone Season Ends	October 30, 2016

IV. APPENDIX: PJM INVOICE

REPORT NAME:	Monthly Billing Statement - CSV and XML
CUSTOMER ACCOUNT:	City of Dover, Delaware
CUSTOMER CODE:	DOVDE
CUSTOMER ID:	76.000000
FINAL BILLING STATEMENT ISSUED:	12/7/2015 9:21
BILLING PERIOD START DATE:	11/1/2015
BILLING PERIOD END DATE:	11/30/2015
INVOICE NUMBER:	2015113000076.000000
INVOICE DUE DATE:	12/11/2015 12:00

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT ($)
1100.000000		Network Integration Transmission Service		435135.300000
1108.000000		Transmission Enhancement		70050.530000
1130.000000		Firm Point-to-Point Transmission Service		0.000000
1140.000000		Non-Firm Point-to-Point Transmission Service		0.000000
1200.000000		Day-ahead Spot Market Energy		374974.400000
1205.000000		Balancing Spot Market Energy		-11380.990000
1210.000000		Day-ahead Transmission Congestion		-153257.650000
1215.000000		Balancing Transmission Congestion		-50982.860000
1220.000000		Day-ahead Transmission Losses		19916.490000
1225.000000		Balancing Transmission Losses		32.630000
1230.000000		Inadvertent Interchange		107.440000

1242.000000	Day-Ahead Load Response Charge Allocation	79.380000
1243.000000	Real-Time Load Response Charge Allocation	216.110000
1250.000000	Meter Error Correction	-3014.610000
1301.000000	PJM Scheduling, System Control and Dispatch Service - Control Area Administration	9293.610000
1302.000000	PJM Scheduling, System Control and Dispatch Service - FTR Administration	2.200000
1303.000000	PJM Scheduling, System Control and Dispatch Service - Market Support	2145.490000
1304.000000	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	88.030000
1305.000000	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	906.600000
1306.000000	PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center	1205.730000
1307.000000	PJM Scheduling, System Control and Dispatch Service - Market Support Offset	-215.340000
1308.000000	PJM Scheduling, System Control and Dispatch Service Refund - Control Area Administration	-60.410000
1310.000000	PJM Scheduling, System Control and Dispatch Service Refund - Market Support	-11.370000
1311.000000	PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration	-0.900000

1312.000000	PJM Scheduling, System Control and Dispatch Service Refund - Capacity Resource/Obligation Mgmt.	-5.100000
1313.000000	PJM Settlement, Inc.	215.340000
1314.000000	Market Monitoring Unit (MMU) Funding	221.270000
1315.000000	FERC Annual Recovery	3680.080000
1316.000000	Organization of PJM States, Inc. (OPSI) Funding	37.900000
1317.000000	North American Electric Reliability Corporation (NERC)	648.160000
1318.000000	Reliability First Corporation (RFC)	1054.600000
1320.000000	Transmission Owner Scheduling, System Control and Dispatch Service	4081.070000
1330.000000	Reactive Supply and Voltage Control from Generation and Other Sources Service	42343.240000
1340.000000	Regulation and Frequency Response Service	9825.760000
1360.000000	Synchronized Reserve	3825.180000
1362.000000	Non-Synchronized Reserve	911.320000
1365.000000	Day-ahead Scheduling Reserve	700.720000
1370.000000	Day-ahead Operating Reserve	3854.570000
1375.000000	Balancing Operating Reserve	1313.080000
1376.000000	Balancing Operating Reserve for Load Response	4.320000
1377.000000	Synchronous Condensing	16.860000
1378.000000	Reactive Services	4144.690000
1380.000000	Black Start Service	3395.460000
1400.000000	Load Reconciliation for Spot Market Energy	-17790.450000
1410.000000	Load Reconciliation for Transmission Congestion	-4693.050000
1420.000000	Load Reconciliation for Transmission Losses	-1244.430000
1430.000000	Load Reconciliation for Inadvertent Interchange	-4.140000

1440.000000		Load Reconciliation for PJM Scheduling, System Control and Dispatch Service		47.090000
1442.000000		Load Reconciliation for Schedule 9-6 - Advanced Second Control Center		5.400000
1444.000000		Load Reconciliation for Market Monitoring Unit (MMU) Funding		0.910000
1445.000000		Load Reconciliation for FERC Annual Recovery		15.280000
1446.000000		Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding		0.160000
1447.000000		Load Reconciliation for North American Electric Reliability Corporation (NERC)		2.690000
1448.000000		Load Reconciliation for Reliability First Corporation (RFC)		4.380000
1450.000000		Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service		16.940000
1460.000000		Load Reconciliation for Regulation and Frequency Response Service		-74.140000
1470.000000		Load Reconciliation for Synchronized Reserve		-69.330000
1472.000000		Load Reconciliation for Non-Synchronized Reserve		-10.370000
1475.000000		Load Reconciliation for Day-ahead Scheduling Reserve		-804.560000
1478.000000		Load Reconciliation for Balancing Operating Reserve		35.540000
1490.000000		Load Reconciliation for Reactive Services		151.950000
1600.000000		RPM Auction		6120.900000
1610.000000		Locational Reliability		874987.800000
1932.000000		Generation Deactivation Refund		-502.010000
1995.000000		PJM Annual Membership Fee		5000.000000
1242.000000	A	Day-Ahead Load Response Charge Allocation	10/1/2015	-0.010000

1243.000000	A	Real-Time Load Response Charge Allocation	10/1/2015	-0.010000
1250.000000	A	Meter Error Correction	10/1/2015	-83.350000
1360.000000	A	Synchronized Reserve	9/1/2015	-0.110000
1360.000000	A	Synchronized Reserve	10/1/2015	-0.060000
1365.000000	A	Day-ahead Scheduling Reserve	9/1/2015	-3094.990000
1365.000000	A	Day-ahead Scheduling Reserve	10/1/2015	0.050000
1370.000000	A	Day-ahead Operating Reserve	7/1/2015	125.300000
1375.000000	A	Balancing Operating Reserve	7/1/2015	-0.560000
1375.000000	A	Balancing Operating Reserve	8/1/2015	0.320000
1375.000000	A	Balancing Operating Reserve	9/1/2015	306.190000
1375.000000	A	Balancing Operating Reserve	10/1/2015	-33.810000
1376.000000	A	Balancing Operating Reserve for Load Response	10/1/2015	-0.010000
1378.000000	A	Reactive Services	9/1/2015	-33.820000
1378.000000	A	Reactive Services	10/1/2015	-260.800000
1911.000000	A	Michigan - Ontario Interface Phase Angle Regulators	10/1/2015	183.860000
		Total Charges		1633803.080000

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT ($)
2100.000000		Network Integration Transmission Service		0.000000
2108.000000		Transmission Enhancement		55113.410000
2130.000000		Firm Point-to-Point Transmission Service		0.000000
2140.000000		Non-Firm Point-to-Point Transmission Service		689.930000
2210.000000		Transmission Congestion		0.000000
2220.000000		Transmission Losses		14888.110000
2320.000000		Transmission Owner Scheduling, System Control and Dispatch Service		0.000000
2330.000000		Reactive Supply and Voltage Control from Generation and Other Sources Service		29467.580000

2340.000000		Regulation and Frequency Response Service		0.000000
2360.000000		Synchronized Reserve		0.000000
2365.000000		Day-ahead Scheduling Reserve		0.000000
2370.000000		Day-ahead Operating Reserve		0.000000
2375.000000		Balancing Operating Reserve		9651.370000
2380.000000		Black Start Service		0.000000
2420.000000		Load Reconciliation for Transmission Losses		74.820000
2510.000000		Auction Revenue Rights		73697.400000
2600.000000		RPM Auction		879165.000000
2630.000000		Capacity Transfer Rights		2121.300000
2640.000000		Incremental Capacity Transfer Rights		341.700000
2661.000000		Capacity Resource Deficiency		5667.740000
2140.000000	A	Non-Firm Point-to-Point Transmission Service	10/1/2015	49.900000
2210.000000	A	Transmission Congestion	10/1/2015	0.000000
2220.000000	A	Transmission Losses	7/1/2015	1.440000
2375.000000	A	Balancing Operating Reserve	9/1/2015	-88.000000
2375.000000	A	Balancing Operating Reserve	10/1/2015	-241.600000
		Total Credits		1070600.100000
		Monthly Billing Net Total		563202.980000
		Previous Weekly Billing Net Total		396994.530000
		Total Due / Receivable		**166208.45**

Monthly Management Committee Update

December 2015

Prepared By:
Arline Holloway
Client Services Manager
Phone: 904-360-1347
Email: aholloway@teainc.org

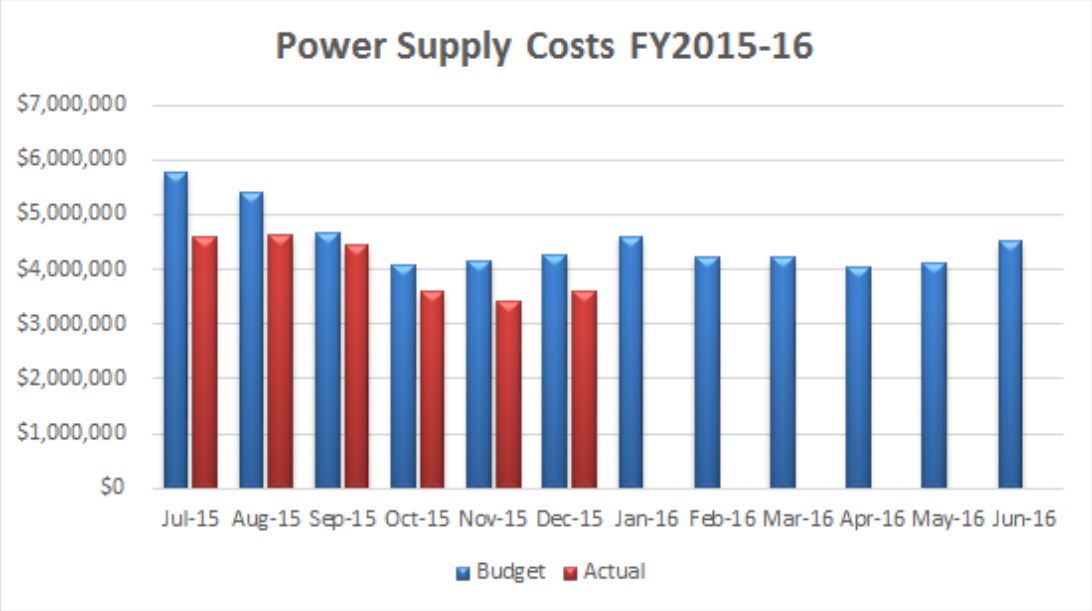
Date:
January 28, 2016

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I. EXECUTIVE SUMMARY

POWER SUPPLY SUMMARY



Overall Power Supply costs were $658,115 below budget predominantly driven by lower PJM-Energy, Congestion and Losses and lower Hedge Energy costs.

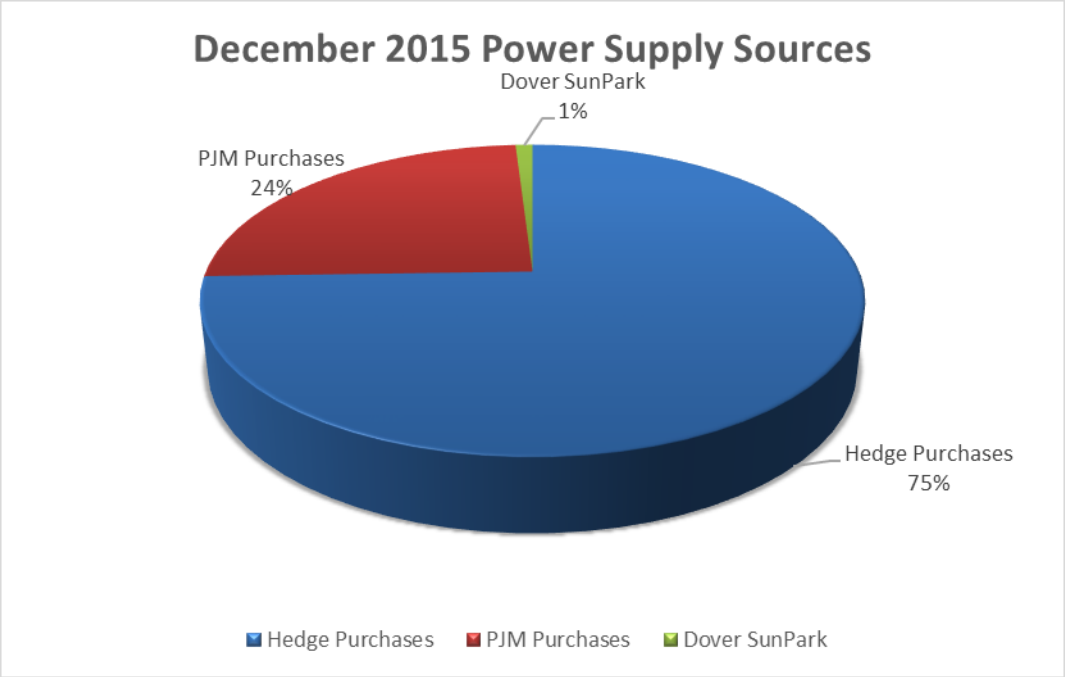
Dover's budgeted cost for all power supply (capacity AND energy) was $73.74/MWh. The actual cost of all power supply (capacity AND energy) was $63.75/MWh.

The actual cost of energy alone was $37.66/MWh as opposed to a budgeted energy cost of $43.75.

Dover's total load was 56,530 MWh versus a forecasted load of 57,800 MWh. Hedge purchases totaled 42,128 MWh, which was 75% of the actual load. The budgeted hedge purchase totaled 45,976 MWh, which was 80% of the budgeted load.

Dover's power purchases from hedge transactions totaled $1,721,267. Purchases from PJM (energy and fees) totaled $1,709,161. This number includes Locational Reliability charge of $904,154 and DA spot market energy charges of $357,636.72. Dover's planned energy purchase from the SunPark solar installation was 804 MWhs. Dover's actual energy purchase from the SunPark installation was 556 MWh.

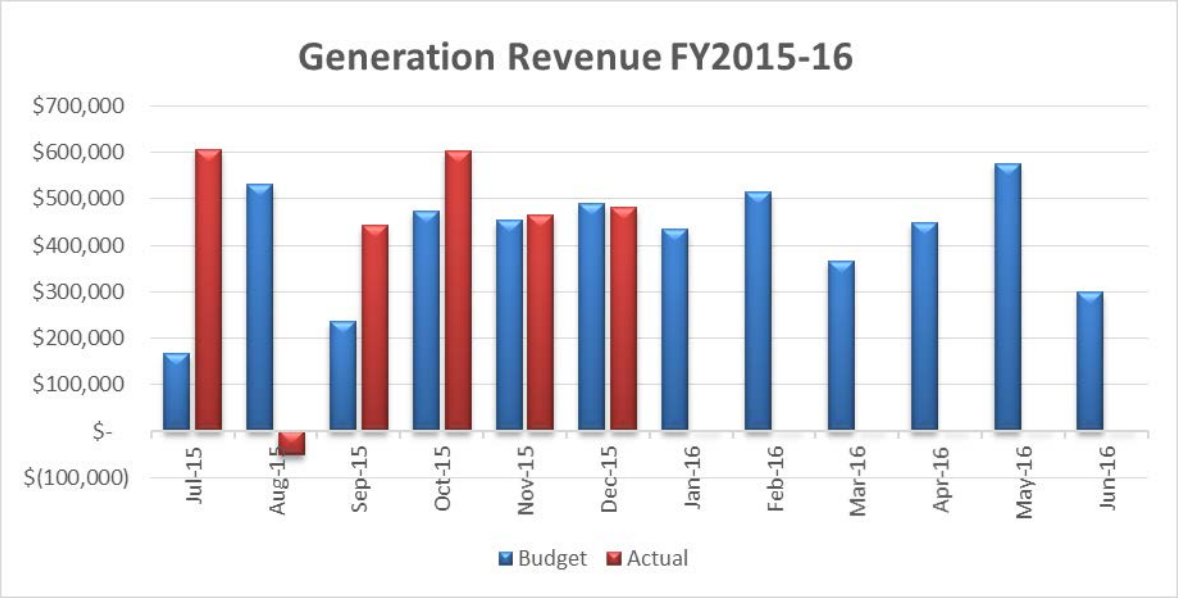
Supply Source Summary



Supply Variance

Purchased Power Variance Report:	December		
	Budget	Actual	Variance
Gross Load	57,800	56,530	1,270
Wholesale Load	56,996	55,974	1,022
Hedged Volume (MWh)	45,976	42,128	3,848
Unhedged Volume (MWh)	11,020	13,846	(2,826)
Dover SunPark Volume (MWh)	804	556	248
Renewable Energy Credits Volume	121	120	1
Hedged Cost ($/MWh)	$ 40.78	$ 40.86	$ (0.08)
Unhedged Energy Cost ($/MWh)	$49.84	$24.06	$25.78
Solar Energy Cost ($/MWh)	$130.22	$134.20	($3.98)
Energy Costs ($/MWh)	**$43.75**	**$37.66**	**$6.09**
All-in Costs - Energy, Capacity and RECs ($/MWh)	**$73.74**	**$63.75**	**$9.99**

GENERATION SUMMARY



Net Generation Revenue for the month of November was $480,618 versus a budget of $489,700.

