UTILITY COMMITTEE
A G E N D A

FEBRUARY 11, 2013 - 5:00 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.

AGENDA ADDITIONS/DELETIONS

1. **Request for Alley Abandonment (Paper) - 235 (Case), 239 (McCabe-Cort), and 243 (Marami Partners) Bayard Avenue**
   (Staff Recommends: (1) Abandonment of the Alley with Conveyance of Seven Feet (7') to 235 (Case), 239 (McCabe-Cort), and 243 (Marami Partners) Bayard Avenue, in Conjunction with the Provision of a Public Utility Easement for Each Parcel and, (2) Adoption of a Resolution Setting a Public Hearing Regarding the Proposed Abandonment for March 11, 2013)

2. **Quarterly Review of Utility Related Capital Investment Plan (CIP) (Electric and Water/Wastewater) *(October, November, and December)***
   (Committee Action is Not Required for this Item)

3. **TEA/NAES Report (*November*)**
   (Staff Recommends Acceptance of the Report)

4. **Updates**
   - **A. Green Energy Funding and Programming**
     (Committee Action is Not Required for this Item)
   - **B. National Pollution Discharge Elimination System (NPDES) Municipal Separate Storm Sewer Systems (MS4) Permit**
     (Committee Action is Not Required for this Item)
   - **C. Solar Park**
     (Committee Action is Not Required for this Item)
   - **D. Calpine**
     (Committee Action is Not Required for this Item)

5. **Adjournment by 5:55 P.M.**

/tm
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THE AGENDA ITEMS AS LISTED MAY NOT BE CONSIDERED IN SEQUENCE. THIS AGENDA IS SUBJECT TO CHANGE TO INCLUDE THE ADDITION OR THE DELETION OF ITEMS, INCLUDING EXECUTIVE SESSIONS.

ACTION FORM

PROCEEDING: Utility Committee	**AGENDA ITEM**:
DEPARTMENT OF ORIGIN: Public Works	**DATE SUBMITTED**: 1/9/2013
PREPARED BY: Sharon J. Duca, P.E., Public Works Director / City Engineer	
SUBJECT: Request for Alley Abandonment (paper) – 235, 239 and 243 Bayard Avenue	
REFERENCE: N/A	
RELATED PROJECT: N/A	
APPROVALS: City Manager	
EXHIBITS: Attachment A – Map	
EXPENDITURE REQUIRED: $ N/A	**AMOUNT BUDGETED**: $ N/A
FUNDING SOURCE (Dept./Page in CIP & Budget): N/A	
TIMETABLE: The references alley shall be abandoned upon approval by City Council.	
RECOMMENDED ACTIONS: The following actions are recommended should the Committee be in favor: (1) Abandonment of the subject alley with conveyance of seven feet (7') of said alley to 235, 239 and 243 Bayard Avenue, currently owned by Ms. Joan Case, Ms. Claudia McCabe-Cort and Marami Partners, respectively, in conjunction with the provision of a public utility easement for each parcel. (2) Adoption of a resolution by Council setting a public hearing regarding the proposed abandonment for March 11, 2013.	

BACKGROUND AND ANALYSIS

The City Clerk's Office received a request from Ms. Joan Case for the abandonment of an alley located behind her property on Bayard Avenue. A letter was subsequently sent to all adjacent property owners to determine their interest in participating in the abandonment and having a portion of the alley conveyed to them. Two (2) additional property owners expressed interest in participating. The names of interested property owners and the addresses of their affected properties are as follows:

Ms. Joan Case	235 Bayard Avenue
Ms. Claudia McCabe-Cort	239 Bayard Avenue
Marami Partners	243 Bayard Avenue

Public Works staff has confirmed that the alley is unimproved. Electric utility infrastructure and storm drainage infrastructure are located within the alley; therefore, public utility easements will be required. The alley is fourteen feet (14') wide. Half of the alley, or seven feet (7'), would be conveyed to the requesting parties. The Department of Public Works has no objection to the abandonment of the subject alley. The Department recommends conveyance of seven feet (7') of said alley to only 235, 239 and 243 Bayard Avenue and in conjunction with the provision of a public utility easement for each parcel. Conveyance shall be in proportions complimentary to the existing lot widths of these parcels.

Alley Adjacent to 235, 239 & 245 Bayard Avenue

Proposed Alley Abandonment



0 50 100 200 Feet

N

Legend

- Hydrants
- Overhead Electric Pole
- Underground Electric Lines
- Overhead Electric Lines
- Water Main
- Hydrant Line
- Manholes
- Sewer Line
- Bayard Avenue Alley
- Dover Parcels

Date Printed: February 1, 2013
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Department: Public Works GIS
City of Dover, Delaware

City of Dover

Capital Investment Plan

Project Tracking Report

December 31, 2012

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.
* For Finance purposes projects are considered completed when placed in service and **all** charges have been processed.

Current Year Budget Funding Sources	General	Community Transportation	Water & Wastewater	Electric	Total CIP
Budget Balance	$ 62,000	$ 171,400	$ 4,508,500	$ 534,700	$ 5,276,600
Restricted MSA (non Public Safety)	132,200	-	-	-	132,200
Library Funding - FY11 Budget Balance	(95,500)	-	-	-	(95,500)
Federal and/or State Grants	1,746,000	-	-	-	1,746,000
Transfer from Library Foundation	71,000	-	-	-	71,000
Friends of the Library Donation	102,400	-	-	-	102,400
Kent County Library Contribution	250,000	-	-	-	250,000
Sale of Assets - Library	1,200,000	-	-	-	1,200,000
Debt Financing - Green Energy Components	648,500	-	-	-	648,500
Community Transportation Fund - FY11 Balances	-	1,630,050	-	-	1,630,050
Debt Financing	2,000,000	-	4,000,000	-	6,000,000
Other State/Federal Grants	324,700	-	-	-	324,700
Police Grants	33,800	-	-	-	33,800
Transfer from Capital Reserves	-	-	-	550,000	550,000
Impact Fee Reserves	-	-	550,000	-	550,000
State Community Transportation Funds	-	700,000	-	-	700,000
Transfer Loan Proceeds to CT Fund - Street Program	-	1,606,700	-	-	1,606,700
Transfer from Operating Funds	613,400	-	2,900,000	3,500,000	7,013,400
Transfer from Future Capacity Reserve	2,000,000	-	-	-	2,000,000
Interest Income	-	-	25,000	40,700	65,700
Total Funding Sources (Unaudited)	$ 9,088,500	$ 4,108,150	$ 11,983,500	$ 4,625,400	$ 29,805,550

City of Dover
General Fund - Major CIP Projects
December, 2012

			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 Spent	Status	Comments
		FY2009											
LB0901	M/G/L	New Library Project	$ 18,200,000	$ 20,469,080	$ 19,390,564	$ 1,078,516	94.7%	$ 2,535,000	$ 4,089,100	$ 3,101,784	75.9%	In Process	Overall project 80% Complete on 7/31/12
ST1203		Dump Truck Refurbishment	30,000	24,000	28,687	(4,687)	119.5%	-	12,000	16,666	138.9%	In Process	
		FY12 MSA - Capital non-safety	-	132,200	-	132,200	200.0%	-	132,200	-	0.0%		Restricted MSA Funding
		Totals - FY09	$ 18,230,000	$ 20,625,280	$ 19,419,251	$ 1,206,029	94.2%	$ 2,535,000	$ 4,233,300	$ 3,118,450	73.7%		
		FY2013											
---		Vehicles & Equipment	$ 399,900	$ 399,900	$ 187,702	$ 212,198	46.9%	$ 399,900	$ 399,900	$ 187,702	46.9%		
---		Annual Fire Truck Payments	238,500	238,500	96,275	142,225	40.4%	238,500	238,500	96,275	40.4%		
Mayor		Security Cameras	33,000	33,000	-	33,000	0.0%	33,000	33,000	-	0.0%		
FC1302	B/L	City Hall Fire Suppression	288,000	288,000	-	288,000	0.0%	288,000	288,000	-	0.0%		Financed by PNC Loan - FY12
FC1303	G	City Hall Emergency Generator	93,000	93,000	-	93,000	0.0%	93,000	93,000	-	0.0%		DEMA Grant funded
IT1301	G	Server & Backup Solution	57,000	57,000	-	57,000	0.0%	57,000	107,000	-	0.0%		$15K is DEMA grant funded
PR1301		Dover Park- Roof Replacement	30,000	30,000	-	30,000	0.0%	30,000	30,000	-	0.0%		
ST1303	B/L	Salt Storage Facility-Schutte Park	50,000	50,000	-	50,000	0.0%	50,000	50,000	-	0.0%		Financed by PNC Loan - FY12
ST1304	B/L	Garrison Farm Improvements	1,924,000	1,924,000	4,043	1,919,957	0.2%	1,924,000	1,950,000	4,043	0.2%		Financing to be determined
PD1301	G	Police Elec Breaker Replacement	33,800	33,800	-	33,800	0.0%	33,800	33,800	-	0.0%		Police Grant funded
PD1302	B/L	Police Micro Seal Parking Lots	25,300	25,300	-	25,300	0.0%	25,300	25,300	-	0.0%		Financed by PNC Loan - FY12
		Totals - FY12	$ 2,501,100	$ 2,501,100	$ 4,043	$ 2,497,057	0.2%	$ 3,172,500	$ 3,248,500	$ 288,020	8.9%		
		Debt issuance cost - PNC/Other	56,000	56,000	-	56,000	0.0%	56,000	-	-	0.0%		
		Transfer to CT Fund - Streets	1,606,700	1,606,700	-	1,606,700	0.0%	1,606,700	1,606,700	-	0.0%		PNC Loan for FY12/FY13 Street Program
		Grand Totals	$ 22,393,800	$ 24,789,080	$ 19,423,294	$ 5,365,786	78.4%	$ 7,370,200	$ 9,088,500	$ 3,406,470	37.5%	37.5%	

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; Projects will be completed through CT Fund, therefore the loan proceeds will be transferred from Capital Fund into the Community Transportation Fund;

City of Dover
Community Transportation & General Fund Street Funds - Major CIP Projects
December, 2012

Hide

Project Code	Type	Description	TOTAL PROJECT - PAST, CURRENT & FUTURE BUDGETS: Original Project Budget	Latest Project Budget	Project To Date Expenses	Project Budget Balance	% Budget Spent	CURRENT FISCAL YEAR: Current Fiscal Year Budget	Revised Fiscal Year Budget	Fiscal YTD Expenses	% Budget Spent	Status	Comments
		FY 2002											
CT0212		North Street sidewalk	$ 80,400	$ 80,400	$ -	$ 80,400	0.0%	$ -	$ 80,400	$ -	0.0%		Waiting on DDP improvements
		Totals	$ 80,400	$ 80,400	$ -	$ 80,400	0.0%	$ -	$ 80,400	$ -	0.0%		
		FY 2009											
CT0555		Little League Park paving	$ 11,600	$ 11,600	$ -	$ 11,600	0.0%	$ -	$ 11,600	$ -	0.0%		Re-program for signage
		Totals	$ 11,600	$ 11,600	$ -	$ 11,600	0.0%	$ -	$ 11,600	$ -	0.0%		
		FY 2007											
CT0708		E. Water Street Brick	$ 65,000	$ 65,000	$ -	$ 65,000	0.0%	$ -	$ 65,000	$ -	0.0%		Specialty contract needed
		Totals	$ 65,000	$ 65,000	$ -	$ 65,000	0.0%	$ -	$ 65,000	$ -	0.0%		
		FY 2009											
CT0977	M	Schutte Parking Lot	$ 21,950	$ 21,950	$ -	$ 21,950	0.0%	$ -	$ 21,950	$ -	0.0%		Deferred
		Totals	$ 21,950	$ 21,950	$ -	$ 21,950	0.0%	$ -	$ 21,950	$ -	0.0%		
		FY2012											
CT1201	M	North Street Roundabout	$ -	$ 500,000	$ -	$ 500,000	0.0%	$ -	$ 500,000	$ -	0.0%	35%	Site work initiated
CT1212		Stoney Creek Lighting	-	40,000	8,696	31,304	21.7%	-	40,000	8,696	21.7%		
TE0601	M	Lincoln Park Center	900,000	1,423,500	518,069	905,431	36.4%	-	911,100	5,741	0.6%	Started	
		Totals	$ 900,000	$ 1,963,500	$ 526,765	$ 1,436,735	26.8%	$ -	$ 1,451,100	$ 14,437	0.0%		
		FY2013											
CTxxxx		Unapplied CT Projects (placeholder)	$ 700,000	$ 378,415	$ -	$ 378,415	0.0%	$ 700,000	$ 378,415	$ -	0.0%		Future CT Agreements
CT1295		Hazel Road	-	61,056	-	61,056	0.0%	-	61,056	-	0.0%		
CT1316		Robbins Hose Station 2	-	111,925	-	111,925	0.0%	-	111,925	-	0.0%		
CT1317		Wesley College Phase I	-	148,604	-	148,604	0.0%	-	148,604	-	0.0%		
ST1301		FY13 Concrete Program	60,000	60,000	6,148	53,852	10.2%	60,000	60,000	6,148	10.2%		Financed by PNC Loan - FY12
STxxxx		Street & Alley Program	300,000	56,400		56,400	0.0%	-	56,400	-	0.0%		
ST1305		White Oak Tax Ditch	-	12,600	-	12,600	0.0%		12,600	-	0.0%		
MR1301		Security Cameras	-	102,400	-	102,400	0.0%	-	102,400	-	0.0%		General Fund Appropriations
ST1302		FY12/FY13 Street & Alley Program	1,546,700	1,546,700	-	1,546,700	0.0%	1,546,700	1,546,700	-	0.0%		Financed by PNC Loan - FY12
			$ 2,606,700	$ 2,478,100	$ 6,148	$ 2,471,952	0.2%	$ 2,306,700	$ 2,478,100	$ 6,148	0.3%		
		Grand Totals	$ 3,593,650	$ 4,528,550	$ 532,913	$ 3,995,637	11.8%	$ 2,306,700	$ 4,108,150	$ 20,585	0.9%		