Generation Breakdown

City of Dover

Monthly Wholesale Generation

December 2015

Net Generation
185.54

Production Margin

				Formula
PJM - Generation				
	Economic and Reliability Dispatch	$	18,212.62	A
Natural Gas & Oil Consumption				
	Purchases for Generation	$	-	
	Natural Gas Transport	$	-	
	Eastern Shore Cashout	$	-	
	Oil Consumption	$	(19,510.82)	
	Subtotal: Natural Gas & Oil Consumption	$	(19,510.82)	B
Gross Production Margin		$	(1,298.20)	C = (A + B)
$/MWh Generation Production Gross Margin		$	(7.00)	E = (C/D)
PJM - Capacity				
	Generation Capacity Credit	$	902,145.57	
	Reactive Supply and Transmission Losses	$	43,549.46	
	Subtotal: PJM - Capacity	$	945,695.03	F
All in Generation Margin				
	All in Generation Margin Total	$	944,396.83	(G = C + F)

EMISSIONS SUMMARY

Emissions Allowance and Solar Renewable Energy Summary through December 31, 2015

The reinstated Cross-State Air Pollution Rule (CSAPR) replaced the Clean Air Interstate Rule (CAIR) beginning January 1, 2015. The State of Delaware was included in the CAIR footprint but is not included in the CSAPR footprint. CAIR allowances cannot be used for CSAPR compliance, so Dover's CAIR allowances essentially became valueless when CSAPR was reinstated. EPA has recently updated the National Ambient Air Quality Standard for Ozone, which will expand Ozone non-Attainment areas and may result in more restrictive CSAPR standards. Based on a cursory review, it does not appear the CSAPR footprint will be expanded to include Delaware.

The separate Clean Air Act acid rain deposition control program (CAA Title IV), which governs SO_2 national allowance trading program, remains in effect for Dover. Beginning with the January 2015 report, TEA no longer includes a CAIR summary. It will continue to report on Dover's Clean Air Act Title IV SO_2 allowances.

Market liquidity for Title IV SO_2 allowances is very low, with few transactions occurring. The following table shows estimated values for Dover's banked allowances, based on a market price assessment published by SNL Energy.

Market Value for Clean Air Act Title IV Allowances			
Commodity	***$/Ton***[1]	***Tons***	***Market Value***
SO_2 Allowances – Title IV	$0.56	15,006	$8,403
Total			**$8,403**

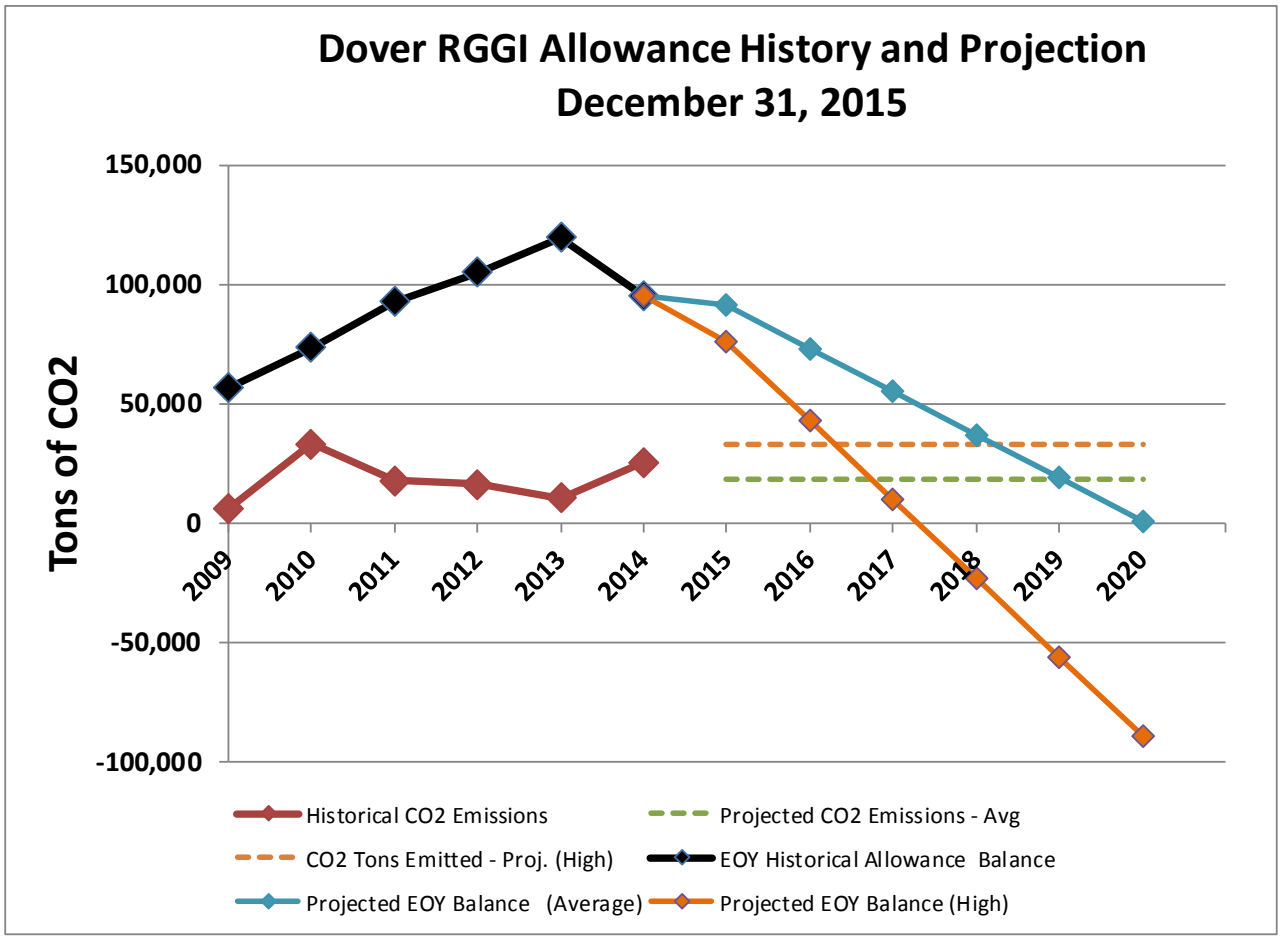
Regional Greenhouse Gas Initiative

The State of Delaware is a participant in the Regional Greenhouse Gas Initiative (RGGI). The City of Dover must comply with RGGI by surrendering carbon dioxide (CO_2) allowances pursuant to the State of Delaware's laws (Title 7, Chapter 60, Sub-Title II-A).

Dover had more than a sufficient number of RGGI allowances allocated to it to cover its requirements through the first compliance period (calendar years 2009-2011) and second compliance period (2012-2014). Any unused allowances are carried over ("banked") for subsequent years. The table below includes Dover's historical activities and includes projections through 2020. Two projections are presented: (1) future annual emissions based on the average for 2009-2014, and (2) future annual emissions based on 2010 actual CO2 emissions, which was the highest emissions year between 2009 and 2014.

[1] October 20, 2015 Daily Power Report by SNL Energy

Dover, DE RGGI Allowance History and Forecast -December, 2015								
Compliance Year (CY)	CO2 Allowances Purchased	Allocated CO2 Allowances	CO2 Tons Emitted - Historical	EOY Historical Allowance Balance	CO2 Tons Emitted - Proj. (Avg)	CO2 Tons Emitted - Proj. (High)	Projected EOY Balance (Average)	Projected EOY Balance (High)
2009		62,184	5,796	56,388				
2010		49,747	32,971	73,164				
2011		37,311	17,763	92,712				
2012		27,983	15,957	104,738				
2013		24,818	10,213	119,343				
2014	**1,000**	N/A	25,426	94,917			94,917	94,917
2015	**14,000**	N/A	11,989	**94,000**	18,021	33,000	90,896	75,917
2016		N/A			18,021	33,000	72,875	42,917
2017		N/A			18,021	33,000	54,854	9,917
2018		N/A			18,021	33,000	36,833	-23,083
2019		N/A			18,021	33,000	18,812	-56,083
2020		N/A			18,021	33,000	791	-89,083

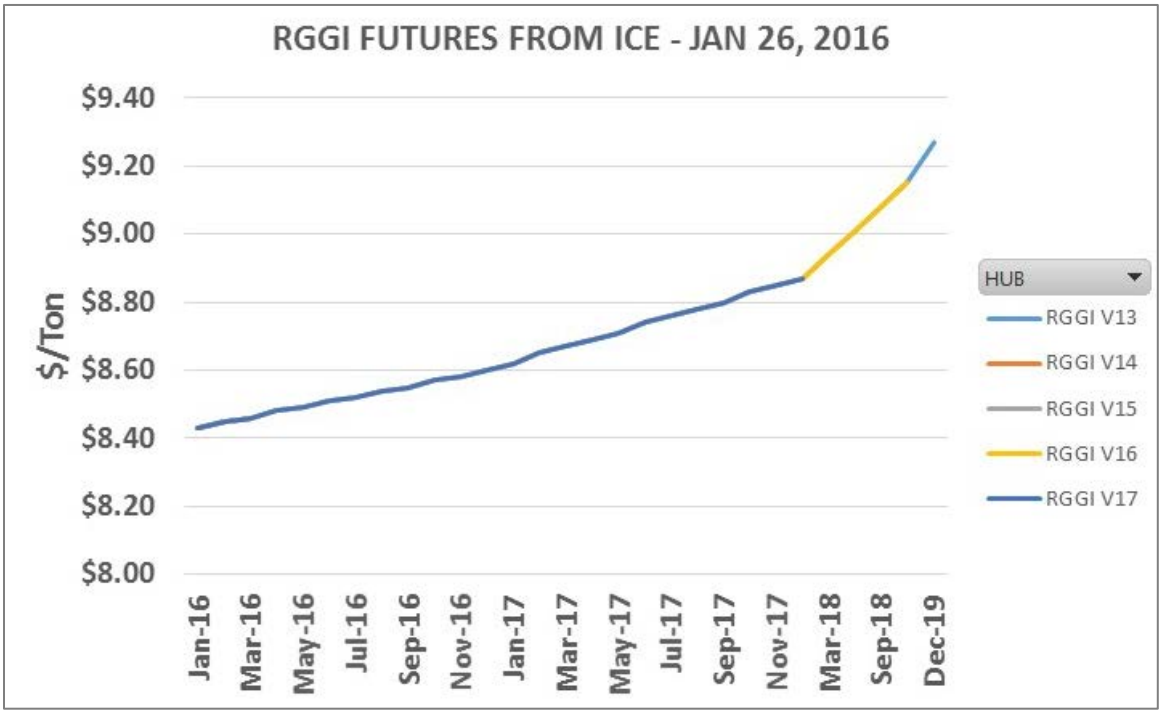


The table and chart indicate that Dover could run out of banked allowances as early as the end of 2017 under the high emissions scenario and by the end of 2020 under the average scenario. Therefore, Dover has recently initiated a program to participate in RGGI's quarterly auctions to ensure it has adequate allowances in the future.

In anticipation of needing additional RGGI allowances in the future, Dover has participated in the last four auctions and plans to continue to participate as required. The table below shows details for Dover's allowance purchases for each of these previous auctions.

Dover's RGGI Allowance Purchase History				
RGGI Auction Number	***Auction Date***	***Auction Clearing Price ($/Ton)***	***Quantity Of Allowances Awarded***	***Total Cost***
26	Dec 3, 2014	$5.21	1,000	$ 5,210
27	Mar 11, 2015	$5.41	6,000	32,460
28	June 3, 2015	$5.50	4,000	22,000
29	Sept 3, 2015	$6.02	4,000	24,080
30	Dec 2, 2015	$7.50	0	0
Totals			**15,000**	**$83,750**

Dover was unable to participate in Auction 30 due to an administrative error. Even if it had participated, the auction cleared at a significantly higher price than the highest tier bid price which was approved by Dover at last month's RMC meeting. RGGI futures prices from the Intercontinental Exchange are shown in the chart below:



The next RGGI auction will be held on March 9, 2016. The Cost Containment Reserve will be 10 Million tons with a CCR price of $8.00/ton. Based on the recent run-up in spot prices, it may be reasonable to expect the next auction will clear in the $8.00 to $8.50 range (assuming all CCR allowances are used). TEA will provide recommendations for Auction 31 during the February 2016 Risk Management Committee (RMC) meeting.

Based on the January 26, 2016 ICE price for the January 2016 futures price ($8.45/ton), the estimated market value of Dover's existing 91,546[2] ton RGGI allowance bank is $773,564.

On November 17, 2015 RGGI held a stakeholder meeting to prepare for the 2016 RGGI program review. Discussion topics included EPA's Clean Power Plan, potential changes to the RGGI allowance cap post 2020 and a discussion about RGGI's Flexibility Mechanisms. A Delaware specific stakeholder "listening session" was held on November 20, 2015, with a focus on EPA's Clean Power Plan and how it relates to the RGGI program. Additionally, on December 8, RGGI made a number of comments which were filed after the November 17 meeting. The next stakeholder meeting is scheduled on February 2, 2016. TEA will continue to monitor the 2016 program review as it evolves.

Renewable Energy Certificates

Dover owns two photovoltaic systems totaling 15 kW, consisting of one 5 kW unit at the Utilities Administration Building and two 5 kW units at the McKee Run generating station. Dover also receives solar energy produced by the 10 MW Dover Sun Park, which is owned by White Oak Solar Energy, LLC. In addition to all of the physical energy produced by the Sun Park, Dover receives 15% of Sun Park's Solar Renewable Energy Credits (SRECS).

Dover participates in the Delaware Municipal Electric Renewable Portfolio Standard (DMERPS) for compliance with the State of Delaware's RPS laws applicable to municipal utilities. The first compliance period under DMERPS was for the 12 months ending May 2014, and the second compliance period was for the 12 months ending May 2015.

Through the end of generation month November 2015, Dover had accumulated a total of 6,783 SRECS from these renewable energy resources. This total includes SRECS reported in PJM's GATS account, Bonus allowances for Sun Park labor, and net of 2,941 SRECs transferred to DEMEC for surrender on October 3, 2014 for the first compliance period and 2,861 SRECs and 574 bonus SRECs for the second compliance period on November 9, 2015.

Delaware periodically holds SRECs auctions; however, these auctions are for size tiers N1 – N3, E1 and E2. The Dover Sun Park is in the N4 tier for large-scale facilities. State-wide carve outs for Tier 4 has been fully subscribed, so there is not a market for Tier T4 SRECs in Delaware.

The nearest viable market for Dover's SRECs is Pennsylvania. Daily settlement prices from Flett Exchange Environmental Services. The most recent settlement prices for Pennsylvania SRECS are used in the table below.

[2] Subject to verification from RGGI COATS account.

SREC Vintage (June 1 – May 31)	Market Clearing Price	PJM-GATS Balance Before 2014/15 Compliance	10% Bonus SRECs for Sun Park Labor[3]	Transferred to DEMEC for 2014/15 Compliance		Net SREC Balance After Transfer and Surrender	Market Value
				Bonus	*GATs*		
2011/2012	$ 0.00	0	290.2	290.2		0	$0
2012/2013	$ 0.00	2,173	215.7	215.7	2,173	0	$0
2013/2014	$10.00	2,701	268.0	68.1	688	2,212.8	22,129
2014/2015	$10.00	2,685	266.3	0	0	2,951.3	29,513
2015/2016	$15.00	1,473	146.2	0	0	1,619.2	24,288
	Totals	**9,032**	**1,186.4**	**574**	**2,861**	**6,783.4**	**$75,930**

TEA continues to recommend to Dover to retain these allowances for compliance with its Renewable Portfolio Standard (RPS). Additionally, Dover will need to acquire additional SRECs resources in future years. It is apparent that Dover's portion of SRECs produced by White Oak Solar Energy Center will not be sufficient in future years as the compliance requirements increase. DEMEC has indicated that it expects to have excess SRECs available for Dover's compliance requirements. This and other alternatives will need to be evaluated in the near future.

[3] Note: Retroactive Bonus Allowances were not transferred within PJM's GATS system but were used to off-set 2014/15 compliance obligation.

RISK MANAGEMENT SUMMARY

Forward power prices in PJM have increased.

PY	Hedge Ratio	Blended Cost ($/MWh)	Monthly Change ($/MWh)
2015-16	75%	$41.72	($0.31)
2016-17	59%	$40.65	$0.19
2017-18	56%	$40.23	$0.18
2018-19	49%	$39.07	$0.11
2019-20	32%	$36.74	$0.26

II. BUDGET REPORT

	Budget Dec 15	Actual Dec 15	Variance
Gross Load	**57,800**	**56,530**	**1,270**
Power Supply			
Hedged Energy	$1,874,900	$1,721,267	$153,633
PJM - Energy, Congestion & Losses	$549,200	333,123	$216,077
PJM - ARR, Transmission and Fees	$650,000	479,171	$170,829
Dover SUN Park Energy	$104,700	$74,637	$30,063
Dover SUN Park RECs	$18,100	$15,920	$2,180
RECS (Solar and Non-Solar)	$56,100	$0	$56,100
RGGI Credit Costs	$43,700	$0	$43,700
Management Fees	$83,000	$83,000	$0
PJM - Capacity UCAP Obligated Purchased	$882,400	$896,867	($14,467)
Subtotal - Power Supply	**$4,262,100**	**$3,603,985**	**$658,115**
Power Generation O&M			
Plant O&M	$ 448,800	$ 463,779	$ (14,979)
Subtotal Generation O&M	**$448,800**	**$ 463,779**	**($14,979)**
Power Generation Production Margin			
PJM - Economic and reliability dispatch	$0	($18,213)	$18,213
Fuel Costs - Natural Gas	$0	$0	$0
Fuel Costs - Oil	$0	$19,511	($19,511)
Testing Costs	$0	$0	$0
Subtotal Generation Production Margin	**$0**	**$1,298**	**$ (1,298)**
Power Generation Non-Production Revenue			
PJM - Generation Capacity Credit	($908,500)	($902,146)	($6,354)
Emissions Allowance Sales	$0	$0	$0
Reactive Supply - Gas	($30,000)	($43,549)	$13,549
Subtotal - Non-Production Revenue	**($938,500)**	**($945,695)**	**$7,195**
SubTotal - All Generation	**($489,700)**	**($480,618)**	**($9,082)**
Total - Utilities Cost	**$3,772,400**	**$3,123,367**	**$649,033**
Unit Costs			
Total - Power Supply	$73.74	$63.75	$9.99
Total - Power Generation	($8.47)	($8.50)	$0.03
Final Cost of Service to City of Dover Ratepayers	$65.27	$55.25	$10.01

Variance Analysis

- **Power Supply**
  - Dover consumed 1,270 MWh less than forecasted for the month.
  - Dover saw a favorable variance for budgeted Hedged Energy of $153,633.
  - Dover experienced a favorable variance for budgeted PJM - Energy, Congestion & Losses of $216,077 and a favorable variance for PJM ARR, Transmission and Fees of $170,829.
  - This resulted in a net power supply cost of $55.05/MWh and a positive budget variance of $10.01/MWh below budget.
  - The city realized a favorable variance of $658,115 for power supply vs. the monthly budget.
  - Dover Sun Park generated 248 MWhs less than forecasted.
- **Generation**
  - Non Production Revenue had a favorable variance of $7,195 due to higher Reactive Supply Revenue.
  - Net Generation Revenue had an unfavorable variance of $9,082 due to an unfavorable O&M and production margin variance.

	Budget YTD	Actual YTD	Variance
Gross Load	**388,000**	**385,291**	**2,709**
Power Supply			
Hedged Energy	$13,073,500	$12,556,371	$517,129
PJM - Energy, Congestion & Losses	$3,852,400	1,561,336	$2,291,064
PJM - ARR, Transmission and Fees	$4,032,500	3,028,182	$1,004,318
Dover SUN Park Energy	$1,007,800	$1,068,472	($60,672)
Dover SUN Park RECs	$194,100	$198,103	($4,003)
RECS (Solar and Non-Solar)	$336,600	$0	$336,600
RGGI Credit Costs	$87,500	$24,080	$63,420
Management Fees	$498,000	$498,000	$0
PJM - Capacity UCAP Obligated Purchased	$5,237,400	$5,301,299	($63,899)
Subtotal - Power Supply	**$28,319,800**	**$24,235,843**	**$4,083,957**
Power Generation O&M			
Plant O&M	$ 3,402,800	$ 2,870,600	$ 532,200
Subtotal Generation O&M	**$3,402,800**	**$ 2,870,600**	**$532,200**
Power Generation Production Margin			
PJM - Economic and reliability dispatch	($569,400)	($682,427)	$113,027
Fuel Costs - Natural Gas	$389,200	$195,592	$193,608
Fuel Costs - Oil	$0	$110,545	($110,545)
Testing Costs	$0	$0	$0
Subtotal Generation Production Margin	**($180,200)**	**($376,290)**	**$ 196,090**
Power Generation Non-Production Revenue			
PJM - Generation Capacity Credit	($5,392,400)	($4,791,676)	($600,724)
Emissions Allowance Sales	$0	$0	$0
Reactive Supply - Gas	($180,000)	($351,903)	$171,903
Subtotal - Non-Production Revenue	**($5,572,400)**	**($5,143,579)**	**($428,821)**
SubTotal - All Generation	**($2,349,800)**	**($2,649,269)**	**$299,469**
Total - Utilities Cost	**$25,970,000**	**$21,586,574**	**$4,383,426**
Unit Costs			
Total - Power Supply	$72.99	$62.90	$10.09
Total - Power Generation	($6.06)	($6.88)	$0.82
Final Cost of Service to City of Dover Ratepayers	$66.93	$56.03	$10.91

III. Operations Management

Operations Summary

During the month of December, there were no recordable accidents so the facility has gone 259 days thorough December 31, 2015 without an OSHA Recordable Accident, and there were no lost time accidents so it has been 343 days since the last lost time accident. There were also no environmental incidents during the month of December.

Unit 11 was dispatched by PJM on December 5 due to a constraint on the Milford-Steele line, the unit was cost capped. Unit 11 was on line for 2.42 hours and Units 1, 2, and 3 were not dispatched during the month of December. All Units were available for the remainder of the month.

The actual expenses for the month of December are $463,779 against a budgeted amount of $448,775 for an unfavorable variance of $15,004 or 3.34%. The variance was due to the following: A favorable monthly variance of $43,971 was due to not having a full complement of employees for this time period, a favorable monthly variance of $1,008 was due to lower water/sewer account was less than budgeted and completion of the network cabling replacement project, and an unfavorable monthly variance of $59,983 due primarily to the timing of home office consolidated invoices being processed for payment. Primarily the November costs were booked in the December expenses.

NAES Corporation
Dover, Delaware
December 2015
Monthly Report



Happy Holidays from McKee Run Generating Station!

Cover picture: The Christmas lights on display at McKee Run on Unit #3 stack with wishes for a Merry Christmas and Happy New Year to everyone!

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1.0 Environmental, Health and Safety

During the month of December, there were no recordable accidents, lost time accidents or environmental incidents. The facility has gone 259 days through December 31, 2015 without an OSHA Recordable Accident or a Lost Time since the April 16, 2015 reportable accident. There were no Near Misses reported in December 2015 at McKee Run.

During the month of December, there were no IWW discharges to the Kent County Public Works sewer system. The December Significant Industrial User (SIU) report was submitted to Kent County Public Works indicating no discharges occurred. McKee Run submitted a waiver of cyanide analysis to the Kent County Public Works division since cyanide was not detected in four (4) consecutive quarters. The waiver from Kent County was granted and McKee Run no longer has to analyze for cyanide.

During the month of December, there were no sampling events at Outfall 001, 004, 005 and 006. The December DMR was submitted to DNREC indicating no discharge from Outfall 001, 004, 005 and 006 for this month. No NPDES exceedances have been identified. All non-contact cooling tower blowdown water is being discharged directly to the Kent County Department of Public Works under the facilities Industrial Wastewater Discharge Permit #18.

DNREC was on-site December 22, 2015 for the annual Surface Water Discharge assessment. DNREC reviewed SPCC Plans and daily logs, Storm Water Plans, training documents, review of lab calibration procedures plus a field tour to inspect all storm water outfalls. Based on the inspectors evaluation of the documents and field tour mentioned above, McKee Run and VanSant passed the assessment.

McKee Run conducted a required full deployment drill as part of the Facility Response Plan requirements. The full deployment drill was conducted to measure McKee Run, City of Dover, Dover Fire and Police Departments, LEPC, State agencies and spill response contractors readiness in the event of a worst case discharge from the 2.5 million gallon tank of No. 2 fuel oil. The drill required full participation from the all entities mentioned above included being prepared to deploy watercraft and harbor boom into Silver Lake. Based on the requirements necessary to pass the exercise, McKee Run fulfilled those requirements.

Environmental, Health and Safety Statistics			
	December	Fiscal Year to Date 7/1/2015-6/30/2016	
NOVs	0	1	
Opacity Deviations	0	1	
Environmental Deviations	0	0	
OSHA Recordable	0	0	
OSHA LTA's	0	0	
First Aid cases	0	0	
Restricted Workday Accident	0	0	
Near Miss	2	7	
Man Hours Worked	**4,348.5**	**26,069.75**	
Date of OSHA Recordable:	4/16/2015	**Days since last Recordable:**	259
Date of Lost Time Accident:	1/12/2015	**Days since last LTA:**	343

SO_2 Allowance Summary					
SO_2 Allowance Vintage	SO_2 Allowances Sold - YTD	SO_2 Allowances Available (Per Unit, Prior to Sale & Reconciliation)		Total SO_2 Tons Emitted – U3 & U11 YTD	SO_2 Allowance Balance*
		Unit #3	Unit #11		
2013 and earlier	0	10,365	690	2	11,053
2014	0	1,850	138	1	1,987
2015	0	1,838	137	13.3	1,976
			Total SO2 Allowance Balance:		**15,006**
*Note – Emissions allowances are deducted according to oldest vintage first, unless otherwise directed.					

CO2 Allowance Summary										
CO2 Allowances	Quarterly CO2 Emitted				Reporting Period Total CO2 Emitted		Total CO2 Emitted		RGGI-COATS Account Balances	
	U1	U2	U3	U11	MR	VS	MR	VS	MR	VS
2014 and before					194,244	7,799				
2015-1	0	0	2,226.8	418.4			108,126	7,340		
2015-2	0	0	1,109.3	1,176.2						
2015-3	0	0	6,221.8	424.8						
2015-4	0	0	0.0	403.2						
2015 TOTALS	0	0	9,567.9	2,422.6	9,566.0	2,423			86,000	8,000

2.0 Financials

Monthly and year-to-date financial results as compared with the approved power plant budget for the Generation Units are provided below.

December 2015			
	Actual	Budget	Variance
Personnel	$237,229	$281,200	$43,971
Materials & Supplies	$10,492	$11,500	$1,008
Administrative Expenses	$216,058	$156,075	($59,983)
Total	**$463,779**	**$448,775**	**($15,004)**

July 2015 thru December 2015			
	Actual	Budget	Variance
Personnel	$1,474,785	$1,909,600	$434,815
Materials & Supplies	$110,354	$156,150	$45,796
Administrative Expenses	$1,285,467	$1,337,100	$51,633
Total	**$2,870,606**	**$3,402,850**	**$532,244**

2.1 Variance Analysis:

The actual expenses for the month of December are $463,779 against a budgeted amount of $448,775 for an unfavorable variance of $15,004 or 3.34%. The variance was due to the following:

PERSONNEL EXPENSES: A favorable monthly variance of $43,971 was due to not having a full complement of employees for this time period. As a result, this impacted three (3) labor accounts – Straight Time, Overtime, and Labor Burdens.

MATERIALS AND SUPPLIES EXPENSES: A favorable monthly variance of $1,008 was due to lower costs in the water – sewer account than budgeted and completion of network cabling that was completed earlier in the fiscal year.

ADMINISTRATIVE EXPENSES: An unfavorable monthly variance of $59,983 was due primarily to the timing of home office consolidated invoices being processed for payment. The operator management fee and insurance costs from November were booked in the December expenses.

3.0 Operations

Unit Operations / Outages / Trips: Unit 11 was dispatched by PJM on December 5 at 0625 due to a constraint on the Milford-Steele line; the unit was cost-capped. Unit 11 was online at 0723 and ran for 2.417 hours. Units 1, 2, and 3 were not dispatched in the month of December.

Month of December 2015							
		McKee Unit 1	McKee Unit 2	McKee Unit 3	MRGS TOTAL	VanSant Unit 11	Total ALL Units
Capacity:	(MW)	17	17	102	136	39	175.00
On Line Hours:	(HRS)	0	0	0	0	2.417	2.417
Starts:	(#)	0	0	0	0	1	1
Gross Generation:	(MWh)	0	0	0	0	92.852	92.852
Net Generation:	(MWh)	0	0	0	0	92.771	92.771
Total Auxiliaries:	(MWh)	0	0	0	0	3.575	3.575
Auxiliaries purchased:	(MWh)	30.974	30.974	174.240	236.187	3.494	239.681
Fuel Gas Used:	(MMBTU)	0	0	0	0	0	0
Fuel Oil Used:	(MMBTU)	0	0	0	0	1,172.064	1,172.064
Fuel Oil Used:	(Gallons)	0	0	0	0	8,509	8,509
Total Fuel:	(MMBTU)	0	0	0	0	1,172.064	1,172.064
Net Heat Rate:	(BTU/KWh)	0	0	0	0	12.634	12.634
Unit Trips:	(#)	0	0	0	0	0	0
Capacity Factor:	(%)	0.00%	0.00%	0.00%	0.00%	0.31%	0.07%
Availability Factor:	(%)	100%	100%	100%	100%	100%	100.00%
Commercial Unavailability :	(%)	0.0	0.0	0.0	0.0	0.0	0.0
Planned Outage Hours	(HRS)	358.000	358.000	344.000	1,060.000	0.0	1,060.000
Maintenance Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Forced Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Equivalent Derate Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Reserve Shutdown Hours:	(HRS)	744	744	744	2,232	741.583	2,973.583
HW Boiler Gas Usage:	(MMBTU)				1,077		1,077

2015-2016 Fiscal Year - July 2015 thru December 2015							
		McKee Unit 1	McKee Unit 2	McKee Unit 3	MRGS TOTAL	VanSant Unit 11	Total ALL Units
Capacity:	(MW)	17	17	102	136	39	175.00
On Line Hours:	(HRS)	7.233	10.166	216.731	234.13	24.081	258.211
Starts:	(#)	1	3	21	25	8	33
Gross Generation:	(MWh)	81.874	96.694	8,868.27	9,046.83	931.219	9,978.049
Net Generation:	(MWh)	79.759	92.259	7983.59	8155.608	930.413	9,086.021
Total Auxiliaries:	(MWh)	167.854	170.174	2,184.463	2,522.491	13.146	2,535.637
Auxiliaries purchased:	(MWh)	165.736	165.736	1,303.884	1,635.356	12.439	1,647.795
Fuel Gas Used:	(MMBTU)	958.55	2059.93	97372.19	100390.7	8,290.865	108,681.565
Fuel Oil Used:	(MMBTU)	0.00	0.00	7162.129	7162.129	4,865.054	12,027.183
Fuel Oil Used:	(Gallons)	0.00	0.00	51,181	51,181	35,303	86,484
Total Fuel:	(MMBTU)	958.55	2059.93	104,534.5	107,553	13,155.919	120,708.919
Net Heat Rate:	(BTU/KWh)	12.02	22.33	12.705	15.683	12.634	14.159
Unit Trips:	(#)	0	0	0	0	2	2
Capacity Factor:	(%)	0.11	0.12	1.77	1.36	0.54	1.18
Availability Factor:	(%)	91.89	91.89	90.94	91.57	100.0	93.68
Commercial Unavailability :	(%)	0.0	0.0	0.0	0.0	0.0	0.0
Planned Outage Hours	(HRS)	358.000	358.000	344.000	1,060.000	0.0	1,060.000
Maintenance Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Forced Outage Hours:	(HRS)	0.0	0.0	0.0	0.0	0.0	0.0
Equivalent Derate Hours:	(HRS)	0.00	0.00	55.15	32.14	0	32.14
Reserve Shutdown Hours:	(HRS)	4,049.77	4,046.834	3,789.269	11,885.873	4,390.919	16,276.792
HW Boiler Gas Usage:	(MMBTU)				1,831.664		1,831.664

Fuel Oil Inventory (#2 Fuel Oil)

	Monthly Starting Inventory	Monthly Ending Inventory	Fuel Monthly Purchase	Monthly Inventory Change	FY15-16 Starting Inventory	Fuel Purchase FYTD	FY15-16 Inventory Change
McKee Run	825,731	825,294	0	(437)	739,369	126,038	85,925
Van Sant	223,666	223,160	7,525	(506)	180,770	80,549	42,390

Van Sant Lifetime through December 2015

	Actual Starts	Factored Starts	Fired Hours
Van Sant	1,414	2400.25	4411.20
Since HGP–2004	279	732.55	1027.62

3.1 Team Report:

The operators also use the GPi Learning courses to improve their knowledge and skills. The GPI online training which supports plant safety, OSHA, and environmental training requirements are being used by the teams to complete their training for the year. Along with the GPI OSHA training, the operators review the plant's safety procedures.