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
B/L = To be financed through bonds or commercial loan;Projects will be completed through CT Fund, therefore the loan proceeds will be transferred from Capital Fund into the Community Transportation Fun

City of Dover
Water/Wastewater Improvement & Extension Fund - Major CIP Projects
December, 2012

Project Code	Type	Description	TOTAL PROJECT - PAST, CURRENT & FUTURE BUDGETS: Original Project Budget	Latest Project Budget	Project To Date Expenses	Project Budget Balance	% Budget Spent	CURRENT FISCAL YEAR: Approved Fiscal Year Budget	Revised Fiscal Year Budget	Fiscal YTD Expenses	% Budget Spent	Status / % Complete	Comments
		FY 2008											
WD0804	M	1.0 MG Elevated Water Storage	$ 4,196,600	$ 2,590,000	$ 24,540	$ 2,565,460	0.9%	$ 2,000,000	$ 2,166,000	$ 11,615	0.5%	Started	Staff reviewing agreement docs
WD0805	M	Piney Point Well	398,800	665,000	47,840	617,160	7.2%	450,000	505,600	41,112	8.1%	Started	Staff reviewing RFP
		Totals - FY08	$ 4,595,400	$ 3,255,000	$ 72,381	$ 3,182,619	2.2%	$ 2,450,000	$ 2,671,600	$ 52,728	2.0%		
		FY2009											
WQ0907	SL/C	Rt. 13 Water Main	1,023,700	2,214,600	2,173,195	41,405	98.1%	-	192,600	114,868	59.6%	100.0%	Complete; Awaiting final charges
		FY2010											
WW1007	M/SL	Fox Hall Pump Station	427,900	358,900	273,226	85,674	76.1%	-	144,800	59,139	40.8%	98.0%	Final punch list items outstanding
WW1010	I	Tar Ditch Interceptor Upgrade	518,230	495,400	5,143	490,257	1.0%	-	490,300		0.0%	Started	Easement request sent to residents
		Totals - FY10	$ 427,900	$ 358,900	$ 273,226	$ 85,674	76.1%	$ -	$ 635,100	$ 59,139	9.3%		
		FY2011											
WW1104	SL	Lepore Road P/S Replacement	350,000	402,000	28,650	373,350	7.1%	-	384,200	10,800	2.8%	Started	Contractor ordered Station
		Totals - FY11	$ 350,000	$ 402,000	$ 28,650	$ 373,350	7.1%	$ -	$ 384,200	$ 10,800	2.8%		
		FY2012											
WD1201		Pay-As-You-Go Water Station	30,200	30,200	-	30,200	0.0%	-	30,200	-	0.0%	Started	Specs being developed
WQ1202		WQI - New Street	-	113,960	26,600	87,360	23.3%	-	87,400	-	0.0%	Started	Project on hold - Design complete
WQ1203		WQI - Silver Lake	-	279,840	238,576	41,264	85.3%	-	87,752	49,578	56.5%	100.0%	Complete; Awaiting final charges
WW1201	M/SL	Inflow/Infiltration Removal **(1)**	1,000,000	971,900	55,075	916,825	5.7%	-	-	-	0.0%		See FY13 I & I Program; $916.800
WW1202	M	SCADA Equipment Upgrade	84,900	84,900	76,389	8,511	90.0%	29,300	29,300	-	0.0%	Started	Awaiting delivery of materials
WW1204	M	Baltray Pump Station Replacement	125,000	125,000	20,874	104,126	16.7%	100,000	100,000	293	0.3%	Started	Project on hold - Bid specs ready
WW1205	M	Dover Brook Gardens Pump Station	65,000	65,000	12,194	52,806	18.8%	50,000	50,000	2,342	4.7%	Started	Project on hold - Bid specs ready
WW1206	M	Brandywine Pump Station Rplcmnt	402,000	402,000	33,875	368,125	8.4%	350,000	350,000	293	0.1%	Started	Project on hold - Bid specs ready
WW1207	M	McKee Pump Station Comm Rplcmt	55,000	55,000	7,724	47,276	14.0%	45,000	45,000	293	0.7%	Started	Project on hold - Bid specs ready
		Totals - FY12	$ 1,762,100	$ 2,127,800	$ 471,306	$ 1,656,494	88.8%	$ 574,300	$ 779,652	$ 52,798	6.8%		
		FY2013											
---		Vehicles & Equipment	$ 524,500	$ 524,500	$ -	$ 524,500	0.0%	$ 524,500	$ 527,548	$ -	0.0%	Started	All ordered or bid
WW1301	M	Hazlettville Road Interceptor	770,000	770,000	-	770,000	0.0%	30,000	30,000	-	0.0%	Not started	Project on hold
WW1302	M	Lakeview Drive PS Replacement	502,000	502,000	23,048.00	478,952	4.6%	52,000	52,000	23,048	44.3%	Not started	Project on hold
WW1303	M	Westover Pump Station	768,800	768,800	-	768,800	0.0%	65,000	65,000	-	0.0%	Not started	Project on hold
WW1304	M	Garrison Farm Improvements	1,828,000	1,828,000	670.90	1,827,329	0.0%	1,828,000	1,828,000	671	0.0%	Started	Pending Council approval 9/24
WD1302	M	Garrison Farm Storage Tank	1,828,000	1,828,000	-	1,828,000	0.0%	1,828,000	1,828,000	-	0.0%	Started	Pending Council approval 9/24
WD1304		Future Columbia Well Design	55,000	55,000	-	55,000	0.0%	55,000	55,000	-	0.0%	Not started	Project on hold
WD1301	R	Wellhead Redevelopment	70,000	70,000	67,675	2,325	96.7%	70,000	70,000	67,675	0.0%	15.0%	Contractor finishing Well 10 & 14
WQ1301		North Street WMR	45,000	45,000	47,691.41	(2,691)	106.0%	-	45,000	47,691	0.0%		
N/A		Water Quality Improvements	479,000	479,000	-	479,000	0.0%	479,000	479,000	-	0.0%		Locations to be determined
N/A		I & I Improvements **(1)**	1,000,000	(14,500)	-	(14,500)	0.0%	1,000,000	902,300	-	0.0%		Locations to be determined
II1301		New/Reed Street	-	330,000	310,493			-	330,000	310,493	0.0%	65.0%	Contractor finishing New Street
II1302		Fox Hall	-	142,000	77,384			-	142,000	77,384	54.5%	Scheduled	
II1303		Morris Estates	-	276,000	190,733			-	276,000	190,733	69.1%	Scheduled	
II1304		Wesley College	-	10,000	7,200			-	10,000	7,200	72.0%	Scheduled	
II1305		NRG sanitary sewer upgrade	-	175,000	69			-	175,000	69	0.0%	Not started	Bids due 10/4/12
II1306		I & I Design	-	40,000	18,524			-	40,000	18,524	46.3%	In progress	Staff reviewing consultant report
II1307		Mifflin Road Sewer Rehab		3,500	3,500			-	3,500	3,500			
II1308		Dunkin Donuts SSR	-	38,000	-			-	38,000	-			
WD1306	R	Emergency Generators	80,000	80,000	-	80,000	0.0%	80,000	80,000	-	0.0%	85.0%	Start on bid docs 10/1/12
			$ 7,950,300	$ 7,950,300	$ 746,987	$ 6,796,715	0.0%	$ 6,011,500	$ 6,976,348	$ 746,987	10.7%		
N/A		Debt issuance cost-Garrison Farm	344,000	344,000	-	344,000	0.0%	344,000	344,000	-	0.0%		
		Grand Totals	$ 16,453,400	$ 16,652,600	$ 3,765,745	$ 12,480,257	22.6%	$ 9,379,800	$ 11,983,500	$ 1,037,320	8.7%		

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.
SL = State Loan Project - construction phase is financed
I = Impact Fee (partially) financed project

(1) Transferred remaining project balance from FY12 to the FY13 I & I Project $916,800
Adjusted Project Budget for FY13 will be $1,916,800 for I & I; Locations to be determined;

City of Dover
Electric Improvement & Extension Fund - Major CIP Projects
December, 2012