Operations personnel continue to support maintenance by working on Preventative Maintenance (PM) work orders and other work orders that they have the skills to successfully complete the task. The Operations Department continues to utilize the Day Shift Workers in both the Operations and Maintenance areas to assist with maintenance of the plant.

4.0 Maintenance

During the month of December, the Plant Maintenance staff continued addressing the backlog of work orders, preventative maintenance (PM's) and new work orders received during the month. Back logged Work Orders are work orders that have been open for greater than thirty days. There were 40 new work orders issued with 51 work orders being completed, and 17 of the back logged work orders completed during the month. There were no new Safety Work Orders entered into the plant's Computerized Maintenance Management System (MP2) during the month and none were completed. The table below summarizes the monthly work order activities based on MP2 records and will continue to improve with time. This table gives a representation of identified outstanding work; Preventative Maintenance tasks completion and remaining corrective work orders and back logged work orders that require attention.

City of Dover – McKee Run Work Order Statistics									
	WO Type	Starting Backlog	Recv'd WO	Total WO	Comp WO	Comp Rcvd	Total Comp	Ending Backlog	OPEN WO's
McKee Run	ADM	19	2	21	5	1	6	14	15
	CM	35	7	42	6	5	11	29	31
	EW	4	0	4	0	0	0	4	4
	PM	19	31	50	5	28	33	14	17
	SW	1	0	1	1	0	1	0	0
Site Totals		**78**	**40**	**118**	**17**	**34**	**51**	**61**	**67**

City of Dover – Van Sant Work Order Statistics									
	WO Type	Starting Backlog	Recv'd WO	Total WO	Comp WO	Comp Rcvd	Total Comp	Ending Backlog	OPEN WO's
Van Sant	ADM	3	0	3	3	0	3	0	0
	CM	2	4	6	0	2	2	2	4
	PM	1	6	7	0	1	1	1	6
	SW	1	0	1	1	0	1	0	0
Site Totals		**7**	**10**	**17**	**4**	**3**	**7**	**3**	**10**

Notable activities during the month include:

The Maintenance and Operations staff completed the installation of the new fuel oil bypass piping around the fuel oil unloading meter. Operations removed the standing fuel oil, completed a LOTO and installed nitrogen for pipe purging during the pipe removal process to commence Maintenance removed the spool piece and removed existing fuel oil piping to install the new bypass piping. The LOTO was removed and the piping leak tested. This allows the plant to bypass the fuel oil unloading meter for calibration, PM maintenance or repair service.

The Maintenance and IC&E staff participated in the Facility Response Plan Drill. Mock drill was commenced with the discovery of fuel oil leaking from the fuel oil tank. Staff responded to the emergency call and deployed booms and pads in the drill area. The spill trailer was utilized during this event. Also special creek booms were placed in the nearby creek to contain the fuel oil from entering Silver Lake. This was a drill.

The Maintenance staff repaired the VanSant carbon tank. During the regeneration process of the VanSant DI, it was discovered that the carbon tank had a pinhole leak. The tank was locked out, drained and the repair completed. LOTO was removed and the process started again. No leaks were discovered.

The IC&E staff completed the change out of the VanSant natural gas skid condensate collection receptacle. The collection jar had become very hard to read and monitor condensate levels. A new self-contained five (5) gallon drum with a level indicator was installed. This allows the daily site inspector to easily see any amount of condensate being contained.

5.0 Capital Improvement Projects (CIP)

This month's report for CIP project planned and budgeted for the current budget year 2015/2016 with the status to date for the project.

2015/2016 CIP Status:

Project Number	Description	Update
EG1407	Metering System Upgrades	Progress: Project on Hold. Schedule: Project is on Hold researching new meters again then will figure out funds for this project.
EG1416	VanSant Capacity Increase	Progress: Contract / PO Issued for water skid protective shelter. PO issued for replacement pumps. Schedule: Purchase system spare parts for inventory. Erect protective shelter at the water skid.
EG1504	Unit#3 Boiler System Repairs	Progress: Received final report on boiler tube sample metallurgical analysis results. Completed AVK testing on Unit #3 safety valves. Schedule:
EG1506	McKee Run / Van Sant Safety Improvements	Progress: Updated Drawings received and final work to be completed with a balance of $18K. Schedule: Project was requested to be carried over into new FY.
EG1601	McKee Run Building Equipment Replacement	Progress: Summit Mechanical work in progress for hot water lines to new heaters. Heaters arrived on site. Schedule: Installation of heaters and insulation is in progress.
EG1604	McKee Run Unit #3 Boiler Systems	Progress: These funds have been moved to EG1504 as this is a multi-year on-going project. Schedule: As identified.
EG1607	McKee Run Unit #3 Auxiliary Equipment Replacement	Progress: Unit #3A and #3B ID Fan Repairs and work on motors completed. Schedule: Work on both motors completed. Additional work as ID'd.
EG1608	McKee Run / Van Sant CEMS Upgrades	Progress: Determined that there was no need to upgrade the software we currently use but new computers are needed. Schedule: Computers have been received and sent to VIM Technologies for imaging.
EG1609	Van Sant Station Component Replacement	Progress: Replacement gas skid valves received. Schedule: Fuel oil flow divider received and placed in stock. Post exhaust plenum replacement it is anticipated we will need to replace scanners and associated leads.
EG1610	McKee Run / Van Sant Safety Improvements	Progress: Front lobby entrance modifications in progress. Schedule: Final completion date by February 1, 2016. Received (10) new 2-way radios to replace obsolete / non-repairable models.
EG1611	McKee Run / Van Sant Structural Preservation	Progress: Contractors did site visits to sites. Requested a possible solution to the coating degradation that we've experienced. Some funds were used to support transformer repair cost to preserve station integrity and reliability. (T&D Department) Schedule: Likely that any coating application will need to be performed during a period of milder temperatures for proper adhesion.
EG1612	Van Sant Exhaust Plenum Replacement	Progress: Awarded to Universal Acoustics and Emissions Technology. Schedule: Materials invoice processed for payment. Have received first fabrication update from vendor. Assembly to ship week of 2/15/16.
EG1613	McKee Run Unit #3 Boiler Stack Repairs	Progress: Inspection completed in 2012. Schedule: Develop bid package to be sent for spring 2016 work.

6.0 General Plant Information

Throughout the month of December, three of our most recently hired Operators sat for the PJM Examination. Debro Curtis, Kyle Polumbo and Jesse Kummerer each attempted this challenging exam. Although they were not successful, we applaud their efforts to build on their knowledge base in preparing for successfully achieving this step in their professional training in the near future.

Plant employees completed the 2015 Annual Food Drive for the local Food Bank. Our goal was to collect at least 150 lbs. of food, to best last year's donations of 135 lbs. Our drive continued through December 11, at which time all donations were turned over to the Food Bank. Our generous employees managed to bring in a total of 355 lbs. of food, well over our initial goal of 150 lbs. Employees were encouraged to guess the total weight of the donations, with Erik Petty, Senior Operator, guessing the closest. Congratulations to Erik and all staff who participated and made a difference.

On December 22 we held a Plant Holiday Celebration with a Turkey Fry and all the Fixings. All staff contributed with food, snacks, drinks and supplies. In addition, employees were encouraged to participate in a Secret Santa. Gifts were limited to $25.00 or less, and we had a large participation rate for the meal and the gift-giving.

New employee Jacob Aucoin started as Plant Engineer on December 29. Jake earned his Bachelor of Science in Mechanical Engineering from Louisiana State University in Baton Rouge. Jake has most recently worked with DuPont and Dentsply Caulk, and has experience with mechanical reliability monitoring and improvement, failure analysis, facility maintenance, workplace and machine safety, hazard identification, analysis and hazard mitigation, to name a few areas of experience. We look forward to having Jake integrated into our team to support the many needs of the facility.

Interviews are completed for the IC&E Technician and an offer was made to John Neff on January 5, 2016. John accepted this offer, and is currently going through the NAES screening process. More information on John will be posted in next month's Monthly Report.

7.0 Training

Joe Hultberg from Condor Technologies was on site December 10 and 11 to hold classes on boiler and cooling water treatment focusing on Unit 3. The classes were set up to help our new operators to have a better understanding of the water chemistry and the best way to react to the results of testing. The two classes were three hours each and covered all shifts.

Topics discussed during the monthly safety committee meeting were reviewed by the entire staff. The monthly safety topic was on "Eye Injury Prevention Fact Sheet", each day, an estimated 2,000 workers suffer eye injuries on the job, which robs many of them of their sight.

8.0 Upcoming Events

A forecast of general event dates for the power plant projects, outages and various agency reporting dates are listed below.

Calendar of Upcoming Events	Date
Winter Capacity Period	December 1, 2015 – February 28, 2016
2015 Title V Annual Certifications Due	January 31, 2016
Water Allocation Report	January 31, 2016
RGGI-COATS True Up	March 1, 2016
Unit 11 Spring Outage Schedule	March 1, 2016
NOx Ozone Season Started	May 1, 2016
NOx Ozone Season Ends	October 30, 2016

9.0 "Value Added" Accomplishments in 2015

During the year the power plant staff is tasked with providing Operation and Maintenance support for maintaining the City of Dover power generation assets in a ready to run status and to protect the assets for the City. Listed below are some of the accomplishments that were done this past year that we feel protected, added value to, and provided improvement to the overall operation and reliability of the City's assets.

- Repair of Unit 3A ID Fan from fire incident during startup of unit in January
- Recovery from winter freeze up of the units and component repairs
- Replacement of Condensate piping 6" and 8" line (approx. 200' of piping)
- Heat trace installation and insulation installation on repaired condensate piping
- Replacement of concrete pads with deck gratings outdoors and heat trace and insulation to condensate piping to allow
- Rewind of 3B ID Fan after motor cooling fan blade failure and replacement of motor cooling fans to improve blade performance/reduce failure(s).
- Removal of 3A ID fan motor for inspection, testing and replacement of motor cooling fan blades before they could fail was done to prevent similar failure that occurred on 3B ID Fan Motor.
- Summer 2015 run season allowed additional unit operations to allow us to train and qualify 3 new Control Room Operators and excellent training and introduction to the old technology for 5 new employees. Great morale builder and invaluable training lessons.
- Inlet Fogging System installation, testing and commissioning for summer operation improvements (capacity) was completed for the Van Sant unit.
- Performance testing at Van Sant proved a 6.3 MW increase in unit capacity.
- Commenced weekly operational test on the starting diesel for Van Sant to improve start reliability of the unit. In the past unit would sit for up to 6 months without operation which led inconsistent start performance. This identified several issues which were tuned, adjusted and improved on for starting reliability.

- Correction of diesel starting engine issues to improve start reliability for the Van Sant unit included: diesel fuel injector replacement, some were sticking from lack of operations, throttle setting adjustment was performed as unit was not capable of coming on line in a timely manner, improved diesel start time of unit with adjustments to idle settings and ramp speed of diesel, and diesel throttle linkage adjustment was done to improve engine operation, engine was hunting and slow to come up to speed.
- Instituted a once a month full speed no load run to exercise the CT and to engage new employees in proper CT operation, this is improving the operating knowledge of senior operators as well as providing invaluable on hands training to new operators.
- Installation of hot water boiler additional heaters to allow space heat to supply power plant building.
- Winterization of power plant Van Sant and MRGS, power plant building at MRGS the building is significantly warmer then past winters.
- McKee Run submitted a waiver of cyanide analysis to the Kent County Public Works since cyanide was not detected in four (4) consecutive quarters. The waiver from Kent County was granted and McKee Run no longer has to analyze for cyanide. The City of Dover will realize a cost saving from no more cyanide analysis.
- Removed incandescent light bulbs and replaced them with LED lights in an effort to reduce electricity costs for lighting and for longer lasting bulbs which equates to less frequent purchase of replacement light bulbs.
- Installed filter fabric silt sacks over Outfall 005 to significantly reduce sediment from storm water run-off from entering the Outfall. DNREC approved the action and is very pleased with the pollution reduction measure.
- McKee Run hired a professional pest removal company to trap and remove groundhogs from the property. Groundhogs were burrowed and damaged the Tank 1 (2.5MM No. 2 fuel oil tank) berm which jeopardized the integrity of the berm. The empty holes were backfilled by McKee Run operators.
- At the recommendation of the pest company, McKee Run hired a landscape firm to cut an eight foot (8') wide path around the perimeter of the fencing to further reduce the likelihood of pests from returning.
- In coordination with the City of Dover IT Department, the entire computer cabling network at McKee Run was upgraded and replaced throughout the facility. All old cabling was replaced with the latest Cat 6, shielded cable. All connections were tested, logged and documented. Computer racks on the 3rd floor and Computer Room were replaced. This has resulted in greater reliability and less down time due to outdated support systems.
- Developed an internal Budget Variance Report for the O&M Budget so our staff has a current status of the budget line items to help comply with the annual O&M budget.
- In coordination with City of Dover IT Department, a Barracuda Internet Filter was installed on the computer network to minimize virus and security threats from the internet.
- McKee Run employees were all converted to Microsoft Exchange e-mail hosting to allow easier, more secure access to their e-mail accounts, and to keep up with technological changes in communication.
- Added dirt to the area immediately North of Unit #3 Cooling Water Tower, the final grading of the area is not complete but the addition of the dirt has eliminated a low lying area and once the finally grade is finished by public works, and grass is planted, this area will not be a concern for DNREC or outfall concerns.

IV. APPENDIX: PJM INVOICE

REPORT NAME:	Monthly Billing Statement - CSV and XML
CUSTOMER ACCOUNT:	City of Dover, Delaware
CUSTOMER CODE:	DOVDE
CUSTOMER ID:	76.000000
FINAL BILLING STATEMENT ISSUED:	1/8/2016 9:12
BILLING PERIOD START DATE:	12/1/2015
BILLING PERIOD END DATE:	12/31/2015
INVOICE NUMBER:	2015123100076.000000
INVOICE DUE DATE:	1/15/2016 12:00

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT ($)
1100.000000		Network Integration Transmission Service		449639.810000
1108.000000		Transmission Enhancement		70050.530000
1130.000000		Firm Point-to-Point Transmission Service		0.000000
1140.000000		Non-Firm Point-to-Point Transmission Service		0.000000
1200.000000		Day-ahead Spot Market Energy		357636.720000
1205.000000		Balancing Spot Market Energy		-12316.700000
1210.000000		Day-ahead Transmission Congestion		-47712.740000
1215.000000		Balancing Transmission Congestion		17205.320000
1220.000000		Day-ahead Transmission Losses		8543.730000
1225.000000		Balancing Transmission Losses		346.720000
1230.000000		Inadvertent Interchange		-40.520000
1242.000000		Day-Ahead Load Response Charge Allocation		17.520000
1243.000000		Real-Time Load Response Charge Allocation		157.340000
1250.000000		Meter Error Correction		-1466.580000
1301.000000		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		9668.490000

1302.000000	PJM Scheduling, System Control and Dispatch Service - FTR Administration	0.000000
1303.000000	PJM Scheduling, System Control and Dispatch Service - Market Support	2224.810000
1304.000000	PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration	85.330000
1305.000000	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	936.820000
1306.000000	PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center	839.540000
1307.000000	PJM Scheduling, System Control and Dispatch Service - Market Support Offset	-223.600000
1308.000000	PJM Scheduling, System Control and Dispatch Service Refund - Control Area Administration	-62.840000
1310.000000	PJM Scheduling, System Control and Dispatch Service Refund - Market Support	-11.780000
1311.000000	PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market Administration	-0.910000
1312.000000	PJM Scheduling, System Control and Dispatch Service Refund - Capacity Resource/Obligation Mgmt.	-5.270000
1313.000000	PJM Settlement, Inc.	223.600000
1314.000000	Market Monitoring Unit (MMU) Funding	229.520000
1315.000000	FERC Annual Recovery	3828.550000
1316.000000	Organization of PJM States, Inc. (OPSI) Funding	39.450000
1317.000000	North American Electric Reliability Corporation (NERC)	674.280000
1318.000000	Reliability First Corporation (RFC)	1097.110000
1320.000000	Transmission Owner Scheduling, System Control and Dispatch Service	4245.690000
1330.000000	Reactive Supply and Voltage Control from Generation and Other Sources Service	42490.630000
1340.000000	Regulation and Frequency Response Service	8602.700000
1360.000000	Synchronized Reserve	6410.050000
1362.000000	Non-Synchronized Reserve	1625.710000
1365.000000	Day-ahead Scheduling Reserve	263.630000
1370.000000	Day-ahead Operating Reserve	3950.770000
1375.000000	Balancing Operating Reserve	1336.620000
1376.000000	Balancing Operating Reserve for Load Response	-0.030000
1378.000000	Reactive Services	1510.160000
1380.000000	Black Start Service	3407.310000
1400.000000	Load Reconciliation for Spot Market Energy	9356.330000