			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 Spent	Status	Comments
		FY2012											
EE1205	M	Frazier Substation Upgrade	$ 765,200	$ 765,200	$ 391,175	$ 374,025	51.1%	$ 610,200	$ 611,800	$ 237,816	38.9%	In process	Materials ordered
EG1202	M	Unit 3 Boiler Systems	390,000	250,000	104,758	145,242	41.9%	129,000	167,300	22,106	13.2%	In process	Will complete Spring outage
EG1212	M	Unit 3 Turbine Inspection/Repair	1,494,000	1,494,000	403,190	1,090,810	27.0%	115,000	115,000	6,367	5.5%	In process	Will complete Spring outage
EG1214	M	Industrial WW Discharge System	272,000	272,000	36,845	235,155	13.5%	-	242,000	6,500	2.7%	In process	
EU1202	M	Persimmon Tree Lane Feeder Rplcmt	113,500	113,500	116,191	(2,691)	102.4%	-	8,500	12,642	148.7%	In process	
EG1204		Unit 3DCS Comp & Software	-	-	3,075	(3,075)	0.0%	-	-	3,075	0.0%	Complete	
		Total	$ 3,034,700	$ 2,894,700	$ 1,052,159	$ 1,842,541	36.3%	$ 854,200	$ 1,144,600	$ 288,506	25.2%		
		FY2013											
N/A	R	Vehicles & Equipment	$ 146,000	$ 146,000	$ 22,118	$ 123,882	15.1%	$ 146,000	$ 146,000	$ 22,118	15.1%		All vehicles received
N/A	R	FY13 New Dvlpmnts - UG Transformers	50,000	68,800	2,394	66,406	3.5%	50,000	68,800	2,394	3.5%		Over Budget; Revenue offset
EE1313	R	FY13 New Dvlpmnts - UG Conductors	350,000	(26,300)	6,266	(32,566)	-23.8%	350,000	(26,300)	6,266	-23.8%		
EE1313	R	FY13 New Dvlpmnts - 1 Phase Meters	50,000	25,340	353	24,987	1.4%	50,000	25,340	353	1.4%		
EE1301		Willow Tree Park	-	9,800	13,077	(3,277)	133.4%	-	9,800	13,077	133.4%		
EE1302		Bayard Plaza	-	39,400	31,514	7,886	80.0%	-	39,400	31,514	80.0%		
EE1303		Frazier Sub Upgrade	-	-	3,500	(3,500)	0.0%	-	-	3,500	0.0%		
EE1310		YMCA	-	22,000	20,916	1,084	95.1%	-	22,000	20,916	95.1%		
EE1311		Super 8 Motel	-	6,200	5,802	398	93.6%	-	6,200	5,802	93.6%		
EE1315		State Street Plaza	-	8,700	1,408	7,292	16.2%	-	8,700	1,408	16.2%		
EE1317		The Grand Apartments	-	79,560	77,378	2,182	97.3%	-	79,560	77,378	97.3%		
EE1318		M & L Ventures Warehouses	-	28,800	29,984	(1,184)	104.1%	-	28,800	29,984	104.1%		
EE1319		Proctor & Gamble	-	30,000	19,225	10,775	64.1%	-	30,000	19,225	64.1%		
EE1320		Generals Green Lights	-	7,200	-	7,200	0.0%	-	7,200	-	0.0%		
EE1322		Grottos Pizza	-	45,400	3,124	42,276	6.9%	-	45,400	3,124	6.9%		
EE1323		Dover High Lighting	-	264,200	224,679	39,521	85.0%	-	264,200	224,679	85.0%		
EE1324		Bayhealth Fiber Wood	-	50,000	40,657	9,343	81.3%	-	50,000	40,657	81.3%		
EE1325		Redner's Grocery Store	-	16,600	-	16,600	0.0%	-	16,600	-	0.0%		
EE1327		George & Lynch Asphalt	-	25,000	-	25,000	0.0%	-	25,000	-	0.0%		
EE1328		Fiber Blue Hen Project	-	49,300	-	49,300	0.0%	-	49,300	-	0.0%		
EE1304	R	FY13 Lighting Project & Rehab	100,000	100,000	-	100,000	0.0%	100,000	100,000	-	0.0%		Route 13 LED Lighting
EE1309	R	Distribution Capacitors	125,000	125,000	103,493	21,507	82.8%	125,000	125,000	103,493	82.8%		
EE1307		Division Sub Fence	70,000	55,000	39,345	15,655	71.5%	70,000	55,000	39,345	71.5%		
EE1308	M	Horsepond Substation Upgrade	761,800	761,800	-	761,800	0.0%	170,000	170,000	-	0.0%		
EE1305	M	FY13 69kv Switch Rplmnt Program	135,000	135,000	-	135,000	0.0%	55,000	70,000	-	0.0%		
EE1306	R	Trans Line Maint Program	75,000	75,000	-	75,000	0.0%	75,000	75,000	-	0.0%		
EE1312	M	General Scott Switchgear	1,155,000	1,150,000	-	1,150,000	0.0%	50,000	50,000	-	0.0%		
N/A	R	FY13 Distribution Upgrades	400,000	12,000	-	12,000	0.0%	400,000	12,000	-	0.0%		
EE1314		Capitol Park Upgrade	-	308,000	761	307,239	0.2%	-	308,000	761	0.2%		
EE1321		Pleasanton Acres	-	80,000	-	80,000	0.0%	-	80,000	32,876	41.1%		
N/A	R	FY13 Distribution Feeder Replacements	277,500	213,500	-	213,500	0.0%	277,500	213,500	-	0.0%		
EE1316		Wyoming Avenue Feeder Replacement	-	64,000	-	64,000	0.0%	-	64,000	31,662	49.5%		
EG1301		Units 1 Repair - Gasket leak	-	65,000	88,086	(23,086)	135.5%	-	65,000	88,086	135.5%		New Project; Not budgeted
EG1304	R	Units 1 & 2 Component Repairs	52,000	52,000	14,564	37,436	28.0%	52,000	52,000	14,564	28.0%		
EG1305	R	Units 1 & 2 Cooling Tower Life Ext.	37,300	37,300	-	37,300	0.0%	37,300	37,300	-	0.0%		
EG1306		Turbine Level Window Modifications	85,000	85,000	-	85,000	0.0%	85,000	85,000	-	0.0%		
EG1307		Unit 3 Air Heater Expansion Joint	80,000	80,000	43,629	36,371	54.5%	80,000	80,000	43,629	54.5%		
EG1309		Unit 3 Stack Repairs	27,000	27,000	-	27,000	0.0%	27,000	27,000	-	0.0%		
EG1310		Units 1 & 2 Stack Repairs	75,000	75,000	-	75,000	0.0%	75,000	75,000	-	0.0%		
EG1311		Van Sant Capacity Increase	550,000	550,000	-	550,000	0.0%	550,000	550,000	-	0.0%		
EG1312		Unit 3 Generator Repairs	236,000	236,000	794	235,206	0.3%	236,000	236,000	794	0.3%		
EG1313	R	Unit 3 Aux Sys Components	55,000	55,000	20,072	34,928	36.5%	55,000	55,000	20,072	36.5%		
			$ 4,892,600	$ 5,237,600	$ 793,068	$ 4,389,532	15.1%	$ 3,115,800	$ 3,480,800	$ 877,678	25.2%		
		Grand Totals	$ 7,927,300	$ 8,132,300	$ 1,845,227	$ 6,232,073	41.6%	$ 3,970,000	$ 4,625,400	$ 1,166,184	25.2%		

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 re-budgeted to start over each fiscal year.
B = Bonded Project
S = State fully or partially reimbursed project

The Energy Authority, Inc.

Monthly Management Committee Update – November 2012

December 20, 2012

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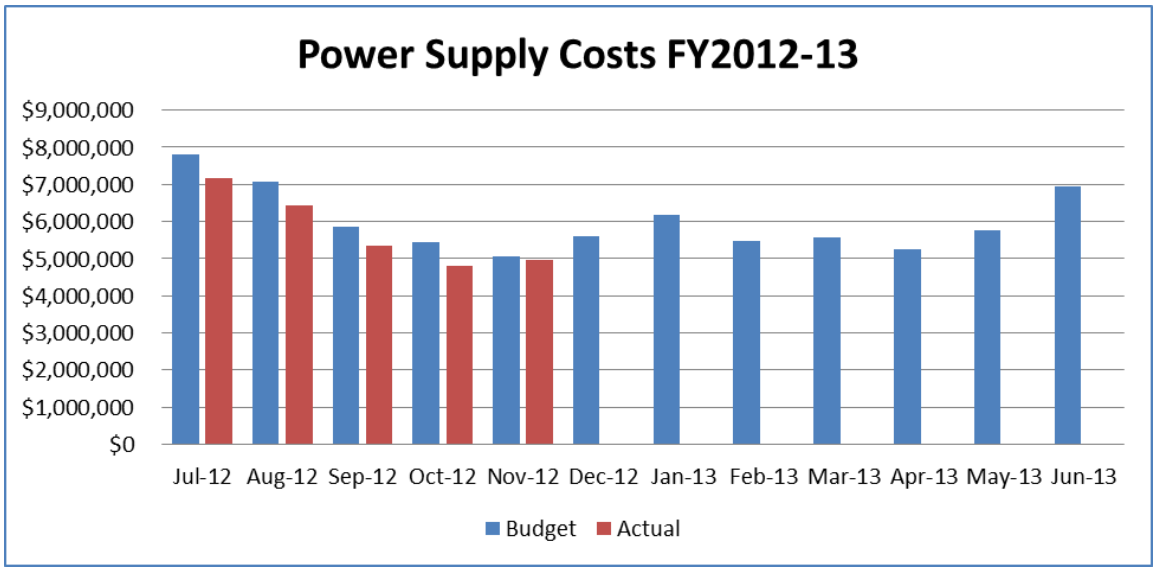
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I. Executive Summary

A. Power Supply Summary:



Overall Power Supply costs were $106,355 under budget due to lower than budgeted cost of hedged energy purchases.

Dover's budgeted cost for all power supply (capacity AND energy) was $94.72/MWh. The actual cost of all power supply (capacity AND energy) was $87.28/MWh.

The cost of energy alone was $58.04/MWh, versus a budgeted energy cost of $68.70.

Dover's hedge purchases totaled 44,695MWh, which was 83% of the projected load and 79% of the actual load.

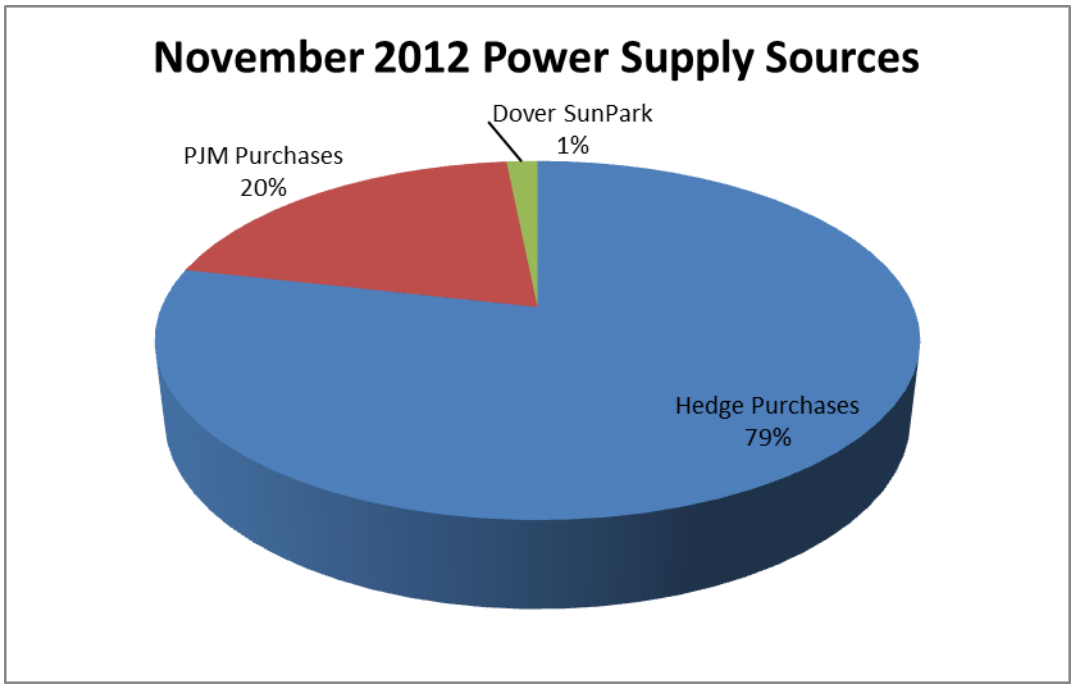
Dover's power purchases from hedge transactions totaled $2,769,375. Purchases from PJM (energy and fees) totaled $1,112,344, with DA Energy purchases totaling $625,407 and Balancing Spot Market Energy totaling a credit of $172,451.

Dover's total load was 56,881 MWh versus a forecasted load of 53,333 MWh.

Dover's planned energy purchase from the SunPark solar installation was 793 MWh. Dover's actual energy purchase from the SunPark installation was 889 MWh.

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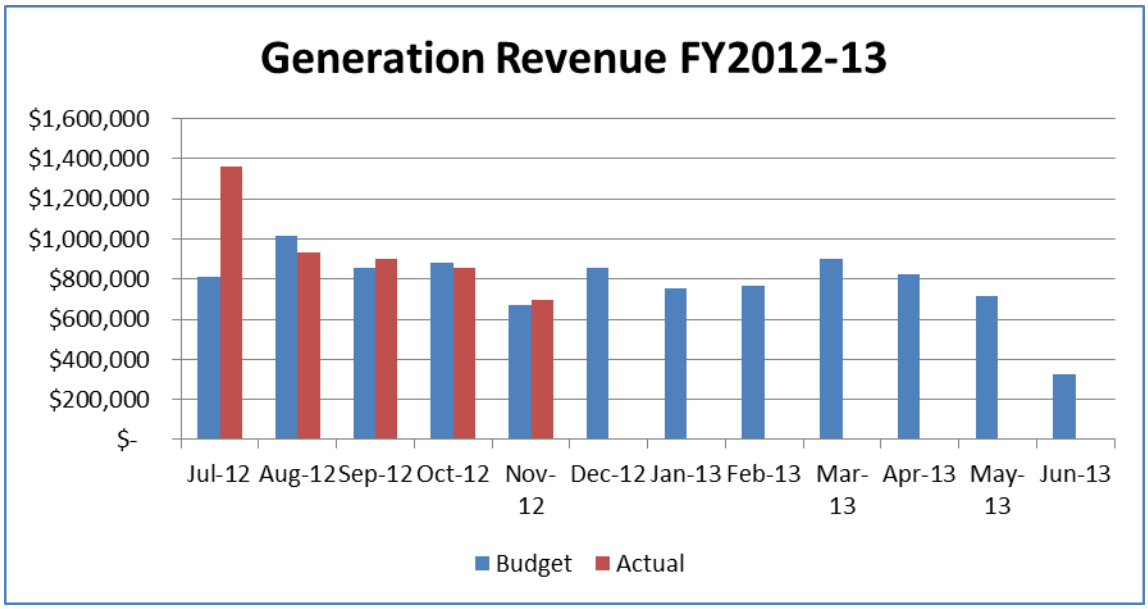
Supply Source Summary:



Supply Variance:

	Budget	Actual	Variance
Gross Load	53,533	56,881	(3,348)
Wholesale Load	52,740	55,992	(3,252)
Hedged Volume (MWh)	44,695	44,695	-
Unhedged Volume (MWh)	8,045	11,297	(3,252)
Dover SunPark Volume (MWh)	793	889	(96)
Renewable Energy Credits Volume	119	153	(34)
Hedged Cost ($/MWh)	$ 65	$ 62	0
Unhedged Energy Cost ($/MWh)	$ 90	$ 40	$ 50
Solar Energy Cost ($/MWh)	$ 83	$ 86	$ (3)
Energy Costs ($/MWh)	**$68.70**	**$58.04**	**$10.66**
All-in Costs - Energy, Capacity and RE	**$94.72**	**$87.28**	**$7.44**

B. Generation Summary:



Dover generated only 24 MWh (for test power) in the month. Net generation revenue was $696,065 vs. a budget of $667,592. This delta was mainly due to lower than budgeted O&M costs.

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Generation Breakdown:

City of Dover's Wholesale Generation		
Net Generation Mwh		**24.85**
All In Generation Margin		
PJM Bill Energy	$	1,315.23
PJM Capacity	$	1,167,075.00
Black Start, Reactive Credit, DASR & EFORp	$	36,373.16
Gas Purchases	$	-
Oil Purchases	$	-
Transport / Cash Out	$	(1,854.42)
Gross Margin	**$**	**1,202,908.97**
Production Margin		
Generation Production Revenues (PJM)	$	1,315.23
Gas Purchases	$	-
Oil Purchases	$	-
Transport / Cash Out	$	(1,854.42)
Gross Production Margin	**$**	**(539.19)**
$/Mwh All In Generation Margin	**$**	**48,406.80**
$/Mwh Generation Production Margin	**$**	**(21.70)**

Fuel Purchases:

All of Dover's fuel purchases were obtained in the imbalance market (below).

Transportation and Imbalance:

Eastern Shore Transport and Imbalance Charges			
Imbalance/dth	Imbalance/dth	Cost/dth	Total Cost
	1168	$3.91	($4,566.88)
			($4,566.88)
Transport	Volume/dth	$/dth	Total Cost
Firm/IT			
	1,168	$0.056300	($65.76)
	1,168	$0.427800	($499.67)
	0	$0.000000	$0.00
			($565.43)
Credit September 2012			$3,277.89
Net			**($1,854.42)**

C. Emissions Summary:

Emissions Allowance Summary through November 30, 2012

CAIR EMISSION ALLOWANCE SUMMARY				
Date	Action	SO_2 Allowances	NO_x Allowances[1]	
			Seasonal	Annual
1/1/09	2008 Carryover	3,240	0	0
1/1/09	2009 Allocation	2,723	53	80
2/1/10	2010 Allocation	2,039	50	78
1/1/11	2011 Allocation	1,988	49	78
4/1/11	2011 Reallocation		2	4
1/11/12	2012 Allocation	1,988	51	80
9/29/09	SO_2 Sales	(1,500)		
11/12/09	NO_x Ann. Sales			(45)
11/13/09	SO_2 Sales	(1,410)		
11/20/09	NO_x Seas. Sales		(25)	
12/31/09	2009 Emissions[2]	(1)	(6)	(13)
12/31/10	2010 Emissions	0	(54)	(54)
10/31/10	EPA Linearity Testing Req.		(68)	(68)
2011	2010 Deficit NO_x Purchases		53	22
Aug 2011	Revised 2010 ECMPS data		30	30
Nov 2011	NO_x Seas. Sales (DEMEC)		(1)	
12/31/11	2011 Emissions[2]	(1)	(32)	(36)
11/30/12	2012 Emissions[2]	(1)	(37)	(37)
Nov 2012	NO_x Seas. Sales (DEMEC)		(2)	
TOTAL ALLOWANCES		9,065	63	118

On August 21, 2012, the U.S. District Court of Appeals (DCA) in Washington vacated EPA's "Transport Rule" (aka Cross State Air Pollution Rule or CSAPR) which would have become effect on January 1, 2012. Additionally, DCA said EPA must continue administering the Clean Air Interstate Rule (CAIR), CSAPR's predecessor, pending the issuance of a valid replacement rule. EPA submitted a petition for an en banc rehearing to the DCA on October 5, 2012 and is awaiting a ruling on the petition.

Market liquidity for CAIR allowances continues to be low, with few transactions occurring. The following table shows estimated values as of November 30, 2012, based on broker bids & offers:

[1] Per CAIR, starting in 2009, NOx emissions are governed by a seasonal and annual program.
[2] Under CAIR, pre-CAIR SO2 allowances are retired at a rate of 2 allowances for each ton emitted. It is assumed that pre-CAIR allowances will be retired before CAIR allowances.

Mark-to-Market for CAIR Allowances (12/18/2012)			
Commodity	**$/Ton**	**Tons**	**Extended Value**
SO_2 Allowances	$ 0.60	9,065	$ 5,439
NO_x Allowances - Seasonal	$15.00	63	945
NO_x Allowances - Annual	$41.00	118	4,838
TOTAL			**$11,222**

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). Delaware has elected a combined emissions allowance allocation/auction mechanism for RGGI, in which 40% of CO_2 allowances were allocated to sources for 2009, declining by 8% per year so that by 2014, all CO_2 allowances are auctioned.

Dover has 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). Any unused allowances are carried over ("banked") for subsequent years. The cumulative balance of unused RGGI allowances held by Dover were 92,712 tons as of the end of Calendar year 2011, as shown in the table below. During the months of June - November, 2012, Dover's generating units produced 15,265 tons of CO_2 emissions, thus reducing the amount available in the allowance bank.

CO2 Allowance Summary (11/30/2012)							
1	2	3	4	5	6	7	8
CO_2 Allowance Vintage	CO_2 Allowances Sold YTD	CO_2 Allowances Available (Per Facility, Prior to Sale)		Allocated CO_2 Allowances	CO_2 Tons Emitted	Annual CO_2 Allowance Balance	Cumulative Balance
		McKee Run	***VanSant***				
2009	0	60,128	2,056	62,184	(5,796)	56,388	56,388
2010	0	48,102	1,645	49,747	(32,971)	16,776	73,164
2011	0	36,077	1,234	37,311	(17,763)	19,548	92,712
2012	0	27,058	925	27,983	(15,265)	11,793	104,505
2013	0	15,032	514	15,546[3]	-	15,546	120,051

The table shows that the "**Allocated CO_2 Allowances"** (column 5) are declining; after 2013, Dover will no longer receive allocations of RGGI allowances. Actual CO_2 emissions (column 6) have varied from 5,796 tons in 2009 to 32,971 tons in 2010. The Cumulative Balance (column 8) – aka "Banked Allowances") can be utilized for generation in future years. Once the banked allowances have been fully utilized, Dover will be required to purchase allowances through the periodic RGGI auctions or through over-the-counter markets. Assuming that Dover does not sell any banked allowances, it will be able to maintain a positive balance through 2016 – 2025, depending on actual annual energy production in 2012 and beyond.

The most recent RGGI auction occurred on December 5, 2012 and the auction cleared at $1.93/ton. Based on this auction, the value of Dover's existing RGGI allowance bank (104,505 tons) is approximately $201,695 (excluding allocations for 2013 which have not yet been allocated).

RGGI is currently conducting a program review pursuant to the original RGGI memorandum of understanding between participating states. As a result of these activities, coupled with declining allocations, TEA believes that there is a reasonable expectation that RGGI market prices could increase over the next few years.

Dover could elect to sell all or a portion of its banked allowances now and re-acquire allowances at a later date; however TEA is currently of the opinion that Dover will be better off retaining its banked allowances for use during future compliance years.

[3] 2013 allocations have not been added to Dover's RGGI COATS account. These are listed for the purpose of showing the last expected allocation of RGGI allowances.

Renewable Energy Certificates

Dover owns two photovoltaic systems totaling 15 kW, consisting of (a 5 kW unit at the Utilities Administration Building and two 5 kW units at the McKee Run generating station. The output has been recorded on PJM's Generation Attribute Tracking System (GATS), resulting in a balance of 43 Solar Renewable Energy Certificates (SRECS).

Additionally, Dover receives solar energy produced by the 10 MW Dover Sun Park which is owned by White Oak Solar Energy, LLC. In addition to the all of the physical energy produced by the Sun Park, Dover receives 15% of Sun Park's SRECS. Through the end of October, 2012, Dover has accumulated a total of 3,719 SRECS from this contract. These SRECS have also been recorded in Dover's GATS account.

Given the current SREC market structure, combined with the impact of the Sun Park and other facilities coming on-line in 2011, Dover's ability to remarket excess SRECs presents unique challenges. Market price for Delaware SRECs from the September 2012 auction was $40/MWh, resulting in a market value of $151,480 for Dover's 3,762 SRECs.

It should be noted, however, that the nearest viable market for Dover's SRECs is Pennsylvania which has market price mid-point of $16, less than half of the price from the most recent Delaware auction price.

TEA is recommending that Dover retain these allowances for compliance with its Renewable Portfolio Standard which we understand DEMEC is working on. Once Dover has an approved RPS in place, it may be required to retire a portion of its current SREC balance for compliance in the 2012/13 future compliance year. Any remaining SRECs could be used for the 2013/14 compliance year.

D. Operations Management Summary:

During the month of November, there were no reportable or lost time accidents or injuries. The facility has now gone 778 days without an OSHA recordable accident and 778 consecutive days without a lost time reportable accident. There were zero Environmental Notices of Violations issued. There were no Near Miss incidents. All Units were in Planned outages during the month.

Unit 1 was put on line for test on November 13th and Unit 2 was put on line November 8th to perform an over speed trip test.

Monthly Budget Variance - The actual expenses attributable to O&M of the two sites for the month of November were $506,844. The actual expenses are $28,219 or 5.27% under the approved budget of $535,063. The principal reasons for the favorable variance were due to having a vacant position and lower expenses in Environmental expenses, Other equipment maintenance, and Combustion turbine maintenance due to timing of expenses. This was offset by higher expenses in Boiler systems maintenance due to the repair of boiler safety valves on Units 1 and 2.

E. Risk Management Summary:

Forward power prices in PJM have fallen slightly since last month due to lower forward gas prices and resulting in a lower blended cost.