1410.000000		Load Reconciliation for Transmission Congestion		-4176.940000
1420.000000		Load Reconciliation for Transmission Losses		-133.140000
1430.000000		Load Reconciliation for Inadvertent Interchange		0.300000
1440.000000		Load Reconciliation for PJM Scheduling, System Control and Dispatch Service		42.230000
1441.000000		Load Reconciliation for PJM Scheduling, System Control and Dispatch Service Refund		-0.260000
1442.000000		Load Reconciliation for Schedule 9-6 - Advanced Second Control Center		4.720000
1444.000000		Load Reconciliation for Market Monitoring Unit (MMU) Funding		0.800000
1445.000000		Load Reconciliation for FERC Annual Recovery		13.700000
1446.000000		Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding		0.140000
1447.000000		Load Reconciliation for North American Electric Reliability Corporation (NERC)		2.410000
1448.000000		Load Reconciliation for Reliability First Corporation (RFC)		3.930000
1450.000000		Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service		15.190000
1460.000000		Load Reconciliation for Regulation and Frequency Response Service		43.910000
1470.000000		Load Reconciliation for Synchronized Reserve		18.940000
1472.000000		Load Reconciliation for Non-Synchronized Reserve		3.060000
1475.000000		Load Reconciliation for Day-ahead Scheduling Reserve		3.490000
1478.000000		Load Reconciliation for Balancing Operating Reserve		5.710000
1490.000000		Load Reconciliation for Reactive Services		14.640000
1600.000000		RPM Auction		6324.930000
1610.000000		Locational Reliability		904154.060000
1932.000000		Generation Deactivation Refund		-499.230000
1250.000000	A	Meter Error Correction	11/1/2015	-7.240000
1317.000000	A	North American Electric Reliability Corporation (NERC)	12/1/2015	780.940000
1318.000000	A	Reliability First Corporation (RFC)	12/1/2015	1298.130000
1360.000000	A	Synchronized Reserve	11/1/2015	-0.310000
1365.000000	A	Day-ahead Scheduling Reserve	11/1/2015	0.010000
1370.000000	A	Day-ahead Operating Reserve	7/1/2015	7.510000
1375.000000	A	Balancing Operating Reserve	12/1/2013	1.280000
1375.000000	A	Balancing Operating Reserve	6/1/2015	1.450000
1375.000000	A	Balancing Operating Reserve	7/1/2015	0.560000
1375.000000	A	Balancing Operating Reserve	9/1/2015	6.730000

1375.000000	A	Balancing Operating Reserve	10/1/2015	-110.000000
1375.000000	A	Balancing Operating Reserve	11/1/2015	1.220000
1911.000000	A	Michigan - Ontario Interface Phase Angle Regulators	11/1/2015	181.830000
		Total Charges		1852808.520000

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT ($)
2100.000000		Network Integration Transmission Service		0.000000
2108.000000		Transmission Enhancement		55113.410000
2130.000000		Firm Point-to-Point Transmission Service		0.000000
2140.000000		Non-Firm Point-to-Point Transmission Service		619.600000
2210.000000		Transmission Congestion		0.000000
2220.000000		Transmission Losses		14083.320000
2320.000000		Transmission Owner Scheduling, System Control and Dispatch Service		0.000000
2330.000000		Reactive Supply and Voltage Control from Generation and Other Sources Service		29467.580000
2340.000000		Regulation and Frequency Response Service		0.000000
2360.000000		Synchronized Reserve		0.000000
2365.000000		Day-ahead Scheduling Reserve		0.000000
2370.000000		Day-ahead Operating Reserve		0.000000
2375.000000		Balancing Operating Reserve		12497.040000
2380.000000		Black Start Service		0.000000
2420.000000		Load Reconciliation for Transmission Losses		87.610000
2510.000000		Auction Revenue Rights		76153.980000
2600.000000		RPM Auction		908470.500000
2630.000000		Capacity Transfer Rights		2192.010000
2640.000000		Incremental Capacity Transfer Rights		353.090000
2661.000000		Capacity Resource Deficiency		4741.790000
2666.000000		Load Management Test Failure		3723.840000
2140.000000	A	Non-Firm Point-to-Point Transmission Service	11/1/2015	52.490000
2220.000000	A	Transmission Losses	7/1/2015	-1.440000
		Total Credits		1107554.820000
		Monthly Billing Net Total		745253.700000
		Previous Weekly Billing Net Total		668840.700000
		Total Due / Receivable		**76413.000000**

Dover GREEN ENERGY SUMMARY AS OF		1/27/2016
Total Collected Green Energy Funds Ever	$	1,242,664.82
DEMEC Admin Fee Paid	$	77,460.37
State Annual Admin Fee Total Paid	$	26,675.07
Grants Paid	$	535,563.25
Grants/Fees Reserved and Amounts Owed	$	2,536.25
Dover Library Green Building Improvements Cost	$	1,500,000.00
Dover Library Reimbursements paid to Dover to date	$	397,408.32
Energy Depot Program Costs Paid	$	61,978.16
Efficiency Program Incentives Paid	$	37,268.34
Solar Electric Power Association (SEPA) Dues Paid	$	6,476.41
*Total Funds Available	**$**	**97,298.66**
Encumbered Funds to Date - Dov. Lib. $98,500 due June 1	$	90,000.00
Individual Grant Funds Availble	$	7,298.66

Dover Green Energy Funds As January 27, 2016 Monthly Deposits and Payments		
Starting Balance	$	72,677.09
Deposit*	$	29,237.45
Outgoing Payments		
DEMEC Admin Fee*	$	2,923.75
State 2014 Admin Fee	$	-
Grants Paid	$	-
Energy Depot	$	1,692.13
Library Reimbursement	$	-
SEPA Dues	$	-
Ending Balance	**$**	**97,298.67**

*Deposits during this period represent through December 2015

COMPLETED PROJECTS ONLY DNREC FEE OWED

Status	Applicant	Type	Grant Reservation Request	Review Fee
COMPLETED PROJECTS ONLY DNREC FEE OWED	Michael J Kopp	Geo-Res	Paid	$ 37.50
COMPLETED PROJECTS ONLY DNREC FEE OWED	Frank Daniels	Geo-Res	Paid	$ 26.25
		Total		**$ 63.75**

RESERVED BUT INCOMPLETE PROJECTS

Status	Applicant	Type	Grant Reservation Request	Review Fee
RESERVED BUT INCOMPLETE PROJECTS	Lee Herrera	Res-Geo	$ 2,300.00	$ 172.50
		Total	**$ 2,300.00**	**$ 172.50**

ENERGY DEPOT FEES - (quarterly)

Paid	Fee Period	Amount
3/3/2008	Start-up Fees	$ 5,872.50
4/15/2008	Start-up Fees	$ 1,957.50
4/15/2008	Mar, Apr, May 2008	$ 1,692.13
7/22/2008	June, July, Aug 2008	$ 1,692.13
10/10/2008	Sept, Oct, Nov 2008	$ 1,692.13
1/2/2009	Dec 08, Jan, Feb 2009	$ 1,692.13
4/3/2008	Mar, Apr, May 2009	$ 1,692.13
7/1/2009	June, July, Aug 2009	$ 1,692.13
9/11/2009	Sept, Oct, Nov 2009	$ 1,692.13
1/4/2010	Dec 09, Jan, Feb 2010	$ 1,692.13
3/29/2010	Mar, Apr, May 2010	$ 1,692.13
6/30/2010	June, July, Aug 2010	$ 1,692.13
10/4/2010	Sept, Oct, Nov 2010	$ 1,692.13
1/3/2011	Dec 2010, Jan, Feb 2011	$ 1,692.13
4/5/2011	Mar, Apr, May 2011	$ 1,692.13
7/8/2011	June, July, Aug 2011	$ 1,692.13

10/4/2011	Sept, Oct, Nov 2011	$	1,692.13
1/3/2012	Dec 2011; Jan, Feb 2012	$	1,692.13
4/5/2012	Mar, Apr, May 2012	$	1,692.13
7/2/2012	June, July, Aug 2012	$	1,692.13
9/25/2012	Sept, Oct, Nov 2012	$	1,692.13
11/30/2012	Dec 12, Jan, Feb 2013	$	1,692.13
2/25/2013	Mar, Apr, May 2013	$	1,692.13
7/22/2013	June, July, Aug 2013	$	1,692.13
8/26/2013	Sept, Oct, Nov 2013	$	1,692.13
12/3/2013	Dec 13. Jan, Feb 2014	$	1,692.13
3/4/2014	Mar, Apr, May 2014	$	1,692.13
6/4/2014	June, July, Aug 2014	$	1,692.13
9/4/2014	Sept, Oct, Nov 2014	$	1,692.13
12/1/2014	Dec 14, Jan, Feb 2015	$	1,692.13
3/9/2015	Mar, Apr, May 2014	$	1,692.13
6/11/2015	June, July, Aug 2015	$	1,692.13
9/1/2015	Sept, Oct, Nov 2015	$	1,692.13
12/1/2015	Dec 15. Jan, Feb 2016	$	1,692.13
	Total	**$**	**61,978.16**

Solar Energy Professionals Association (SEPA) - (2015 and Forward particpation is through AMP at no additional charge)

Paid	Membership Fee	Amount	
3/19/2012	2012 Annual Membership	$	2,158.81
1/31/2013	2013 Annual Membership	$	2,158.80
1/27/2014	2014 Annual Membership	$	2,158.80
	Total	**$**	**6,476.41**

City of Dover
Electric Revenue Fund
FY16 - White Oak Solar Park Incremental Cost

	July	August	September	October	November	December	YTD	Original Budget
Power Supply & Generation								
Dover Sun Park - Energy	$ 241,720	$ 264,734	$ 204,656	$ 175,542	$ 107,183	$ 74,637	$ 1,068,472	$ 2,313,861
Dover Sun Park - REC's	43,325	42,602	30,249	26,003	15,920	-	158,100	363,381
Total Power Supply Cost	285,046	307,336	234,905	201,546	123,103	74,637	1,226,572	2,677,242
Non-Solar Power Supply Cost	(119,924)	(123,989)	(97,565)	(81,616)	(48,168)	(35,068)	(506,330)	(720,030)
Incremental Energy Cost	$ 165,122	$ 183,347	$ 137,340	$ 119,929	$ 74,935	$ 39,569	$ 720,242	$ 1,957,212
Revenues								
Customer Sales - Electricity	(8,419)	(8,580)	(7,472)	(7,473)	(7,799)	(7,621)	(47,364)	(93,900)
Rent Receipts	(15,177)	-	-	(15,177)	-	-	(30,354)	(93,700)
Total Revenues	(23,596)	(8,580)	(7,472)	(22,650)	(7,799)	(7,621)	(77,718)	(187,600)
Incremental Sun Park Cost	$ 141,526	$ 174,767	$ 129,868	$ 97,279	$ 67,136	$ 31,948	$ 642,524	$ 1,769,612
MWh Purchased/Generated - Solar	2,084.336	2,100.192	1,525.008	1,308.064	798.680	556.160	8,372.440	18,159.000
MWh $ Solar Energy	$ 115.97	$ 126.05	$ 134.20	$ 134.20	$ 134.20	$ 134.20	$ 127.62	$ 127.42
Solar REC's MWh	313.000	315.000	228.000	196.000	120.000	-	1,172.000	
MWh $ Solar REC (one month lag)*	138.42	135.24	132.67	132.67	132.67	-	134.90	
MWh $ Non-Solar Energy	$ 57.54	$ 59.04	$ 63.98	$ 62.39	$ 60.31	$ 63.05		

Note: Solar REC's are one month behind due to the time the invoice is received.

CITY OF DOVER PROPOSED ORDINANCE #2016-01
WITH STAFF AMENDMENT #1 (SA#1)
(Staff Amendment #1 indicated in green text)

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

That Chapter 18 - Animals, Section 18-1. - Definitions of the Dover Code be amended by inserting the following definition in its correct alphabetical order:

***Fowl* means any various domestic birds intended for keeping outdoors, by way of example but not limited to: Chickens, roosters, ducks, geese, turkeys, guinea fowl, emus, rheas, ostriches and pigeons.**

BE IT FURTHER ORDAINED:

That Appendix B - Zoning, Article 3 - District Regulations, Section 1 - One-family residence zones [(R-20, R-15, R-10, R-8 and R-7)], Subsection 1.1 - Uses permitted, Subsection 1.15 - Accessory uses, limited to the following:, paragraph (d) - Keeping domestic animals, of the Dover Code be amended by deleting the text indicated in red strikeout and inserting the bold, blue text, as follows:

1.15 Accessory uses, limited to the following:

(a) Professional office or studio of an artist, dentist, musician, teacher, or physician, but not including veterinarians, provided that:

i. Such office or studio is incidental to the residential use of the premises and is carried on by a resident thereon with not more than one nonresident assistant; and

ii. Such office or studio shall occupy not more than 30 percent of the area of one floor of the main building.

iii. Studios where dancing or music instruction is offered to groups in excess of four pupils at one time or where concerts or recitals are held are prohibited.

iv. Medical centers, barbershops, beauty parlors, real estate offices, funeral homes or similar uses shall not be considered permitted accessory uses.

(b) Garden house, tool house, playhouse, greenhouse or pool incidental to the residential use of the premises and not operated for gain.

(c) Private garage, provided that, in the case of a one-family dwelling, such garage shall have a capacity of not more than three passenger automobiles. One such space may be leased to a person not [a] resident on the premises.

(d) Keeping domestic animals (except pigs **and fowl**) for individual domestic purposes or as pets.~~,~~ ~~**provided not**~~ **No** more than three dogs over six months old **are permitted. Any fowl being kept as of March 15, 2016 must be relocated by** ~~**March 15, 2017**~~ **June 15, 2016.** ~~**and not more than 25 fowl shall be permitted, and no animals (except dogs) or fowl shall be penned or housed within 20 feet of any lot line**~~.

Draft

(e) (Reserved.)

(f) Dormitories accessory to schools, provided that such dormitories conform to the bulk regulations of the RG-1 zone. For purposes of computing bulk requirements, each four rooms shall be considered one dwelling unit. Parking shall be calculated as identified in Article 6-Off-Street Parking, Section 3-Required off-street parking spaces, Paragraph 3.1-Schedule of requirements.

(g) Customary home occupations, provided that:

i. No display of products, goods and/or signs shall be visible from the street.

ii. Such home occupation shall be incidental and secondary to the residential use of the premises and shall be conducted in the principal building by the resident or residents that reside therein.

iii. Nonresident assistants or co-workers shall be prohibited.

iv. Such home occupation shall not occupy more than 30 percent of the area of one floor in the principal building.

v. There shall be no exterior effect such as noise, traffic, odor, dust, smoke, gas, fumes, radiation, or electromagnetic interference.

BE IT FURTHER ORDAINED:

That Appendix B - Zoning, Article 12 - Definitions of the Dover Code be amended by inserting the following definition in its correct alphabetical order:

***Fowl* means any various domestic birds intended for keeping outdoors, by way of example but not limited to: Chickens, roosters, ducks, geese, turkeys, guinea fowl, emus, rheas, ostriches and pigeons.**

ADOPTED: *

S:\ORDINANCES\2016\DRAFT\ORDINANCE #2016-01 APDX B-ZONING, ART 3, SEC 1, SUBSEC 1.15 ACCESSORY USES (FOWL)\Proposed Ordinance #2016-01 with SA#1-Fowl-Reconsideration-LF&A 02-09-2016.wpd

SYNOPSIS

The proposed amendment would disallow the keeping of foul in one-family residence zones.

(SPONSORS: HARE, HUTCHISON, AND COLE)

Actions History

02/09/2016 - Scheduled for Reconsideration - Legislative, Finance, and Administration Committee
01/25/2016 - City Council Referred Back to Legislative, Finance, and Administration Committee
01/11/2016 - Introduced - Legislative, Finance, and Administration Committee

Draft

ACTION FORM

PROCEEDING: Legislative, Finance & Administration Committee	
DEPARTMENT OF ORIGIN: Finance	**DATE SUBMITTED: 01/28/2016**
PREPARED BY: Donna Mitchell, Controller/Treasurer	
SUBJECT: Proposed Budget Amendment for Fiscal Year 2016	
APPROVALS: City Council	
EXHIBITS: N/A	
EXPENDITURE REQUIRED:	**Total:**
AMOUNT BUDGETED: N/A	
TIMETABLE: Upon Council approval	
RECOMMENDED ACTION: Staff recommends approval of the proposed Budget Amendment for Fiscal Year 2016.	