The current projected cost of service is below:

Power Year	Hedge Ratio	Blended Cost ($/MWh)
2012-13	80%	$61.56
2013-14	46%	$52.00
2014-15	27%	$48.32
2015-16	14%	$47.63

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II. Budget Report

Variance Report:

	Budget Nov-12	Actual Nov-12	Variance
Gross Load Forecast	**53,533**	**56,881**	**(3,348)**
Power Supply			
Hedged Energy	$2,885,282	$2,769,375	$115,907
PJM- Energy	$721,542	$452,956	$268,586
PJM - Transmission and Fees	$313,000	$659,388	($346,388)
Dover SUN Park Energy	$71,112	$79,150	($8,038)
Management Fees	$83,000	$83,000	$0
Capacity UCAP Obligated Purchased	$996,729	$920,462	$76,267
Subtotal - Power Supply	**$5,070,665**	**$4,964,331**	**$106,335**
Power Generation O&M & Fixed Fuel			
Plant O&M	$535,063	$506,844	$28,219
Subtotal Generation O&M	**$535,063**	**$506,844**	**$28,219**
Power Generation Production Margin			
Economic and reliability dispatch	$0	($1,315)	$1,315
Fixed Fuel and Transport Charges	$0	$1,854	($1,854)
Subtotal Generation Production Margin	**$0**	**$539**	**($539)**
Power Generation Non-Production Revenue			
Generation Capacity Credit	($1,167,075)	($1,167,075)	$0
Emissions Allowance Sales	$0	$0	$0
Black Start & Reactive Power Revenue	($35,580)	($36,373)	$793
Subtotal - Non-Production Revenue	**($1,202,655)**	**($1,203,448)**	**$793**
SubTotal - All Generation	**($667,592)**	**($696,065)**	**$28,473**
Total - Utilities Cost	**$4,403,073**	**$4,268,266**	**$134,808**
Unit Costs			
Total - Power Supply	$94.72	$87.28	$7.44
Total - Power Generation	($12.47)	($12.24)	($0.23)
Final Cost of Service to City of Dover Ratepayers	$82.25	$75.04	$7.21

Variance Analysis:

Power Supply

- Dover consumed 3,348 MWh more than what was forecasted for the month.
- PJM energy costs were lower than expected, but PJM's fees were higher than forecast. Hedged costs were under forecast.
- The result of lower overall costs for more power was a net power supply cost of $87.28/MWh, $7.44/MWh lower than budget.
- For the month, the city realized a favorable variance of $106,335 for power supply vs. the monthly budget.
- Dover Sun Park generated 95 MWh more than what was forecasted.

Generation

- Power generation had a favorable budget variance of $28,473.
- Plant O&M expenses had a favorable budget variance of $28,219 for the month.

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YTD Variance Report:

	Budget YTD	Actual YTD	Variance
Gross Load Forecast	**325,656**	**337,076**	**(11,420)**
Power Supply			
Hedged Energy	$17,603,949	$17,000,477	$603,472
PJM- Energy	$5,951,200	$2,627,018	$3,324,182
PJM - Transmission and Fees	$1,565,000	$3,302,016	($1,737,016)
Dover SUN Park Energy	$646,240	$674,031	($27,791)
Management Fees	$415,000	$415,000	$0
Capacity UCAP Obligated Purchased	$5,083,320	$4,690,301	$393,019
Subtotal - Power Supply	**$31,264,709**	**$28,708,842**	**$2,555,867**
Power Generation O&M & Fixed Fuel			
Plant O&M	$2,433,676	$2,370,912	$62,764
Subtotal Generation O&M	**$2,433,676**	**$2,370,912**	**$62,764**
Power Generation Production Margin			
Economic and reliability dispatch	($1,124,312)	($1,865,604)	$741,292
Fixed Fuel and Transport Charges	$586,004	$944,037	($358,033)
Subtotal Generation Production Margin	**($538,308)**	**($921,567)**	**$383,259**
Power Generation Non-Production Revenue			
Generation Capacity Credit	($5,952,084)	($5,952,082)	($2)
Emissions Allowance Sales	$0	$0	$0
Black Start & Reactive Power Revenue	($177,900)	($237,766)	$59,866
Subtotal - Non-Production Revenue	**($6,129,984)**	**($6,189,848)**	**$59,864**
SubTotal - All Generation	**($4,234,616)**	**($4,740,502)**	**$505,886**
Total - Utilities Cost	**$27,030,093**	**$23,968,340**	**$3,061,753**
Unit Costs			
Total - Power Supply	$96.02	$86.53	$9.49
Total - Power Generation	($13.30)	($14.41)	$1.11
Final Cost of Service to City of Dover Ratepayers	$82.72	$72.12	$10.60

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III. Operations Management

NAES Corporation
Dover, Delaware

November 2012
Monthly Report



Operations Supervisor Lawrence Sheranko, I/C Technician Rich Newman, Maintenance Supervisor Phil Marvel, I/C,E Technician Chuck Luton and Auxiliary Operator, Bob Clawson, receiving NAES Quality Award for exemplary performance in difficult situation which averted a force outage on Unit 3.

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1.0 Environmental, Health and Safety:

During the month of November, there were no restricted work days or lost time accidents. The facility has now gone two years and eighteen days (778 days total) through November 30, 2012 without an OSHA Recordable Accident or a Lost Time reportable accident.

The October DMR was submitted for the McKee Run site with no NPDES exceedences. The plant received no Notice of Violations (NOVs) during the month. Work continues on the IWDP (wastewater) permit with Kent County. Bid requests have been issued for project installation work.

The facility sold/transferred two (2) Ozone Season NOx allowances.

Environmental, Health, and Safety Statistics		
	Month (November)	Fiscal Year to Date (7/1/12-11/30/12)
NOVs	0	0
Opacity Deviations	0	0
Environmental Deviations	0	7
OSHA Recordable	0	0
OSHA LTA's	0	0
First Aid cases	0	0
Restricted Workday Accident	0	0
Near Miss	0	2
Man Hours Worked	3,953.00	21,105.75
Date last OSHA Recordable		10/14/10
Date last Lost Time Accident		10/14/10
Days since last OSHA recordable		778
Days since last Lost Time Accident		778

Emissions (NOx & SO2) All data thru 10/31/12

NOx Summary – Ozone Season (May-Sep) Tons					
Year	*Unit #1*	*Unit #2*	*Unit #3*	*Unit #11*	*TOTAL*
2009	0.9	0.7	4.2	0.6	6.4
2010	0.7	2.2	88.7	3.3	94.7
2011	1.8	1.5	31.4	1.4	36.1
2012	1.2	1.0	35.8	1.0	33.1
NOx Summary - Year (Jan-Dec) Tons					
Year	*Unit #1*	*Unit #2*	*Unit #3*	*Unit #11*	*TOTAL*
2009	0.9	0.7	10.1	0.6	12.3
2010	0.7	2.2	88.7	3.3	94.7
2011	1.8	1.5	32.6	2.9	38.8
2012	1.2	1.1	35.8	1.0	36.9

SO_2 Summary - Year (Jan-Dec) Tons					
Year	*Unit #1*	*Unit #2*	*Unit #3*	*Unit #11*	*TOTAL*
2009	0.05	0.05	0.1	0.2	0.4
2010	0.0	0.0	0.3	0.0	0.3
2011	0.0	0.0	0.1	0.5	0.6
2012	0.0	0.0	0.0	0.1	0.1

SO_2 Allowances 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 and U11 YTD**	**SO_2 Allowances Balance**
		Unit #3	***Unit #11***		
2010 and earlier	0	4815	276	0	5089
2011	0	1850	138	1	1988*
2012	0	1850	138	1	1988*
***Note – Emissions allowances are deducted according to oldest vintage first or unless otherwise directed.**					

CO2 Allowances Summary*					
CO2 Allowance Vintage	**CO2 Allowances Sold YTD**	**CO2 Allowances Available (Per Facility, Prior to Sale)**		**Total CO2 Tons Emitted**	**CO2 Allowance Balance**
		McKee Run	***VanSant***		
2009	0	60,128	2,056	5,796	56,388
2010	0	48,102	1,645	32,971	16,776
2011	0	36,077	1,234	17,763	19,548
2012	0	27,058	925	15,265	11,793
2013	0	15,032	514	0	15,546
Note: All CO2 allowance values are provided by the RGGI CO2 Allowance Tracking System.					

CAIR NOx Allowances Summary*							
CAIR NOx Allowance Vintage	**CAIR NOx Allowances Sold YTD**	**NOx Allowances Available (Per Facility, Prior to Sale)**		**Total NOx Tons Emitted (Yr/ Season)** McKee Run - VanSant	**CAIR NOx Allowances Purchased YTD**	**NOx Allowance Balance**	
		McKee Run (Yr/Season)	***VanSant (Yr/Season)***			***McKee Run (Yr/Season)***	***VanSant (Yr/Season)***
2010 and earlier	1					29/30	0/2
2011	0	77/48	5/3	33/31– 3/1	0/0 - 0/0	44/17	2/2
2012	2**	75/48	5/3	36/36 – 1/1	0/0 - 0/0	39/10	4/2
***Note – Emissions allowances are deducted according to oldest vintage first or unless otherwise directed.** **Note – The facility transferred Ozone Season allowances to a third party.**							

2.0 Financial

Financial – Current Month

Month – November			
	Actual	Budget	Variance
Personnel	365,874	378,211	12,337
Materials & Supplies	7,221	7,282	61
Administrative Expenses	133,749	149,570	15,821
Total	**$506,844**	**$535,063**	**$28,219**

Financial – Fiscal Year to Date

Number of Months – 4			
	Actual	Budget	Variance
Personnel	1,287,504	1,345,157	57,653
Materials & Supplies	118,353	129,410	11,057
Administrative Expenses	965,054	959,109	(5,945)
Total	**2,370,911**	**2,433,676**	**$62,765**

2.1 Variance analysis:

The City of Dover Finance Department has closed the books for the month of November. The expenses for November are $506,844 against a budgeted amount of $535,063 for a favorable variance of $28,219 or ≈ 5.27%. The variance was due to the following:

PERSONNEL EXPENSES – A favorable monthly variance of $12,337 was to due to having a vacant position and lower than budgeted labor burdens.

MATERIALS AND SUPPLIES EXPENSES- A favorable monthly variance of $61 with no major variances in any of the accounts.

ADMINISTRATIVE EXPENSES – A favorable monthly variance of $15,821 was due to lower expenses in Environmental Expenses, Other Equipment – Maintenance, and Combustion Turbine Maintenance. A portion of this was due to timing of invoice receipts for CEMS maintenance contracts and not performing the main gas piping inspection at the VanSant station as budgeted, although it will be completed later in the fiscal year. Contractual Services and Boiler Systems Maintenance accounts expenses were higher than budgeted due to HEP and FAC work (Contractual Services)was completed sooner than budgeted and due to needed repairs to Units 1and 2 boiler safety valves (Boiler Systems Maintenance) found during the annual inspection/testing.

The budget is currently forecasted to finish this fiscal year at $5,863,983 expensed versus a budget of $5,914,900 thereby realizing a 99.14% expenditure rate.

3.0 Operations

Unit Operations / Outages / Trips

On October 1, 2012 at 0700 hours, all four of the City of Dover units went into a planned fall outage. Unit 1 was started and placed online on November 13 in order to check out repairs that had been made to turbine gland seals that also included a realignment of the turbine and generator.

Month - November 2012							
		McKee Unit 1	McKee Unit 2	McKee Unit 3	MRS Facility	VanSant Unit 11	Total All Units
Capacity	MW	17	17	102	136	39	175
On Line Hours	Hrs	3.5	0.0	0.0	0.0	0.0	3.5
Starts	#	1	0	0	1	0	1
Gross Generation	MWh	25.473	0.0	0.0	25.473	0.0	25.473
Net Generation	MWh	24.85	0.0	0.0	24.85	0.0	24.85
Total Auxiliaries	MWh	29.06	28.43	118.34	175.83	2.687	178.51
Auxiliaries purchased	MWh	28.432	28.43	118.34	175.204	2.687	177.79
Fuel Gas Used	MMBTU	410.685	0.0	0.0	410.685	0.0	410.685
Fuel Oil Used	MMBTU	0.0	0.0	0.0	0.0	0.0	0.0
Fuel Oil Used	Gallons	0.0	0.0	0.0	0.0	0.0	0.0
Total Fuel	MMBTU	410.685	0.0	0	410.685	0.0	410.685
Net Heat Rate	BTU/KWh	16,527	0.0	0	16,527	0	16,527
Unit Trips	#	0	0	0	0	0	0
Capacity Factor	%	0.2	0.0	0.0	.03	0.0	.02
Availability Factor	%	0.49	0.0	0.0	0.16	0.0	0.12
Commercial Unavailability (CU)	%	0	0	0	0	0	0
Planned Outage Hours	Hours	737.000	737.000	737.000	2,211.000	737.000	2,948.000
Maintenance Outage Hours	Hours	0.0	0.0	0.0	0.0	0.0	0.0
Forced Outage Hours	Hours	0.0	0.0	0.0	0.0	0.0	0.0
Reserve Shutdown Hours	Hours	0.0	0.0	0.0	0.0	0.0	0.0
HW Boiler Gas Usage	MMBTU				0		0
Pilot Gas Usage	MMBTU	0	0		0		0

 # Note: Does not include HWB or Pilot Gas. Fuel usage numbers are taken from fuel flow instruments.

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2012-2013 Fiscal Year-to-Date - November							
		McKee Unit 1	McKee Unit 2	McKee Unit 3	MRS Facility	VanSant Unit 11	Total All Units
Capacity	MW	17	17	102	136	39	175
On Line Hours	Hrs	96.282	71.970	285.597	453.849	22.066	475.915
Starts	#	3	2	26	31	4	35
Gross Generation	MWh	668.79	582.202	18,797.488	20,048.48	714.818	20,763.298
Net Generation	MWh	628.855	541.673	17,317.513	18,488.041	714.287	19,202.328
Total Auxiliaries	MWh	175.257	175.850	2456.057	2,807.165	9.368	2,816.523
Auxiliaries purchased	MWh	135.322	135.322	976.082	1,247.723	8.837	1,255.563
Fuel Gas Used	MMBTU	9,483	8,108,	199,166.724	216,348	8,429,	225,188
Fuel Oil Used	MMBTU	0.0	0.0	0.0	0.0	112.567	112.567
Fuel Oil Used	Gallons	0.0	0.0	0.0	0.0	5,806	5,806
Total Fuel	MMBTU	9,483	8,108,	199,166.724	216,348	8,54	225,301
Net Heat Rate	BTU/KWh	15,021	14,970	11.826	13,939	12,604	13,271
Unit Trips	#	0	0	1	1	0	1
Capacity Factor	%	0.40	0.36	2.35	1.86	0.28	1.67
Availability Factor	%	74.85	74.85	74.85	74.85	75.94	75.12
Commercial Unavailability (CU)	%	0	0	0	0	0	0
Planned Outage Hours	Hours	1,457	1,457	1,457	4,371	1,457	5,828
Maintenance Outage Hours	Hours	0.0	0.0	0.0	0.0	0.0	0.0
Forced Outage Hours	Hours	0.0	0.0	0.0	0.0	0.0	0.0
Reserve Shutdown Hours	Hours	2,122.218	2,143.030	1,929.570	6,194.818	2,192.934	8,387.752
HW Boiler Gas Usage	MMBTU				0		0
Pilot Gas Usage	MMBTU	1,340	1,049		2,389		2,389

Fuel Oil Inventory							
	Monthly Inventory (Start)	Monthly Inventory (End)	Fuel Purchases (Month)	Monthly Inventory (Change)	FY 12-13 Inventory (Start)	Fuel Purchases (YTD)	FY 12-13 Inventory (Change)
McKee Run (#2 Fuel Oil)	452,963	451,200	0	(1,763)	454,725	0	(3,525)
VanSant (#2 Fuel Oil)	144,616	143,942	0	(674)	152,150	0	(8,208)

Note: As measured by tank level instruments. Tank levels may change due to oil temperature.

VanSant Lifetime through 10/31//12			
	Actual Starts	Factored Starts	Fired Hours
VanSant	1303	2230.45	4215.86
Since HGP - Dec 2004	229	566.05	832.28

Capacity Testing – FY 2012-2013					
Summer 2012 (June 1- Aug 31)			**Winter 2012-2013 (Dec 1- Mar 1)**		
Unit	Rated Net Capability (MW)	Reported Net Capability (MW)	Unit	Rated Net Capability (MW)	Reported Net Capability (MW)
1	17	17.0	1	17	*
2	17	17.3	2	17	*
3	102	102.7	3	102	*
VanSant	39	39.0	11	39	*
Total	175	176.0	Total	175	175
Note: * Denotes Unit is qualified for the PJM Winter Demonstration Period Exemption Program					

Team Report:

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

Plant employees continue General Physics safety training and environmental courses to enhance their overall knowledge of permit and safety requirements. As the GPI courses are being completed the employee reviews the standard operating procedure (SMP) for the same topic they are training on to review NAES policy and score a minimum 80% on a quiz before they can complete the SMP.

4.0 Maintenance

During the month of November, the Plant Maintenance staff continued addressing the backlog of work orders and completing outage activities. There were fifty-one work orders issued with fifty-nine work orders being completed during the month. There was no safety work orders entered into the plant's Computerized Maintenance Management System (MP2) during the month. The table below summarizes the monthly work order activities.

Work Order Report

November - 2012

Priority #	Outstanding From Previous Month	Issued This Month	Completed This Month	Outstanding at the end of the month
1	14	1	5	10
2	43	12	18	37
3	49	7	5	51
4	7	1	2	6
5	15	1	0	16
SW1	0	0	0	0
SW2	0	0	0	0
SW3	0	0	0	0
SW4	0	0	0	0
SW5	0	0	0	0
PM	54	29	29	54
Totals	182	51	59	174

Note: PMs are included in the priority totals

Notable activities during the month include:

- All four units were in a planned maintenance outage during the month. Unit 1 was place online for testing.
- NAES Mechanical and IC&E staff continued working on outage related work that returns critical unit equipment to a safe and reliable condition also maintaining unit availability in the most cost effective manner. All work performed in accordance with safe work practices and without impact to the environment.
- STI CEMS was on site to complete the third party calibration and maintenance of the Teledyne 560 LightHawk opacity monitors on all four units. This is an annual audit. No issues were found with any of the monitors.
- APEX Piping System was on site to install a new expansion joint on the hot gas outlet of the Unit 3 Boiler. APEX also replaced the condenser steam drain piping tree on Unit 3 due to thinning of the piping. APEX was also contracted to repair two RH tube leaks discovered during a vacuum test of the RH piping system.

New clips and lugs were also installed while work was being performed in the RH section. Additional work in the reheat section of the boiler will be needed in the spring outage.

- Maintenance staff installed a new spring check valve on the condensate line that goes from the outdoor storage tank to the indoor storage tank. This valve was installed to prevent the water migration from the indoor storage tank to the outdoor storage tank.

5.0 Capital Improvement Projects (CIP)

Project Number	Description	Update
EG1102	Units 1 & 2 Cooling Tower Repairs	Progress: The FY2013 work scope package being developed Schedule: Work scheduled to be completed in the 4th quarter
EG1202	Unit #3 Boiler Systems	Progress: Work scheduled for the Spring 2013 outage. Bid document being developed. Completion at 5%. Schedule: Bids to be obtained in 2nd quarter of 2012 and work to be completed in the spring 2013 outage.
EG1203	Unit 3 Auxiliary System Components	Progress: The FY2013 Spring Outage work scope package is being developed. Schedule: Some work is being performed on the Unit 3 Condenser Drains and other work is scheduled to be complete in the spring outage.
EG1212	Unit 3 Turbine Repairs	Progress: Long lead material requirements being developed for bid. Schedule: Long lead items will be procured in the spring of 2013.
EG1304	Units 1 & 2 Components Repairs	Progress: The FY2013 work scope package being developed Schedule: Work to be completed during the spring outage
EG1306	Turbine Level Window modification	Progress: The FY2013 work scope package being developed Schedule: Work to be completed during the 2nd quarter of 2013.
EG1112	Unit 3 Air Heater Expansion Joint	Progress: Material has been purchased, delivered and has been installed Schedule: Work was completed in November.
EG1309	Unit 3 Stack Repairs	Progress: Scope of work has changed since this project was proposed as the stack inspection performed in spring of 2012 determined stack lining in worse condition than expected. Activities in 2013 will be to develop repair scope and obtain bids for the work. This should be completed in the 3rd FY quarter. Schedule: The scoping of work should be completed in the 3rd FY quarter with bids and revised installation costs identified. Actual repair work will be scheduled for fiscal 2014.
EG1310	Units 1&2 Stack Repairs	Progress: The FY2013 work scope package being developed. Schedule: Work to be completed during the spring outage or deferred until 2014. Inspection was completed in November and report is forthcoming.
EG1311	VanSant Capacity Increase	Progress: Valuation of the benefits of various technologies is underway. Final decision on moving forward with the project has still not been made. Schedule: Installation was scheduled for the 4th quarter but is

		dependent on favorable decision to move forward. At present time, this cannot expect to be completed until late 2013, at the earliest.
EG1312	Unit 3 Generator Repairs	Progress: Parts identification has been completed and parts are on order. Installation bid package being developed. Expect to issue bids in the 2nd FY quarter. Schedule: Installation work to be completed in the 4th quarter.
EG1214	MR Industrial Waste water System	Progress: Mechanical and electrical design is complete. Quotes for Mechanical materials sent out to qualified bidders. Pre-bid set up for December for both mechanical and electrical contractors. Schedule: Installation work planned for the 3rd quarter of FY.
EG1301	Unit 1 Gland Steam Seal Repair	Progress: Work was to be completed in November with a system check of the unit occurring afterwards. Schedule: Work is now complete.

6.0 General Plant Information

After a thorough recruiting search, Christine Dean was brought onboard as the new Plant Administrative Manager. Christine started work on November 13, 2012 and has started to become familiar with NAES and plant procedures. She is tentatively scheduled to go to Issaquah the week of January 14th for training and orientation.

Training:

Topics discussed during the monthly safety committee meeting were reviewed by the entire staff. The monthly safety topic was on "Winter Slip Protection" which provided important information on how to avoid injuries that typically might occur during the wintery season.

Calendar of Events	Date
Units 1, 2, 3 and 11 Fall Outage	October 1, 2012 – December 3, 2012
Two Year Accident Free	October 14, 2012
Winter Capacity Period	December 1, 2012 to February 28, 2013
McKee Run and VanSant Title V Annual Certification Due	February 1, 2013
Annual VanSant Black Start Test	TBD
EIA-860 Report	February 28, 2013
EIA-923 Report	February 28, 2013
NOx Emissions Reconciliation Due	March 1, 2013
SO2 Emissions Reconciliation Due	March 1, 2013
SARA III Report	March 1, 2013
NPDES Permit Renewal Due	March 4, 2013
Units 1, 2, and 3 Spring Outage	March , 2013 – June 1, 2013
Unit 11 Spring Outage	March , 2013 – June 1, 2013
Air Emission Inventory	June 30, 2012
NOx Ozone Season Starts	May 1, 2013
PJM Summer Capacity Test Period	June 1, 2013 – August 31, 2013
Toxic Release Inventory (TRI) Annual Report	July 1, 2013
McKee Run and VanSant Title V Semi-Annual Certification Due	August 1, 2013
DRBC Study Due	September 15, 2013
NOx Ozone Season Ends	September 30, 2013

7.0 Summary of NAES Performance to Date

Measure	Plant Performance FY 2012-2013 Month		Year to Date		YTD Incentive	FY Maximum Incentive
Commercial Unavailability (CU)	0%		0%		$92,128	$92,128
Safety	0		0		$17,273	$17,273
Environmental	0		0		$17,273	$17,273
Capacity Tests Completed	Summer	Winter	Summer	Winter		
Unit 1	No	No	Yes	Yes*	$3,455*	$3,455
Unit 2	No	No	Yes	Yes*	$3,455*	$3,455
Unit 3	No	No	Yes	Yes*	$20,520*	$20,520
Unit 11	No	No	Yes	Yes*	$6,840*	$6,840
Total YTD Incentive %	100.00%		***Total YTD Incentive***		$161,224	$161,224

Note: Units 1 and 2 PJM Summer Capacity Tests have been successfully completed and would be entered into the PJM Winter Capacity Test Exemption Program*. The YTD Incentive calculation reflects this information.