The proposed budget amendment includes the adjustments to the Beginning Budget Balances for all funds now that the City's FY15 audit has been completed. It also includes any adjustments related to Council Actions to date on changes in project budgets or operating items that were not included in the original budget.

Financial Policy transfers of favorable carry forward balances are as follows –

- The General Fund includes a transfer to the Police Pension Fund of $106,500 and a transfer to the Civilian Pension Fund of $266,400, for a total of $372,900. The Water/Sewer Fund transfer of $248,400 to the Pension Fund is also included due to favorable personnel budget variances. A transfer from the Electric Fund of $408,200 for personnel savings is not included. *(See last bullet)*
- The General Capital Asset Reserve has been increased by $229,600 due to favorable revenue variances.
- The Electric Rate Stabilization Reserve has been increased by $394,800 due to favorable power supply cost.

Additional adjustments are as follows –

- Increases in the following revenue items based on greater than planned receipts Fines & Police Revenue, Investment Income, Business Licenses, Intrafund Services, Municipal Street Aid, and Transfer Taxes, totaling $915,300. Water/Wastewater Revenues lowered $102,200 based on current year to date trends.
- General Fund appropriation of $240,400 for the purchase of New Street properties. The asbestos removal and demolition cost has been adjusted for in the Inspections budget $56,500.
- Increases to Division budgets for vacation sell-back, retirement payout, and education assistance with a corresponding decrease to Other Employment Expenses across all applicable funds.
- Increase Police Department for FOP contract settlement $487,400 (covered by higher transfer taxes) along with $22,000 of expenses related to Police Donations received.
- Transferred 2010 Bond Reserve balance of $2,108,000 to the Electric Improvement & Ext. Fund.
- Adjustments to Pension & OPEB transfers as per the Actuary reports as presented to City Council on September 10, 2015. The Electric Fund experienced a budget decrease totaling $2,054,800 million attributed to the Actuary results.

CITY OF DOVER ORDINANCE # 2016-07
2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:
The amount hereinafter named aggregating Forty Seven Million Sixty Two Thousand Eight Hundred dollars ($47,062,800) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

GENERAL FUND
CASH RECEIPT SUMMARY FOR 2015-2016

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 3,977,500**	**$ 4,820,400**
RECEIPTS		
FINES AND POLICE REVENUE	702,300	724,300
INVESTMENT INCOME	35,000	105,200
LIBRARY REVENUES	72,000	72,000
KENT COUNTY BOOK REIMBURSEMENT	450,000	450,000
BUSINESS LICENSES	1,425,000	1,459,000
PERMITS AND OTHER FEES	1,436,300	1,436,300
MISCELLANEOUS CHARGES	22,700	22,700
POLICE EXTRA DUTY	533,000	533,000
PROPERTY TAXES	12,844,500	12,844,500
BID REVENUE	49,700	49,700
RECREATION REVENUE	149,000	149,000
FRANCHISE FEE	672,300	672,300
SANITATION FEES	2,580,000	2,580,000
RENT REVENUE - GARRISON FARM	93,700	93,700
COURT OF CHANCERY FEES	1,065,100	1,065,100
RECEIPTS SUBTOTAL	**22,130,600**	**22,256,800**
INTERFUND SERVICE RECEIPTS		
INTRAFUND SERVICE RECEIPTS W/WW	1,492,700	1,501,800
INTRAFUND SERVICE RECEIPTS ELECTRIC	3,738,500	3,763,500
INTERFUND SERVICE RECEIPTS SUBTOTAL	**5,231,200**	**5,265,300**
GRANTS:		
POLICE RELATED/EXTRA DUTY	74,400	74,400
POLICE PENSION GRANT	500,000	500,000
GREEN ENERGY GRANT	98,500	98,500
MISC GRANT REVENUE	25,000	25,000
VERIZON RESERVE	50,000	50,000
GRANTS SUBTOTAL	**747,900**	**747,900**
TRANSFERS FROM:		
TRANSFER TAX	1,340,000	1,986,100
MUNICIPAL STREET AID	564,200	673,100
CIVIL TRAFFIC PENALTIES	450,000	450,000
WATER/WASTEWATER	850,000	850,000
ELECTRIC	10,000,000	10,000,000
OTHER RESERVES	13,200	13,200
TRANSFERS FROM SUBTOTAL	**13,217,400**	**13,972,400**
TOTAL REVENUES	**41,327,100**	**42,242,400**
TOTAL BEGINNING BALANCE & REVENUE	**$ 45,304,600**	**$ 47,062,800**

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT (CONTINUED)

GENERAL FUND - EXPENDITURES AND BUDGET BALANCE FOR 2015-2016

DEPARTMENT EXPENSES	2015/16 BUDGET	2015/16 REVISED
CITY CLERK	$ 383,400	$ 387,200
COUNCIL	118,100	118,100
TAX ASSESSOR	234,800	238,200
FIRE	745,400	745,400
GROUNDS MAINTENANCE	1,210,300	1,212,000
LIBRARY	1,510,000	1,516,000
RECREATION	729,500	735,700
LIFE SAFETY	482,200	483,000
CODE ENFORCEMENT	419,400	421,800
PLANNING	534,000	539,800
INSPECTIONS	664,700	724,400
ECONOMIC DEVELOPMENT	238,000	238,000
POLICE	15,159,000	15,882,400
POLICE EXTRA DUTY	602,400	602,400
STREETS	674,500	675,400
SANITATION	2,157,900	2,176,600
CITY MANAGER	750,300	756,800
INFORMATION TECHNOLOGY	704,800	711,900
FINANCE	978,500	989,100
PUBLIC WORKS - ADMINISTRATION	626,800	630,000
FACILITIES MANAGEMENT	707,500	719,700
PUBLIC WORKS - ENGINEERING	181,400	181,400
PROCUREMENT & INVENTORY	560,200	565,000
FLEET MAINTENANCE	768,500	768,500
CUSTOMER SERVICE	1,120,100	1,136,800
HUMAN RESOURCES	383,900	390,700
MAYOR	76,100	76,100
DEPARTMENT SUBTOTALS	**32,721,700**	**33,622,400**
OTHER EXPENSES		
DEBT SERVICE	660,800	669,400
CONTRIBUTION TO DDP	70,000	70,000
MISCELLANEOUS GRANT RELATED EXP	25,000	25,000
INSURANCE	690,000	690,000
RETIREES HEALTH CARE	1,895,600	1,567,700
OTHER EMPLOYMENT EXPENSES	520,100	197,200
BANK & CREDIT CARD FEES	15,000	17,400
UNCOLLECTIBLES - TRASH AND OTHER	50,000	50,000
STREET LIGHTS	797,700	797,700
NEW STREET PROPERTIES ACQUISITIONS	-	240,400
OTHER EXPENSE SUBTOTAL	**4,724,200**	**4,324,800**
TRANSFERS		
TRANSFER TO CAPITAL FUND - PROJECTS	2,625,400	2,625,400
TRANSFER TO CAPITAL ASSET RESERVE	-	229,600
APPROP. TO THE GENERAL EMPLOYEE PENSION FUND	-	594,300
APPROP. TO THE POLICE PENSION FUND	570,000	676,500
APPROP. POLICE PENSION - STATE GRANT	500,000	500,000
TRANSFER TO VERIZON RESERVE	50,000	50,000
TRANSFER TO INVENTORY WRITE-OFFS	10,000	10,000
TRANSFERS SUBTOTAL	**3,755,400**	**4,685,800**
TOTAL EXPENDITURES	**41,201,300**	**42,633,000**
CURRENT YEAR BALANCE	**4,103,300**	**4,429,800**
TOTALS	**$ 45,304,600**	**$ 47,062,800**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

GOVERNMENTAL CAPITAL PROJECTS FUND
REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Five Million Six Hundred Eighty Nine Thousand Five Hundred dollars ($5,689,500)or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

REVENUES

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE - PROJECTS	**$ 154,800**	**$ 2,926,700**
REVENUES		
INCOME FROM SALE OF ASSETS	20,300	51,900
GRANT RECEIPTS	-	80,500
INTEREST EARNINGS	5,000	5,000
TRANSFER FROM GENERAL FUND	2,625,400	2,625,400
SUBTOTAL PROJECT RECEIPTS	**2,650,700**	**2,762,800**
TOTAL FUNDING SOURCES	**2,650,700**	**2,762,800**
TOTAL BEGINNING BALANCE AND REVENUES	**$ 2,805,500**	**$ 5,689,500**

EXPENSE SUMMARY

EXPENDITURES	2015/16 BUDGET	2015/16 REVISED
FIRE	$ 145,600	$ 445,800
GROUNDS MAINTENANCE	201,100	188,800
LIFE SAFETY	55,700	55,700
POLICE	262,100	302,700
RECREATION	-	73,900
STREETS	1,428,500	3,656,700
SANITATION	449,000	449,000
CITY MANAGER	24,700	24,700
FLEET MAINTENANCE	84,000	84,500
BANK FEES	-	1,300
DEPARTMENT SUBTOTAL	**2,650,700**	**5,283,100**
TOTAL EXPENDITURES	**2,650,700**	**5,283,100**
BUDGET BALANCE	154,800	406,400
TOTAL BUDGET BALANCE & EXPENDITURES	**$ 2,805,500**	**$ 5,689,500**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

GENERAL FUND CONTINGENCY
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Seven Hundred Twenty One Thousand Four Hundred dollars ($721,400) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 719,200**	**$ 720,300**
INTEREST EARNED	1,100	1,100
TOTALS	**$ 720,300**	**$ 721,400**

EXPENSE SUMMARY

	2015/16 BUDGET	2015/16 REVISED
CARRY FORWARD TO NEXT YEAR	720,300	721,400
TOTALS	**$ 720,300**	**$ 721,400**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

GENERAL CAPITAL ASSET RESERVE
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating One Million One Hundred Forty Seven Thousand Two Hundred dollars ($1,147,200) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 914,000**	**$ 915,100**
RECEIPTS		
INTEREST EARNINGS	2,500	2,500
TRANSFER FROM GENERAL FUND	-	229,600
TOTAL RECEIPTS	**2,500**	**232,100**
TOTALS	**$ 916,500**	**$ 1,147,200**

EXPENSE SUMMARY

	2015/16 BUDGET	2015/16 REVISED
CARRY FORWARD TO NEXT YEAR	$ 916,500	$ 1,147,200
TOTALS	**$ 916,500**	**$ 1,147,200**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

PARKLAND/RECREATION RESERVE
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Three Hundred Twenty One Thousand Eight Hundred Dollars ($321,800) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

OPERATING REVENUES

	2015/16 BUDGET	2015/16 REVISED
PRIOR YEAR BALANCE	$ 295,700	$ 320,800
INTEREST INCOME	1,000	1,000
TOTALS	**$ 296,700**	**$ 321,800**

OPERATING EXPENSES

	2015/16 BUDGET	2015/16 REVISED
CURRENT YEAR BALANCE	296,700	321,800
TOTALS	**$ 296,700**	**$ 321,800**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

WATER/WASTEWATER FUND
REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Seventeen Million Eighty Eight Thousand One Hundred dollars ($17,088,100) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE - WATER	$ 861,600	$ 1,305,700
BEGINNING BALANCE - WASTEWATER	293,400	156,900
TOTAL BEGINNING BALANCES	**1,155,000**	**1,462,600**
BASE REVENUE		
WATER SERVICES	6,200,000	5,676,000
WASTEWATER SERVICES	3,728,000	3,944,000
WASTEWATER TREATMENT SERVICES	3,026,500	3,108,000
GROUNDWATER INFLOW ADJUSTMENT	1,864,300	1,988,600
WATER TANK SPACE LEASING	341,900	341,900
SEWER IMPACT FEES	250,000	250,000
WATER IMPACT FEES	250,000	250,000
INTEREST - WATER	1,000	1,000
INTEREST - WASTEWATER	2,000	2,000
MISCELLANEOUS SERVICE FEE	64,000	64,000
TOTAL REVENUES	**15,727,700**	**15,625,500**
TOTAL BEGINNING BALANCES AND REVENUES	**$ 16,882,700**	**$ 17,088,100**

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT
WATER/WASTEWATER FUND - EXPENSES AND BUDGET BALANCE FOR 2015-2016

	2015/16 BUDGET	2015/16 REVISED
DIRECT EXPENSES		
ENGINEERING & INSPECTION	$ 517,500	$ 521,500
WATER DEPARTMENT	673,300	678,100
WATER TREATMENT PLANT	1,910,000	1,918,100
WASTEWATER DEPARTMENT	968,600	968,600
DIRECT EXPENDITURE SUBTOTAL	**4,069,400**	**4,086,300**
OTHER EXPENSES		
DEBT SERVICE - WATER	545,200	521,100
DEBT SERVICE - WASTEWATER	586,900	611,300
RETIREES HEALTH CARE	178,600	60,200
OTHER EMPLOYMENT EXPENSES	20,000	3,100
KENT COUNTY TREATMENT CHARGE	4,130,000	4,130,000
INTRAFUND SERVICE FEES	1,492,700	1,501,800
BANK & CREDIT CARD FEES	46,200	46,200
OTHER EXPENSES SUBTOTAL	**6,999,600**	**6,873,700**
TRANSFER TO:		
GENERAL FUND FROM WATER	550,000	550,000
GENERAL FUND FROM WASTEWATER	300,000	300,000
WATER IMP AND EXT	1,800,000	1,800,000
WASTEWATER IMP AND EXT	1,500,000	1,500,000
CONTINGENCY RESERVE WATER	32,000	32,000
TRANSFER TO THE GENERAL EMPLOYEES PENSION FUND	-	248,400
TRANSFER TO SUBTOTAL	**4,182,000**	**4,430,400**
TOTAL EXPENSES	**15,251,000**	**15,390,400**
BUDGET BALANCES		
BUDGET BALANCE WATER	1,048,600	916,800
BUDGET BALANCE WASTEWATER	583,100	780,900
BUDGET BALANCE SUBTOTALS	**1,631,700**	**1,697,700**
TOTAL CURRENT YEAR BALANCES AND EXPENSES	**$ 16,882,700**	**$ 17,088,100**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

WATER/WASTEWATER IMPROVEMENT & EXTENSION FUND
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Thirteen Million One Hundred Fifty Eight Thousand Six Hundred dollars ($13,158,600) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year begining July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE - WATER	$ 833,500	$ 4,990,300
BEGINNING BALANCE - WASTEWATER	1,027,600	4,551,700
TOTAL BEGINNING BALANCES	**1,861,100**	**9,542,000**
REVENUES		
TRANS FR OPERATING FUND - WATER	1,800,000	1,800,000
TRANS FR OPERATING FUND - WASTEWATER	1,500,000	1,500,000
TRANSFER FR WASTEWATER IMPACT FEE	165,000	165,000
INTEREST INCOME	25,000	69,900
GRANT RECEIPTS	-	20,300
MISCELLANEOUS RECEIPTS	-	61,400
TOTAL REVENUES	3,490,000	3,616,600
TOTAL BEGINNING BALANCES & REVENUES	**$ 5,351,100**	**$ 13,158,600**

EXPENSE SUMMARY

EXPENSES	2015/16 BUDGET	2015/16 REVISED
WATER	$ 2,028,600	$ 5,442,600
WASTEWATER	1,822,100	5,299,100
WATER TREATMENT PLANT	-	284,400
BANK FEES	-	7,500
TOTAL EXPENSES	3,850,700	11,033,600
BUDGET BALANCE - WATER	617,400	1,176,200
BUDGET BALANCE - WASTEWATER	883,000	948,800
CURRENT YEAR BALANCE SUBTOTALS	1,500,400	2,125,000
TOTAL BUDGET BALANCES & EXPENSES	**$ 5,351,100**	**$ 13,158,600**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

WATER/WASTEWATER CAPITAL ASSET RESERVE
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating One Million Twenty Eight Thousand dollars ($1,028,000) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE - WATER	$ 514,600	$ 510,700
BEGINNING BALANCE - WASTEWATER	511,300	509,500
TOTAL BEGINNING BALANCES	**1,025,900**	**1,020,200**
RECEIPTS		
INTEREST EARNINGS - WATER	3,900	3,900
INTEREST EARNINGS - WASTEWATER	3,900	3,900
TOTAL RECEIPTS	7,800	7,800
TOTALS	**$ 1,033,700**	**$ 1,028,000**

EXPENSE SUMMARY

	2015/16 BUDGET	2015/16 REVISED
CURRENT YEAR BALANCE - WATER	$ 518,500	$ 514,600
CURRENT YEAR BALANCE - WASTEWATER	515,200	513,400
CURRENT YEAR BALANCE SUBTOTALS	**1,033,700**	**1,028,000**
TOTALS	**$ 1,033,700**	**$ 1,028,000**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

WATER/WASTEWATER IMPACT FEE RESERVE
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Two Million One Hundred Eighty Two Thousand Eight Hundred dollars ($2,182,800) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE - WATER	$ 200,500	$ 427,500
BEGINNING BALANCE - WASTEWATER	1,463,400	1,742,700
TOTAL BEGINNING BALANCES	**1,663,900**	**2,170,200**
RECEIPTS		
INTEREST EARNINGS - WATER	1,500	1,500
INTEREST EARNINGS - WASTEWATER	11,100	11,100
TOTAL RECEIPTS	**12,600**	**12,600**
TOTALS	**$ 1,676,500**	**$ 2,182,800**

EXPENSE SUMMARY

	2015/16 BUDGET	2015/16 REVISED
TRANSFER TO I & E FUND FROM WASTEWATER IMPACT FEES	$ 165,000	$ 165,000
CURRENT YEAR BALANCE - WATER	202,000	429,000
CURRENT YEAR BALANCE - WASTEWATER	1,309,500	1,588,800
CURRENT YEAR BALANCE SUBTOTALS	**1,511,500**	**2,017,800**
TOTALS	**$ 1,676,500**	**$ 2,182,800**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

WATER/WASTEWATER CONTINGENCY RESERVE
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Three Hundred Twenty Nine Thousand Six Hundred dollars ($329,600) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE - WATER	$ 104,900	$ 105,200
BEGINNING BALANCE - WASTEWATER	189,700	190,200
TOTAL BEGINNING BALANCES	**294,600**	**295,400**
RECEIPTS		
INTEREST EARNINGS	2,200	2,200
TRANSFER FROM OPERATING ACCOUNT TO WATER	32,000	32,000
TOTAL RECEIPTS	**34,200**	**34,200**
TOTALS	**$ 328,800**	**$ 329,600**

BUDGET SUMMARY

	2015/16 BUDGET	2015/16 REVISED
CURRENT YEAR BALANCE - WATER	137,700	138,300
CURRENT YEAR BALANCE - WASTEWATER	191,100	191,300
CURRENT YEAR BALANCE SUBTOTALS	**328,800**	**329,600**
TOTAL EXPENSES AND CURRENT YEAR BALANCES	**$ 328,800**	**$ 329,600**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

ELECTRIC REVENUE FUND
REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Ninety One Million Six Hundred Fifty Three Thousand Two hundred dollars ($91,653,200) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 6,177,600**	**$ 8,117,200**
BASE REVENUE		
DIRECT SALES TO CUSTOMER	78,279,200	78,279,200
UTILITY TAX	1,281,100	1,281,100
MISCELLANEOUS REVENUE	597,200	597,200
RENT REVENUE	202,600	202,600
GREEN ENERGY	128,000	128,000
INTEREST EARNINGS	47,900	47,900
TRANSFER FROM RATE STABILIZATION	3,000,000	3,000,000
TOTAL REVENUES	**83,536,000**	**83,536,000**
TOTAL BEGINNING BALANCE & REVENUES	**89,713,600**	**91,653,200**

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT
ELECTRIC REVENUE FUND EXPENSES AND BUDGET BALANCE FOR 2015-2016

EXPENSES	2015/16 BUDGET	2015/16 REVISED
POWER SUPPLY	$ 23,402,600	$ 23,402,600
SOLAR ENERGY	2,313,900	2,313,900
SOLAR RENEWAL ENERGY CREDITS	363,400	363,400
POWER SUPPLY MANAGEMENT	996,000	996,000
REC'S (Renewable Energy Credits)	673,400	673,400
RGGI (Regional Greenhouse Gas Init.)	175,000	175,000
PJM CHARGES - ENERGY	7,966,100	7,966,100
PJM CHARGES - TRANSMISSION & FEES	7,932,500	7,932,500
CAPACITY CHARGES	10,225,100	10,225,100
SUB-TOTAL POWER SUPPLY	**54,048,000**	**54,048,000**
PLANT OPERATIONS	6,434,600	6,382,900
GENERATIONS FUELS	1,167,300	1,167,300
PJM SPOT MARKET ENERGY	(1,708,300)	(1,708,300)
PJM CREDITS	(360,000)	(360,000)
CAPACITY CREDITS	(10,472,100)	(10,472,100)
GENERATION SUBTOTAL	**(4,938,500)**	**(4,990,200)**
POWER SUPPLY & GENERATION SUBTOTAL	**49,109,500**	**49,057,800**
DIRECT EXPENDITURES		
TRANSMISSION/DISTRIBUTION	4,068,600	3,705,300
ELECTRICAL ENGINEERING	1,335,800	1,279,300
ADMINISTRATION	839,300	877,200
METER READING	360,500	334,200
SYSTEMS OPERATIONS	679,800	626,700
DIRECT EXPENDITURE SUBTOTALS	**7,284,000**	**6,822,700**
OTHER EXPENSES:		
UTILITY TAX	1,281,100	1,281,100
ALLOW FOR UNCOLLECTIBLES	200,000	200,000
RETIREES HEALTH CARE	537,800	57,700
OTHER EMPLOYMENT EXPENSES	72,000	40,300
OPEB UNFUNDED LIABILITY	1,030,000	-
GREEN ENERGY PAYMENT TO DEMEC	128,000	128,000
INTRAFUND SERVICE FEES	3,738,500	3,763,500
INTEREST ON DEPOSITS	20,500	20,500
BANK & CREDIT CARD FEES	242,300	274,000
DEBT SERVICE	3,402,000	3,342,800
OTHER EXPENSES SUBTOTAL	**10,652,200**	**9,107,900**
TRANSFER TO:		
IMPROVEMENT & EXTENSION	3,500,000	3,500,000
GENERAL FUND	10,000,000	10,000,000
TRANSFER INSURANCE RESERVE	10,000	10,000
TRANSFER CONTINGENCY RESERVE	13,000	13,000
TRANSFER RATE STABILIZATION RESERVE	-	394,800
TRANSFER TO SUBTOTAL	**13,523,000**	**13,917,800**
TOTAL EXPENSES	**80,568,700**	**78,906,200**
BUDGET BALANCE - WORKING CAPITAL	**9,144,900**	**12,747,000**
TOTALS	**$ 89,713,600**	**$ 91,653,200**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

ELECTRIC UTILITY IMPROVEMENT AND EXTENSION FUND
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Fourteen Million Six Hundred Sixty One Thousand Two Hundred dollars ($14,661,200) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

REVENUES

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 3,623,600**	**$ 7,095,300**
REVENUES		
TRANSFER FROM ELECTRIC	3,500,000	3,500,000
TRANSFER FROM 2010 BOND RESERVE	-	2,108,000
GENERAL SERVICE BILLING	1,900,000	1,900,000
INTEREST EARNINGS	26,700	57,900
TOTAL REVENUES	**5,426,700**	**7,565,900**
TOTALS	**$ 9,050,300**	**$ 14,661,200**

EXPENSE SUMMARY

EXPENSES	2015/16 BUDGET	2015/16 REVISED
ELECTRIC GENERATION	$ 1,655,000	$ 2,299,800
TRANSMISSION AND DISTRIBUTION	2,887,600	3,602,900
ELECTRICAL ENGINEERING	1,724,300	3,401,700
METER READING	-	23,000
BANK FEES	-	22,300
TOTAL EXPENSES	**6,266,900**	**9,349,700**
BUDGET BALANCE	**2,783,400**	**5,311,500**
TOTAL BUDGET BALANCE & EXPENSES	**$ 9,050,300**	**$ 14,661,200**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

ELECTRIC UTILITY CONTINGENCY RESERVE
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Eight Hundred Fourty Two Thousand dollars ($842,000) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 825,300**	**$ 822,700**
RECEIPTS		
INTEREST EARNINGS	6,300	6,300
TRANSFER FROM ELECTRIC FUND	13,000	13,000
TOTAL RECEIPTS	**19,300**	**19,300**
TOTALS	**$ 844,600**	**$ 842,000**

EXPENSE SUMMARY

	2015/16 BUDGET	2015/16 REVISED
CURRENT YEAR BALANCE	844,600	842,000
TOTALS	**$ 844,600**	**$ 842,000**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

ELECTRIC UTILITY DEPRECIATION RESERVE
SOURCES AND USE OF FUNDS FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Ten Million Thirty Three Thousand Eight Hundred dollars dollars ($10,033,800) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 9,990,500**	**$ 9,957,900**
INTEREST EARNINGS	75,900	75,900
TOTALS	**$ 10,066,400**	**$ 10,033,800**

BUDGET SUMMARY

	2015/16 BUDGET	2015/16 REVISED
CURRENT YEAR BALANCE	10,066,400	10,033,800
TOTALS	**$ 10,066,400**	**$ 10,033,800**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

ELECTRIC UTILITY FUTURE CAPACITY RESERVE
SOURCES AND USE OF FUNDS FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Ten Million One Hundred Eighty Five Thousand dollars ($10,185,000) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 10,140,900**	**$ 10,107,900**
INTEREST EARNINGS	77,100	77,100
TOTALS	**$ 10,218,000**	**$ 10,185,000**

BUDGET SUMMARY

	2015/16 BUDGET	2015/16 REVISED
CURRENT YEAR BALANCE	10,218,000	10,185,000
TOTALS	**$ 10,218,000**	**$ 10,185,000**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

ELECTRIC UTILITY INSURANCE STABLIZATION RESERVE
SOURCES AND USE OF FUNDS FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Seven Hundred Fifty Six Thousand Two Hundred dollars ($756,200) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 743,100**	**$ 740,600**
INTEREST EARNINGS	5,600	5,600
TRANSFER FROM ELECTRIC FUND	10,000	10,000
TOTALS	**$ 758,700**	**$ 756,200**

BUDGET SUMMARY

	2015/16 BUDGET	2015/16 REVISED
CURRENT YEAR BALANCE	758,700	756,200
TOTALS	**$ 758,700**	**$ 756,200**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

ELECTRIC UTILITY RATE STABLIZATION RESERVE
SOURCES AND USE OF FUNDS FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Seven Million Nine Hundred Fifty Seven Thousand Five Hundred dollars ($7,957,500) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 7,545,300**	**$ 7,505,400**
INTEREST EARNINGS	57,300	57,300
TRANSFER FROM ELECTRIC OPERATING FUND	-	394,800
TOTALS	**$ 7,602,600**	**$ 7,957,500**

BUDGET SUMMARY

	2015/16 BUDGET	2015/16 REVISED
TRANSFER TO ELECTRIC FUND	$ 3,000,000	$ 3,000,000
CURRENT YEAR BALANCE	4,602,600	4,957,500
TOTALS	**$ 7,602,600**	**$ 7,957,500**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

MUNICIPAL STREET AID FUND
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Six Hundred Seventy Three Thousand Two Hundred dollars ($673,200) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

CASH RECEIPTS

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 100**	**$ 100**
STATE GRANT	564,200	673,100
TOTALS	**564,300**	**673,200**

BUDGET SUMMARY

	2015/16 BUDGET	2015/16 REVISED
TRANSFER TO GENERAL FUND	564,200	673,100
CURRENT YEAR BALANCE	100	100
TOTALS	**$ 564,300**	**$ 673,200**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

WORKERS COMPENSATION FUND
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating One Million Nine Hundred One Thousand Three Hundred dollars ($1,901,300) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

OPERATING REVENUES

	2015/16 BUDGET	2015/16 REVISED
BEGINNING BALANCE	**$ 1,052,600**	**$ 1,248,200**
INTEREST INCOME	10,600	10,600
PREMIUM FROM CITY	642,500	642,500
TOTALS	**$ 1,705,700**	**$ 1,901,300**

OPERATING EXPENSES

	2015/16 BUDGET	2015/16 REVISED
PROGRAM EXPENSES/SUPPLIES - CLAIMS	$ 475,000	$ 475,000
INSURANCE	103,900	103,900
BANK FEES	1,300	1,300
STATE OF DEL - SELF INSURANCE TAX	37,000	37,000
CONTRACTUAL SERVICES	25,000	25,000
TOTAL EXPENSES	**642,200**	**642,200**
CURRENT YEAR BALANCE	1,063,500	1,259,100
TOTALS	**$ 1,705,700**	**$ 1,901,300**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

COMMUNITY TRANSPORTATION IMPROVEMENT FUND
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Seven Hundred Forty Seven Thousand Two Hundred dollars ($747,200) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

OPERATING REVENUES

	2015/16 BUDGET	2015/16 REVISED
PRIOR YEAR BALANCE	**$ 144,000**	**$ 57,800**
GRANTS REVENUE	500,000	688,900
INTEREST INCOME	500	500
TOTALS	**$ 644,500**	**$ 747,200**

OPERATING EXPENSES

	2015/16 BUDGET	2015/16 REVISED
PROGRAM EXP. GRANT RELATED	$ 644,000	$ 655,100
CURRENT YEAR BALANCE	500	92,100
TOTALS	**$ 644,500**	**$ 747,200**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

LIBRARY GRANT FUND
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Three Hundred Thirty Eight Thousand Six Hundred dollars ($338,600) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

OPERATING REVENUES

	2015/16 BUDGET	2015/16 REVISED
PRIOR YEAR BALANCE	**$ 17,300**	**$ 30,600**
STATE GRANT	278,900	305,500
FEDERAL GRANT	2,500	2,500
TOTALS	**$ 298,700**	**$ 338,600**

OPERATING EXPENSES

	2015/16 BUDGET	2015/16 REVISED
STATE GRANTS		
FURNITURE/FIXTURES	$ 3,100	$ 7,000
OFFICE SUPPLIES	24,000	30,800
PRINTING AND DUPLICATING	13,200	12,500
PROGRAM EXPENSES/SUPPLIES	24,100	27,500
BOOKS	129,200	133,300
AUDIO VISUAL SUPPLIES	75,100	77,200
POSTAGE	100	100
TRAINING/CONF/FOOD/TRAV	2,000	8,800
CONTRACTUAL SERVICES	900	-
OFF EQP/REPAIRS & MAINT	6,000	6,300
OTHER EQUIP - LEASE	1,200	2,000
SUBTOTAL EXPENSES STATE GRANTS	**278,900**	**305,500**
FEDERAL GRANTS		
PROGRAM EXPENSES/SUPPLIES	2,500	2,500
SUBTOTAL EXPENSES FEDERAL GRANTS	**2,500**	**2,500**
GRAND TOTAL EXPENSES	**281,400**	**308,000**
CURRENT YEAR BALANCE	17,300	30,600
TOTALS	**$ 298,700**	**$ 338,600**

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

POLICE GRANTS FUND
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating Six Hundred Eighty Two Thousand Two Hundred dollars ($682,200) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

OPERATING REVENUES

	2015/16 BUDGET	2015/16 REVISED
PRIOR YEAR BALANCE	**$ 125,000**	**$ 154,900**
STATE AND FEDERAL GRANTS RECEIVED	527,300	527,300
TOTALS	**652,300**	**682,200**

OPERATING EXPENSES

	2015/16 BUDGET	2015/16 REVISED
EXPENDITURES		
PERSONNEL EXPENDITURES		
CADET PROGRAM SALARIES	71,400	71,400
CADET PROGRAM FICA	5,400	5,400
CADET PROGRAM W/COMP	3,500	3,500
MATERIALS AND SUPPLIES		
POLICE EQUIPT & PROG SUPP	410,600	379,600
TECHNOLOGY EQUIPMENT	20,000	20,000
ADMINISTRATIVE EXPENDITURES		
CELL PHONE CHARGES	15,000	15,000
TRAINING	17,000	45,000
AUDIT FEES	1,000	1,000
CONTRACTUAL SERVICES	-	3,000
TOTAL EXPENDITURES	**543,900**	**543,900**
OTHER FINANCING USES		
OPERATING TRANSFERS-OUT	74,400	74,400
TOTAL FINANCING USES	**74,400**	**74,400**
CURRENT YEAR BALANCE	34,000	63,900
TOTALS	**$ 652,300**	**$ 682,200**

The above budget represents the combination of all State & Federal Grants.

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:

2015-2016 BUDGET ORDINANCES - SECOND AMENDMENT

SUBSTANCE ABUSE GRANTS FUND
CASH RECEIPTS/REVENUES AND BUDGET FOR 2015-2016

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF DOVER, IN COUNCIL MET:

The amount hereinafter named aggregating One Hundred Fifty Nine Thousand Two Hundred dollars ($159,200) or so much thereof as may be necessary are hereby appropriated from current revenues and other funds for the use by several departments of the Municipal Government for the fiscal year beginning July 1, 2015 and ending June 30, 2016:

OPERATING REVENUES

	2015/16 BUDGET	2015/16 REVISED
PRIOR YEAR BALANCE	**$ 41,000**	**$ 98,200**
STATE GRANTS RECEIVED	55,700	28,000
RECREATION REVENUE	33,000	33,000
TOTALS	**129,700**	**159,200**

OPERATING EXPENSES

	2015/16 BUDGET	2015/16 REVISED
EXPENDITURES		
TEMPORARY HELP/BENEFITS	71,400	71,400
PROGRAM EXPENSES/SUPPLIES	5,400	5,400
TOTAL EXPENDITURES	**76,800**	**76,800**
CURRENT YEAR BALANCE	52,900	82,400
TOTALS	**$ 129,700**	**$ 159,200**

The above budget represents the combination of all State & Federal Grants.