IV. Appendix – PJM Invoice Breakdown

	Gen	Load	Grand Total
Auction Revenue Rights		$ (1,081.20)	$ (1,081.20)
Balancing Operating Reserve		$ 23,734.78	$ 23,734.78
Balancing Spot Market Energy	$ (1,121.56)	$ (172,451.00)	$ (173,572.56)
Balancing Transmission Congestion	$ (138.27)	$ 8,824.81	$ 8,686.54
Balancing Transmission Losses	$ (55.40)	$ 4,613.14	$ 4,557.74
Black Start Service	$ (6,905.58)	$ 1,869.02	$ (5,036.56)
Capacity Resource Deficiency		$ (224.95)	$ (224.95)
Capacity Transfer Rights		$ (32,243.40)	$ (32,243.40)
Day-ahead Operating Reserve		$ 14,932.66	$ 14,932.66
Day-ahead Scheduling Reserve		$ 72.58	$ 72.58
Day-ahead Spot Market Energy		$ 625,407.19	$ 625,407.19
Day-ahead Transmission Congestion		$ 114,911.45	$ 114,911.45
Day-ahead Transmission Losses		$ 112,028.78	$ 112,028.78
Expansion Cost Recovery		$ 413.70	$ 413.70
FERC Annual Recovery		$ 3,933.41	$ 3,933.41
Generation Deactivation Refund		$ (744.31)	$ (744.31)
Inadvertent Interchange		$ 819.58	$ 819.58
Load Reconciliation for Balancing Operating		$ (1.83)	$ (1.83)
Load Reconciliation for FERC Annual Recovery		$ (7.55)	$ (7.55)
Load Reconciliation for Inadvertent Interchange		$ 0.24	$ 0.24
Load Reconciliation for Market Monitoring Unit (MMU) Funding		$ (0.47)	$ (0.47)
Load Reconciliation for North American Electric Reliability Corporation (NERC)		$ (1.18)	$ (1.18)
Load Reconciliation for PJM Scheduling, System Control and Dispatch Service		$ (22.64)	$ (22.64)
Load Reconciliation for PJM Scheduling, System Control and Dispatch Service Refund		$ 1.01	$ 1.01
Load Reconciliation for Reactive Services		$ (161.26)	$ (161.26)
Load Reconciliation for Regulation and Frequency Response Service		$ (24.34)	$ (24.34)
Load Reconciliation for Reliability First		$ (1.48)	$ (1.48)
Load Reconciliation for Schedule 9-6 - Advanced Second Control Center		$ (2.83)	$ (2.83)
Load Reconciliation for Spot Market Energy		$ (3,899.89)	$ (3,899.89)
Load Reconciliation for Synchronized Reserve		$ (6.15)	$ (6.15)
Load Reconciliation for Transmission Congestion		$ (121.86)	$ (121.86)
Load Reconciliation for Transmission Losses		$ (121.43)	$ (121.43)
Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch		$ (8.15)	$ (8.15)
Locational Reliability		$ 953,933.56	$ 953,933.56
Market Monitoring Unit (MMU) Funding		$ 260.24	$ 260.24
Meter Error Correction		$ (1,881.20)	$ (1,881.20)
Network Integration Transmission Service		$ 285,936.60	$ 285,936.60
Non-Firm Point-to-Point Transmission Service		$ (645.90)	$ (645.90)

North American Electric Reliability Corporation		$ 616.58	$ 616.58
Organization of PJM States, Inc. (OPSI) Funding		$ 39.39	$ 39.39
PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center		$ 1,603.45	$ 1,603.45
PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.		$ 918.30	$ 918.30
PJM Scheduling, System Control and Dispatch Service - Control Area Administration		$ 9,659.41	$ 9,659.41
PJM Scheduling, System Control and Dispatch Service - Market Support		$ 2,184.11	$ 2,184.11
PJM Scheduling, System Control and Dispatch Service - Market Support Offset		$ (319.81)	$ (319.81)
PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration		$ 102.07	$ 102.07
PJM Scheduling, System Control and Dispatch Service Refund - Capacity Resource/Obligation		$ (165.99)	$ (165.99)
PJM Scheduling, System Control and Dispatch Service Refund - Control Area Administration		$ (1,861.10)	$ (1,861.10)
PJM Scheduling, System Control and Dispatch Service Refund - Market Support		$ (423.42)	$ (423.42)
PJM Scheduling, System Control and Dispatch Service Refund - Regulation Market		$ (22.35)	$ (22.35)
PJM Settlement, Inc.		$ 319.81	$ 319.81
Reactive Services		$ 1,099.37	$ 1,099.37
Reactive Supply and Voltage Control from Generation and Other Sources Service	$ (29,467.58)	$ 32,467.96	$ 3,000.38
Regulation and Frequency Response Service		$ 23,337.99	$ 23,337.99
Reliability First Corporation (RFC)		$ 770.69	$ 770.69
RPM Auction	$ (1,167,075.00)		$ (1,167,075.00)
Synchronized Reserve		$ 19,288.76	$ 19,288.76
Transmission Enhancement		$ 18,945.11	$ 18,945.11
Transmission Losses		$ (24,606.80)	$ (24,606.80)
Transmission Owner Scheduling, System Control and Dispatch Service		$ 4,241.68	$ 4,241.68
Day-ahead Operating Reserve for Load Response		$ 0.03	$ 0.03
Balancing Operating Reserve for Load Response		$ 4.58	$ 4.58
Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding		$ (0.08)	$ (0.08)
Load Reconciliation for Day-ahead Scheduling		$ (0.35)	$ (0.35)
Load Reconciliation for Synchronous Condensing		$ (0.07)	$ (0.07)
Emergency Load Response		$ (36.36)	$ (36.36)
Demand Resource and ILR Compliance Penalty		$ (92.70)	$ (92.70)
PJM Annual Membership Fee		$ 5,000.00	$ 5,000.00
Day-Ahead Load Response Charge Allocation		$ 87.17	$ 87.17
Real-Time Load Response Charge Allocation		$ 519.32	$ 519.32
Incremental Capacity Transfer Rights		$ (1,003.50)	$ (1,003.50)
Michigan - Ontario Interface Phase Angle		$ 183.87	$ 183.87
Non-Synchronized Reserve		$ 1,914.04	$ 1,914.04
CT Lost Opportunity Cost Allocation		$ (5.28)	$ (5.28)
Grand Total	**$ (1,204,763.39)**	**$ 2,032,805.61**	**$ 828,042.22**

FUND SUMMARY as of 01/28/2013

Total Collected	$847,907.14
DEMEC Admin Fee Paid	$37,984.60
State Admin Fee Paid	$17,752.88
Grants Paid	$664,208.32
Customer Only Grants/Fees Reserved and Amount Owed	$33,358.63
Community Project Funds Requested	$367,050.00
Energy Depot Paid	$41,672.60
Efficiency Programs Paid	$34,068.34
Solar Electric Power Association (SEPA) Fee	$2,158.81
*Unencumbered Funds Available	**$12,569.98**
Funding Shortfall	
Current Grant Payment Delay (Months)	**0.0**

* As of 01/28/2013

GRANTS PAID

Date Grant Paid	Applicant	Type	Grant Amount Paid	Review Fee Paid	Amount Owed
9/21/2007	Laura Drew Kelly	Geo - Res	$ 3,000.00	$ 225.00	$ -
12/5/2007	Domingo Reye	Solar - Res	$ 12,762.50	$ 750.00	$ -
4/16/2008	Lakeland Commercial Group	Geo - Comm	$ 10,800.00	$ 750.00	$ -
6/19/2008 & 08/25/2008	L.D. Shank - Triad Farms	Solar - Comm	$ 30,000.00	$ 750.00	$ -
10/6/2008	City of Dover	Solar - Comm	$ 40,820.00	$ 750.00	$ -
10/21/2008	Robert & Cynthia Hartman	Geo HP- Res	$ 1,800.00	$ 135.00	$ -
10/21/2008	Robert Varipapa	Geo HP- Res	$ 2,400.00	$ 180.00	$ -
2/27/2009	David Jump	Solar - Res	$ 15,000.00	$ 750.00	$ -
2/27/2009	Jakob Seren	Solar - Res	$ 15,000.00	$ 750.00	$ -
2/27/2009	William Sweet	Solar - Res	$ 15,000.00	$ 750.00	$ -
3/31/2009	LD Shank - Triad Farms	Solar WH-Comm	$ 3,000.00	$ 225.00	$ -
3/31/2009	Warren & Joan Seaver	Geo HP- Res	$ 3,000.00	$ 225.00	$ -
4/22/2009	William Sweet	Solar HW	$ 3,000.00	$ 225.00	$ -
4/28/2009	State of DE/DNREC - DE National	Solar - Comm	$ 30,000.00	$ 750.00	$ -
4/29/2009	Delaware Primary Care, LLC	Solar - Comm	$ 30,000.00	$ 750.00	$ -
9/11/2009	NCALL	Solar - Comm	$ 30,000.00	$ 750.00	$ -
9/11/2009	D. Brian Beckman	Geo HP- Res	$ 2,000.00	$ 150.00	$ -
9/21/2009	LKSC Dover, LLC Kids Cottage	Solar - Comm	$ 29,925.00	$ 750.00	$ -
10/5/2009	Mark F. Boller	Geo HP- Res	$ 3,000.00	$ 225.00	$ -
10/5/2009	John Welgan	Solar - Res	$ 15,000.00	$ 750.00	$ -
11/4/2009	LKSC Dover, LLC Kids Cottage	Geo - Comm	$ 12,000.00	$ 750.00	$ -
3/25/2010	Minaxi Patel	Solar - Res	$ 15,000.000	$ 750.000	$ -
3/23/2010	J. McGiffin Jr. & K. Doyle	Geo HP- Res	$ 3,000.000	$ 225.000	$ -
5/28/2010	Nancy Warner	Geo HP- Res	$ 1,200.000	$ 90.000	$ -
6/2/2010	David Teel	Geo HP - Res	$ 1,800.000	$ 135.000	$ -
6/2/2010	Dewey J. Barich	Geo HP- Res	$ 2,400.00	$ 180.000	$ -
7/12/2010	Mike & Sharonb Laverty	Solar - Res	$ 5,105.000	$ 382.880	$ -
8/19/2010	James Grilli	Geo HP- Res	$ 1,800.00	$ 135.000	$ -
8/19/2010	Michael Noble	Solar - Res	$ 15,000.000	$ 750.000	$ -
9/17/2010	David Teel	Solar - Res	$ 7,500.000	$ 562.500	$ -
3/8/2011	Michael & Carol Apgar	Solar - Res	$ 7,500.000	$ 562.500	$ -
3/17/2011	Elizabeth Murphey School	Geo HP - Comm	$ 9,200.000	$ 690.000	$ -
5/24/2011	Richard Avant	Geo HP - Res	$ 2,400.000	$ 180.000	$ -
6/23/2011	Charles Messina Plumbing	Solar - Comm	$ 10,000.000	$ 750.000	$ -
10/4/2011	Charles Bounds	Geo HP - Res	$ 1,800.000	$ 135.000	$ -
3/29/2011	Psychiatric Access Central DE	Solar - Comm	$ 13,187.500	$ 750.000	$ -
7/8/2011	Michael J. Kopp	Geo - Res	$ 2,300.000	$ 135.000	$ 37.50
10/17/2011	City of Dover **	Geo HP	$ 48,267.000	$ -	
3/7/2012	Ruth Ann Piper	Geo - Res	$ 1,200.000		$ 90.00
3/7/2012	Robert Hall	Geo - Res	$ 3,000.000		$ 225.00
3/7/2012	Elizabeth Murphey School	Geo - Comm	$ 13,800.000		$ 750.00
3/7/2012	Elizabeth Murphey School	Geo - Comm	$ 12,000.000		$ 750.00
3/7/2012	Elizabeth Murphey School	Geo - Comm	$ 5,400.000		$ 405.00
3/7/2012	Elizabeth Murphey School	Geo - Comm	$ 1,800.000		$ 135.00
3/7/2012	Elizabeth Murphey School	Geo - Comm	$ 10,200.000		$ 750.00
3/7/2012	Frank Daniels	Geo - Res	$ 4,400.000		$ 330.00
8/15/2012	Chong S. Tamburo-Lepage	Geo - Res	$ 2,300.00		$ 172.50
12/19/2012	Christopher W. Los	Geo - Res	$ 3,000.00		$ 225.00
		Total	**$ 512,067.00**	**$ 17,752.88**	**$ 3,870.00**