The City Manager is hereby authorized, without further approval of the City Council, to make interdepartmental transfers of up to five percent of the amount hereinafter appropriated to any department with the exception of any transfers prohibited by City Procedure #F306.

ADOPTED:



YOUR PARTNER

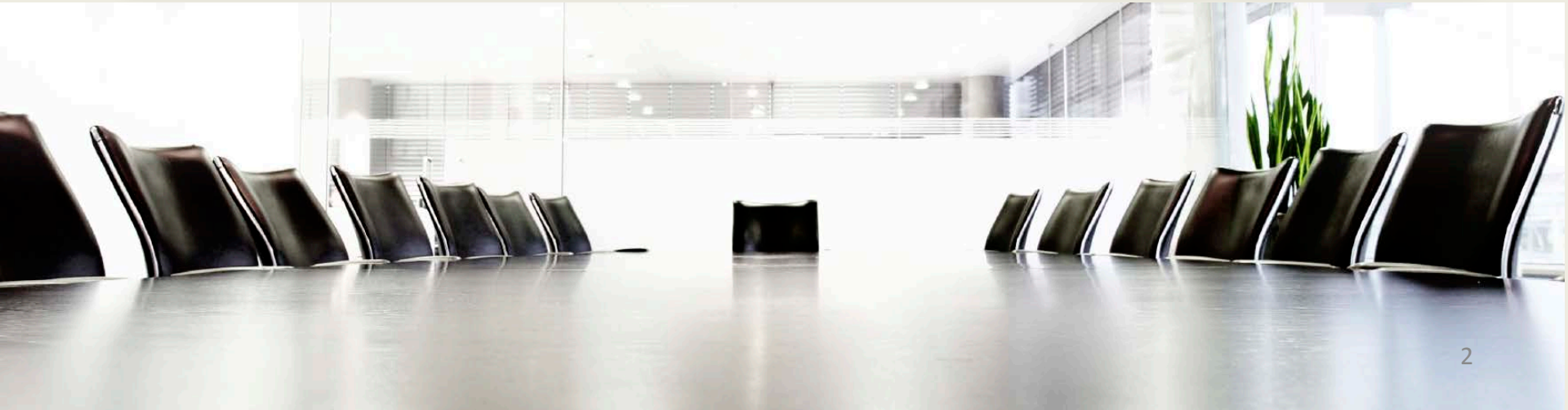
Presentation to the Dover City Council
February 9, 2016

SB & COMPANY, LLC
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Introductions

SB & Company, LLC

- William Seymour, Audit Partner
- Gray Smith, Concurring Partner
- Sisilia Mo, Engagement Manager



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Scope of Services

- Audit of June 30, 2015, financial statements
- Review of the Comprehensive Annual Financial Report
- Available for year-round consultation

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Summary of the Results

- Issued an unmodified opinion on the financial statements
- Discovered no instances of fraud
- Discovered no material weakness in internal controls
- Received full cooperation from management
- Results

	2015 *	2014	2013
Increase (Decrease) in Net Position	**$ 9.303**	$ (1,686)	$ 10,335
Net Position	**$ 191,144**	$ 218,102	$ 219.788

- No material audit journal entries purposed or made

*- beginning balance was restated by $36,261,000 as a result of implementation of GASB 68

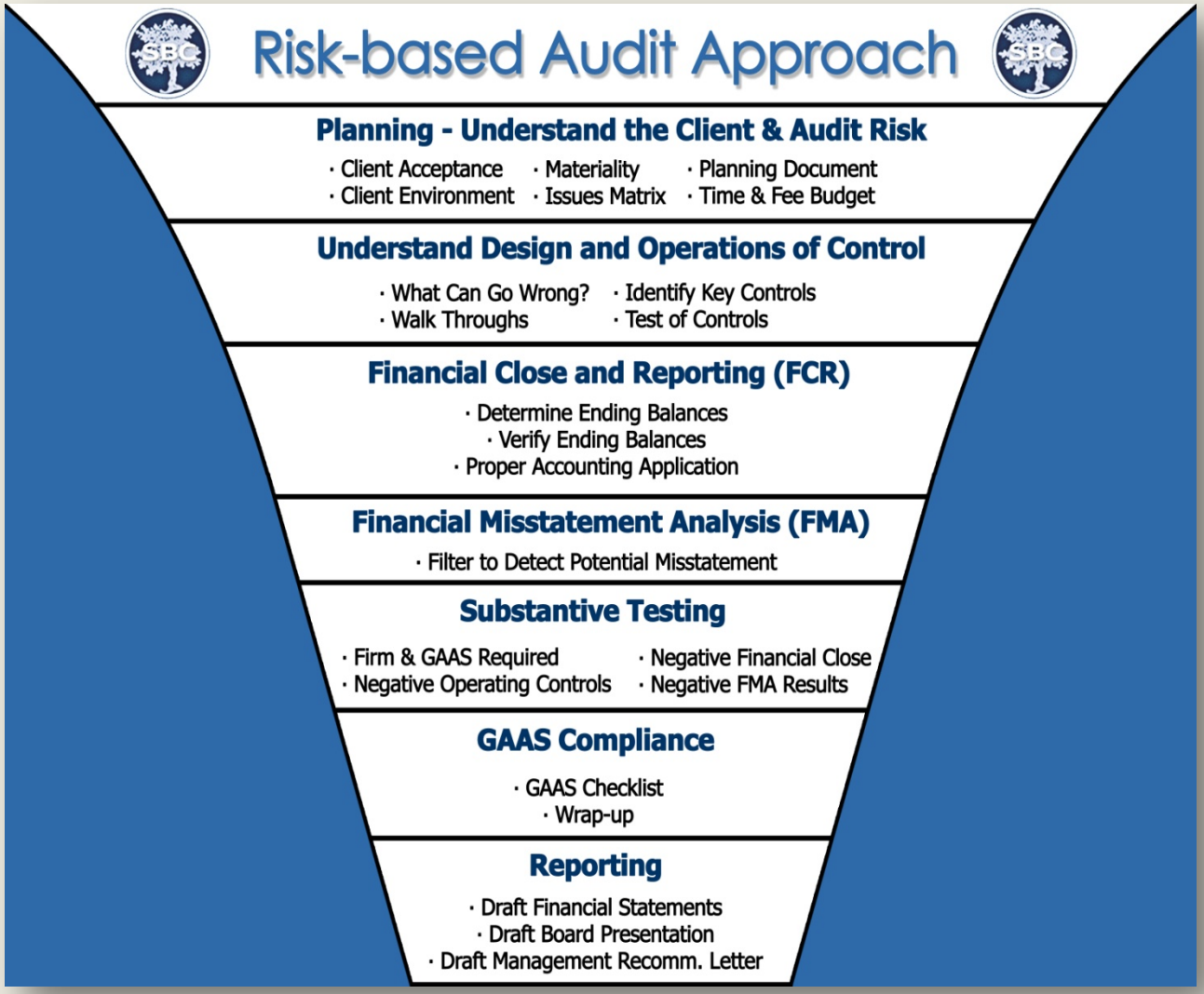
- GASB 74/75- Accounting for OPEB, will required an additional liability to be recorded. Current calculation is approximately $32.5 million

AUDIT PROCESS

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FORCAM Audit Approach

"Focus on Risk, Controls and Misstatement"



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Significant Risk Areas

Significant Risk Areas

- Cash reconciliations
- Investment valuation
- Collectability of accounts and grants receivable
- Accounts payable
- Revenue recognition
- Deferred revenue
- Actuarial assumptions

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Assessment of Control Environment

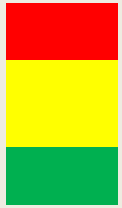
Area	Points to Consider	Our Assessment
Control Environment	▪ Key executive integrity, ethics and behavior ▪ Control consciousness and operating style ▪ Commitment to competence ▪ Exercise oversight responsibility ▪ Organizational structure, responsibility, and authority ▪ Enforce accountability ▪ HR policies and procedures	
Risk Assessment	▪ Define objectives and risk tolerances ▪ Identify, analyze, and respond to risk ▪ Assess fraud risk ▪ Identify, analyze, and respond to change ▪ Mechanisms to anticipate, identify, and react to significant events ▪ Processes and procedures to identify changes in GAAP, business practices, and internal control	
Control Activities	▪ Design control activities ▪ Design activities for the information system ▪ Implement control activities ▪ Existence of necessary policies and procedures ▪ Clear financial objectives with active monitoring ▪ Logical segregation of duties ▪ Periodic comparisons of book-to-actual and physical count-to-books ▪ Adequate safeguards of documents, records, and assets ▪ Assess controls in place	

Not effective
Suggested improvements
Effective

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Assessment of Control Environment (continued)

Area	Points to Consider	Our Assessment
Information and Communication	▪ Use quality information ▪ Communicate internally ▪ Communicate externally ▪ Adequate performance reports produced from information systems ▪ Information systems are connected with business strategy ▪ Commitment of HR and finance to develop, test, and monitor IT systems and programs ▪ Business continuity and disaster plan for IT ▪ Established communication channels for employees to fulfill responsibilities ▪ Adequate communication across organization	
Monitoring	▪ Perform monitoring activities ▪ Remediate deficiencies ▪ Periodic evaluations of internal controls ▪ Implementation of improvement recommendations	



Not effective

Suggested improvements

Effective

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Evaluation of Key Processes

Process	Function	A	B	C	D	Design	Operation
Treasury	▪ Cash Management ▪ Investment Accounting ▪ Investment Monitoring ▪ Investment Valuation ▪ Investment Policy ▪ Reconciliation	✓	✓	✓			
Estimation	▪ Methodology ▪ Information ▪ Calculation	✓	✓	✓			
Financial Reporting	▪ Accounting Principles and Disclosure ▪ Closing the Books ▪ Report Preparation ▪ General Ledger and Journal Entry Processing ▪ Verification and Review of Results	✓	✓	✓			
Expenditures	▪ Purchasing ▪ Receiving ▪ Accounts Payable and Cash Disbursement	✓	✓	✓	✓		

A	Understand the Process
B	Walk-Through

C	What Can Go Wrong
D	Test of Controls

Not effective

Suggested improvements

Effective

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Evaluation of Key Processes (continued)

Process	Function	A	B	C	D	Design	Operation
Payroll	▪ Hiring ▪ Attendance Reporting ▪ Payroll Accounting and Processing ▪ Payroll Disbursements ▪ Separation	✓	✓	✓	✓		
Revenue	▪ Billing ▪ Cash Receipts ▪ Revenue Recognition ▪ Cutoff	✓	✓	✓	✓		
Fixed Assets	▪ Physical Custody ▪ Asset and Construction in Process Accounting ▪ Depreciation	✓	✓	✓			

A	Understand the Process
B	Walk-Through

C	What Can Go Wrong
D	Test of Controls

Not effective

Suggested improvements

Effective

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Evaluation of Key Processes (continued)

Process	Function	A	B	C	D	Design	Operation
Compliance	▪ Assess Internal and External Risk ▪ Regulatory Compliance ▪ Monitor Compliance ▪ Grant Compliance	✓	✓	✓	✓		
Information Technology	▪ Computer Operations ▪ Segregation of Duties and Management Oversight ▪ Information Security and Transaction Authorization ▪ Program Integrity and Change Management	✓	✓	✓	✓		

A	Understand the Process
B	Walk-Through

C	What Can Go Wrong
D	Test of Controls

Not effective

Suggested improvements

Effective

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Key Accounts Assertions and Audit Results

Key Accounts	Assertions	Results
Cash and cash equivalents	Existence	
Accounts receivable, net	Existence, Valuation	
Grants receivable	Existence, Valuation	
Security deposit held	Existence, Valuation	
Prepaid expenses	Existence, Cut off	
Capital assets, net of accumulated depreciation	Existence	
Accounts payable and accrued expenses	Completeness	
Deferred revenue	Completeness	
Grants payable	Completeness	

Material adjustments

Immaterial adjustments

No adjustments

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Key Accounts Assertions and Audit Results (continued)

Key Accounts	Assertions	Results
Government grants and contracts	Occurrence, classification	
Contributions	Occurrence, classification	
Foundation and other grants	Occurrence, classification	
Fees	Occurrence, Valuation	
Memberships	Occurrence, classification	
Investment income	Occurrence	
Other income	Occurrence	
Operating expenses	Completeness	
Interest expense	Completeness	

Material adjustments

Immaterial adjustments

No adjustments

REQUIRED COMMUNICATIONS

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Required Communications

1. **Auditor's Responsibilities Under Generally Accepted Auditing Standards (GAAS)**

   The financial statements are the responsibility of management. Our audit was designed in accordance with auditing standards generally accepted in the United States of America, and provide for reasonable, rather than absolute, assurance that the financial statements are free of material misstatement.

2. **Significant Accounting Policies**

   Management has the responsibility for selection and use of appropriate accounting policies. In accordance with the terms of our engagement letter, we will advise management about the appropriateness of accounting policies and their application. The significant accounting policies used by management are described in the notes to the financial statements.

3. **Auditor's Judgments About the Quality of Accounting Principles**

   We discuss our judgments about the quality, not just the acceptability, of accounting principles selected by management, the consistency of their application, and the clarity and completeness of the financial statements, which include related disclosures.

   We have reviewed the significant accounting policies adopted by the City and have determined that these policies are acceptable accounting policies.

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Required Communications (continued)

4. Audit Adjustments

We are required to inform the City's oversight body about adjustments arising from the audit (whether recorded or not) that could in our judgment either individually or in the aggregate have a significant effect on the entity's financial reporting process. We also are required to inform the City's oversight body about unadjusted audit differences that were determined by management to be individually and in the aggregate, immaterial.

There were no passed adjustments identified during the audit process.

5. Fraud and Illegal Acts

We are required to report to the City's oversight body any fraud and illegal acts involving senior management and fraud and illegal acts (whether caused by senior management or other employees) that cause a material misstatement of the financial statements.

Our procedures identified no instances of fraud or illegal acts.

6. Material Weaknesses in Internal Control

We are required to communicate all significant deficiencies in the City's systems of internal controls, whether or not they are also material weaknesses.

There were no material weaknesses noted during the audit.

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Required Communications (continued)

7. **Other Information in Documents Containing Audited Financial Statements**

   None.

8. **Disagreements with Management on Financial Accounting and Reporting Matters**

   None.

9. **Serious Difficulties Encountered in Performing the Audit**

   None**.**

10. **Major Issues Discussed with Management Prior to Acceptance**

    None.

11. **Management Representations**

    We will receive certain written representations from management as part of the completion of the audit.

12. **Consultation with Other Accountants**

    To our knowledge, there were no consultations with other accountants since our appointment as the City's independent public accountants.

13. **Independence**

    As part of our client acceptance process, we go through a process to ensure we are independent of the City. We are independent of the City.

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Required Communications (continued)

14. Our Responsibility Related to Fraud

- Plan and perform the audit to obtain reasonable assurance that there is no material misstatement caused by error or fraud;
- Comply with GAAS AUC 240 “Consideration of Fraud in a Financial Statement Audit”;
- Approach all audits with an understanding that fraud could occur in any entity, at any time, by anyone; and
- Perform mandatory procedures required by GAAS and our firm policies**.**

Examples of Procedures Performed

- Discuss thoughts and ideas on where the financial statements might be susceptible to material misstatement due to fraud;
- Understand pressures on the financial statement results;
- Understand the tone and culture of the organization;
- Look for unusual or unexpected transactions, relationships, or procedures;
- Discussions with individuals outside of finance;
- Evaluate key processes and controls; and
- Consider information gathered throughout the audit.

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Required Communications-Fraud



Opportunity

- Generally provided through weaknesses in internal control
- Tone at the top is important
- We assess controls and tone at the top

Pressure

- Pressure can be imposed due to economic troubles, personal vices and unrealistic deadlines and performance goals
- There are increased pressures due to economy and minimal salary increases

Rationalization

- Individuals develop a justification for their fraudulent activities
- Increased rationalization due to minimal salary increases and less personnel

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SBC's Service Pledge to You

We will consistently deliver a **Quality Product** and **Quality Service** so that we have the opportunity to establish a **Quality Relationship** with you, allowing us to provide you with **Quality Knowledge** for your continual success. Only after we have provided you with the knowledge that enables your business to grow and prosper, we have ***hit the bullseye!***

Our commitment to you is the execution of our **Bullseye Philosophy.** We execute this philosophy for every client, on every engagement, *every time*.





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