ARRA RELIEF GRANTS PAID

Paid by State	Customer	System Type	Amount
6/10/2011	Arturo Sanchez	Solar - PV	$ 7,500.00
10/19/2011	John Diamond Enterprise LLC	Solar - PV - Com	$ 30,000.00
10/19/2011	John Diamond Enterprise LLC	Geo HP - Com	$ 10,000.00
		Total	**$ 47,500.00**

PENDING APPLICATIONS

Status	Applicant	Type	Grant Reservation Request	Review Fee
Reservation Approved - Pending Completion	ABRA Associates, LLC	Solar - PV - Com	$10,770.00	$750.00
Reservation Approved - Pending Completion	Delaware Tech	Solar - PV - Com	$6,940.00	$520.50
Reservation Approved - Pending Completion	Dennis Ho	Solar - Res	$6,775.00	$508.13
Reservation Approved - Pending Completion	Matthew and Kimberly Chesser	Geo - Res	$3,000.00	$225.00
		Total	**$27,485.00**	**$2,003.63**

ENERGY DEPOT FEES

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, April, 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
10/2/2012	Sept, Oct, Nov 2012	$1,692.13
12/12/2012	Dec 09, Jan, Feb 2013	$1,692.13
	Total Paid	**$41,672.60**

ENERGY EFFICIENCY CAMPAIGNS/EDUCATION PROGRAMS

Paid	Program Measure	Amount
10/21/2008	1,500 CFL Campaign & Educational Literature	$5,012.29
12/11/2008	Reimbursement for Green	$3,459.12
3/31/2009	Thermal Imager for Home Audits Program	$5,581.12
1/4/2011	Eco @ Home Energy Conserv. Calendars	$20,015.81
	Total	**$34,068.34**

Dover Library Commuity Grant Project

Collections

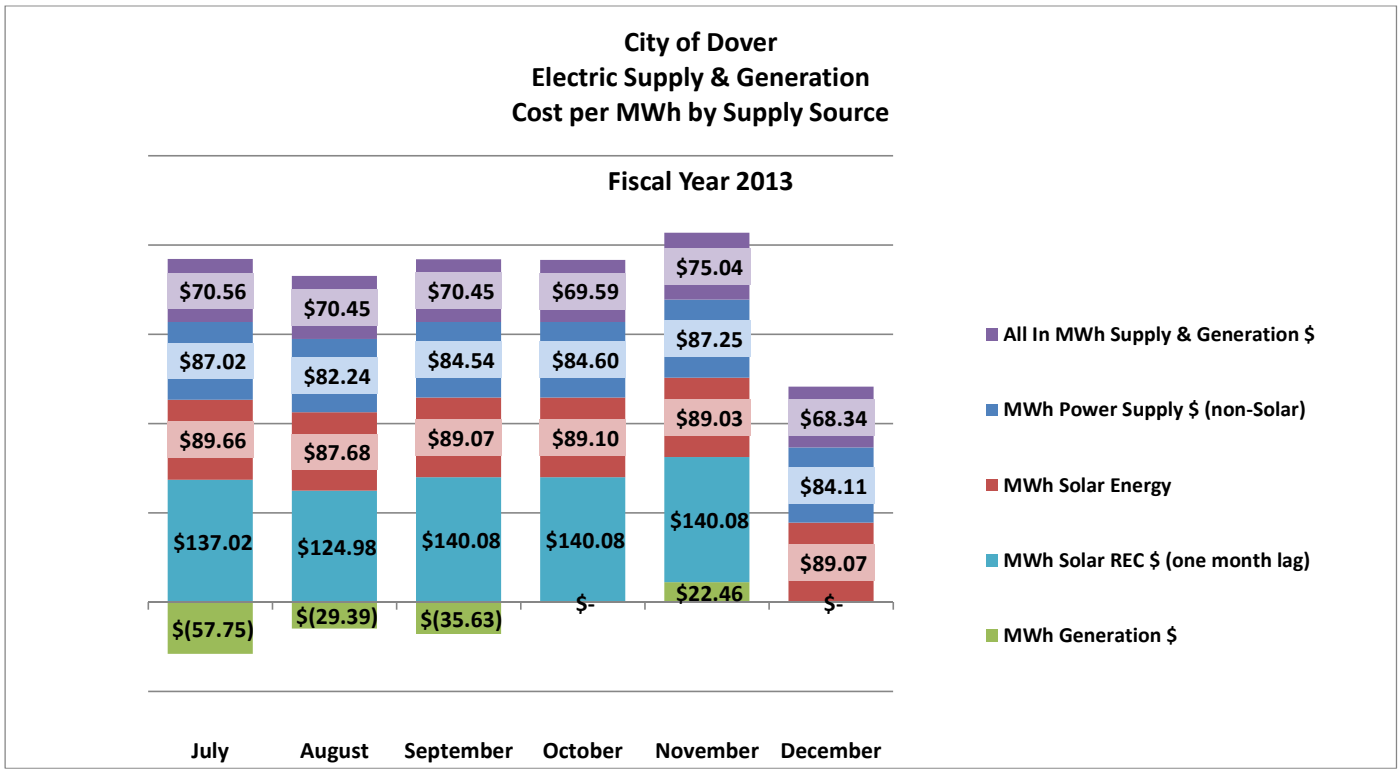
$5,021.15	1/2 of Oct 2009 GEF Payment
$4,783.94	1/2 of Nov 2009 GEF Payment
$4,813.23	1/2 of Dec 2009 GEF Payment
$5,454.02	1/2 of Jan 2010 GEF Payment
$5,147.49	1/2 of Feb 2010 GEF Payment
$4,897.69	1/2 of March 2010 GEF Payment
$3,976.14	1/2 of April 2010 GEF Payment
$5,638.90	1/2 of May 2010 GEF Payment
$5,645.35	1/2 of June 2010 GEF Payment
$6,590.60	1/2 of July 2010 GEF Payment
$7,786.09	1/2 of August 2010 GEF Payment
$6,415.31	1/2 of Sept 2010 GEF Payment
$5,327.96	1/2 of Oct 2010 GEF Payment
$4,787.73	1/2 of Nov 2010 GEF Payment
$4,939.75	1/2 of Dec 2010 GEF Payment
$5,452.55	1/2 of Jan 2011 GEF Payment
$5,410.35	1/2 of Feb 2011 GEF Payment
$4,646.32	1/2 of March 2011 GEF Payment
$4,742.22	1/2 of April 2011 GEF Payment
$4,702.48	1/2 of May 2011 GEF Payment
$5,664.97	1/2 of June 2011 GEF Payment
$6,430.15	1/2 of July 2011 GEF Payment
$6,916.50	1/2 of Aug 2011 GEF Payment
$6,149.31	1/2 of Sept 2011 GEF Payment
$5,243.92	1/2 of Oct 2011 GEF Payment
$4,829.91	1/2 of Nov 2011 GEF Payment
$4,531.81	1/2 of Dec 2011 GEF Payment
$4,990.50	1/2 of Jan 2012 GEF Payment
$5,071.81	1/2 of Feb 2012 GEF Payment
$4,828.32	1/2 of March 2012 GEF Payment
$4,857.07	1/2 of April 2012 GEF Payment
$4,230.04	1/2 of May 2012 GEF Payment
$5,711.19	1/2 of June 2012 GEF Payment
$6,085.89	1/2 of July 2012 GEF Payment
$7,347.66	1/2 of Aug 2012 GEF Payment
$6,453.66	1/2 of Sept 2012 GEF Payment
$4,886.43	1/2 of Oct 2012 GEF Payment
$4,132.99	1/2 of Nov 2012 GEF Payment
	1/2 of Dec 2012 GEF Payment

$204,541.31	**Total Collections**	
		Total Dover Lib. Draws to Date
$48,267.00		**10/17/2011**
$152,141.32		**12/5/2012**
$4,132.98		**Total Funds Available for Draw**

City of Dover
Electric Revenue Fund
FY 2013 by Month
Electric Supply & Generation - Cost per MWh by supply source

	July	August	September	October	November	December	YTD
Power Supply & Generation							
Power Supply - Hedged Energy	$ 4,223,076	$ 3,922,292	$ 3,188,284	$ 2,897,450	$ 2,769,375	$ 2,870,476	$ 19,870,953
Power Supply Management	83,000	83,000	83,000	83,000	83,000	83,000	498,000
Capacity Charges - Load	950,098	950,128	919,482	950,133	920,462	950,423	5,640,726
Dover Sun Park - Energy	188,115	165,987	149,808	90,971	79,150	54,242	728,272
Dover Sun Park - REC's	43,161	39,370	35,300	21,432	18,631	-	157,894
PJM Charges - Energy	802,211	606,534	450,504	314,812	452,956	393,584	3,020,601
PJM Charges - Transmission & Fees	918,146	695,232	561,029	468,221	659,388	553,192	3,855,208
Total Power Supply	7,207,807	6,462,542	5,387,407	4,826,019	4,982,962	4,904,916	33,771,653
Plant Operations	635,784	440,669	401,557	386,058	506,844	354,376	2,725,288
Generation Fuel	612,486	203,309	126,388	-	1,854	2,255	946,292
Capacity Credits	(1,205,978)	(1,205,978)	(1,167,075)	(1,205,977)	(1,167,075)	(1,205,978)	(7,158,061)
PJM Spot Market Energy - Dispatch	(1,314,170)	(327,757)	(222,362)	-	(1,315)	-	(1,865,604)
PJM Credits (Black Start/Reactive Pwr)	(87,990)	(39,939)	(37,091)	(36,373)	(36,373)	(72,746)	(310,512)
Total Generation	(1,359,868)	(929,696)	(898,583)	(856,292)	(696,065)	(922,093)	(5,662,597)
Total Power Supply & Plant	5,847,939	5,532,846	4,488,824	3,969,727	4,286,897	3,982,824	28,109,056
Budget Load (MWh)	**79,471**	**72,771**	**60,787**	**59,094**	**53,533**	**58,224**	**383,880**
Actual Gross Load (MWh) - Total Supply	82,270	77,973	63,216	56,736	56,881	58,283	395,359
Actual Gross Load (MWh) - PJM	80,172	76,080	61,534	55,715	55,992	57,674	387,167
MWh Hedged	63,480	59,400	48,720	46,450	44,695	46,048	308,793
MWh Unhedged	4,541	12,445	10,120	9,265	11,273	11,626	59,270
MWh Generated	12,151	4,235	2,694	-	24	-	19,104
MWh Purchased/Generated - Solar	2,098	1,893	1,682	1,021	889	609	8,192
MWh Power Supply $ (non-Solar)	$ 87.02	$ 82.24	$ 84.54	$ 84.60	$ 87.25	$ 84.11	$ 84.94
MWh Solar Energy	$ 89.66	$ 87.68	$ 89.07	$ 89.10	$ 89.03	$ 89.07	$ 88.90
MWh Generation $	$ (57.75)	$ (29.39)	$ (35.63)	$ -	$ 22.46	$ -	$ (48.12)
Net Plant Revenue $ (non-Generation)	$ (658,184)	$ (805,248)	$ (802,609)	$ (856,292)	$ (696,604)	$ (924,348)	$ (4,743,285)
All In MWh Supply & Generation $	$ 70.56	$ 70.45	$ 70.45	$ 69.59	$ 75.04	$ 68.34	$ 70.70
Solar REC's MWh	315	315	252	153	133		1,168
MWh Solar REC $ (one month lag)	$ 137.02	$ 124.98	$ 140.08	$ 140.08	$ 140.08		$ 135.18

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City of Dover
Electric Supply & Generation
Cost per MWh by Supply Source
Fiscal Year 2013
$70.56
$87.02
$89.66
$137.02
$(57.75)
$70.45
$82.24
$87.68
$124.98
$(29.39)
$70.45
$84.54
$89.07
$140.08
$(35.63)
$69.59
$84.60
$89.10
$140.08
$-
$75.04
$87.25
$89.03
$140.08
$22.46
$68.34
$84.11
$89.07
$-
July
August
September
October
November
December
All In MWh Supply & Generation $
MWh Power Supply $ (non-Solar)
MWh Solar Energy
MWh Solar REC $ (one month lag)
MWh Generation $

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