UTILITY COMMITTEE
A G E N D A

JUNE 10, 2013 - 5:30 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. **Proposed Revisions to the Dark Fiber Leasing Standard Operating Policy**
   (Staff Recommends Approval of the Revisions, As Submitted)

2. **TEA/NAES Report** *(February)*
   (Committee Action Not Required)

3. **Quarterly Review of Utility Related Capital Investment Plan (CIP) (Electric and Water/Wastewater)(January, February, and March)**
   (This Item Was Deferred in May Due to the Annual Council Meeting) (Committee Action Not Required)

4. **Updates**
   - **A. Calpine Energy Center**
     (Committee Action Not Required)
   - **B. Dover Sun Park**
     (Committee Action Not Required)
   - **C. Garrison Oak Technical Park Project**
     (Committee Action Not Required)

5. **Adjournment by 5:55 p.m.**

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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 NO.:**
DEPARTMENT OF ORIGIN: Electric Department.	**DATE SUBMITTED**: 5-28-13
PREPARED BY: Steve Enss, Interim Electric Director	
SUBJECT: Dark Fiber Policy Revision of Cost	
REFERENCE: N/A	
RELATED PROJECT: N/A	
APPROVALS: City Manager, Controller	
EXHIBITS: Policy (page 6)	
EXPENDITURE REQUIRED: **N/A** **AMOUNT BUDGETED**: NA **FUNDING SOURCE (Dept./Page in CIP & Budget)**: NA	
TIMETABLE: To become effective upon Council approval.	
RECOMMENDED ACTION: Staff recommends that the attached Dark Fiber Leasing Standard Operating Policy be revised as submitted.	

BACKGROUND AND ANALYSIS

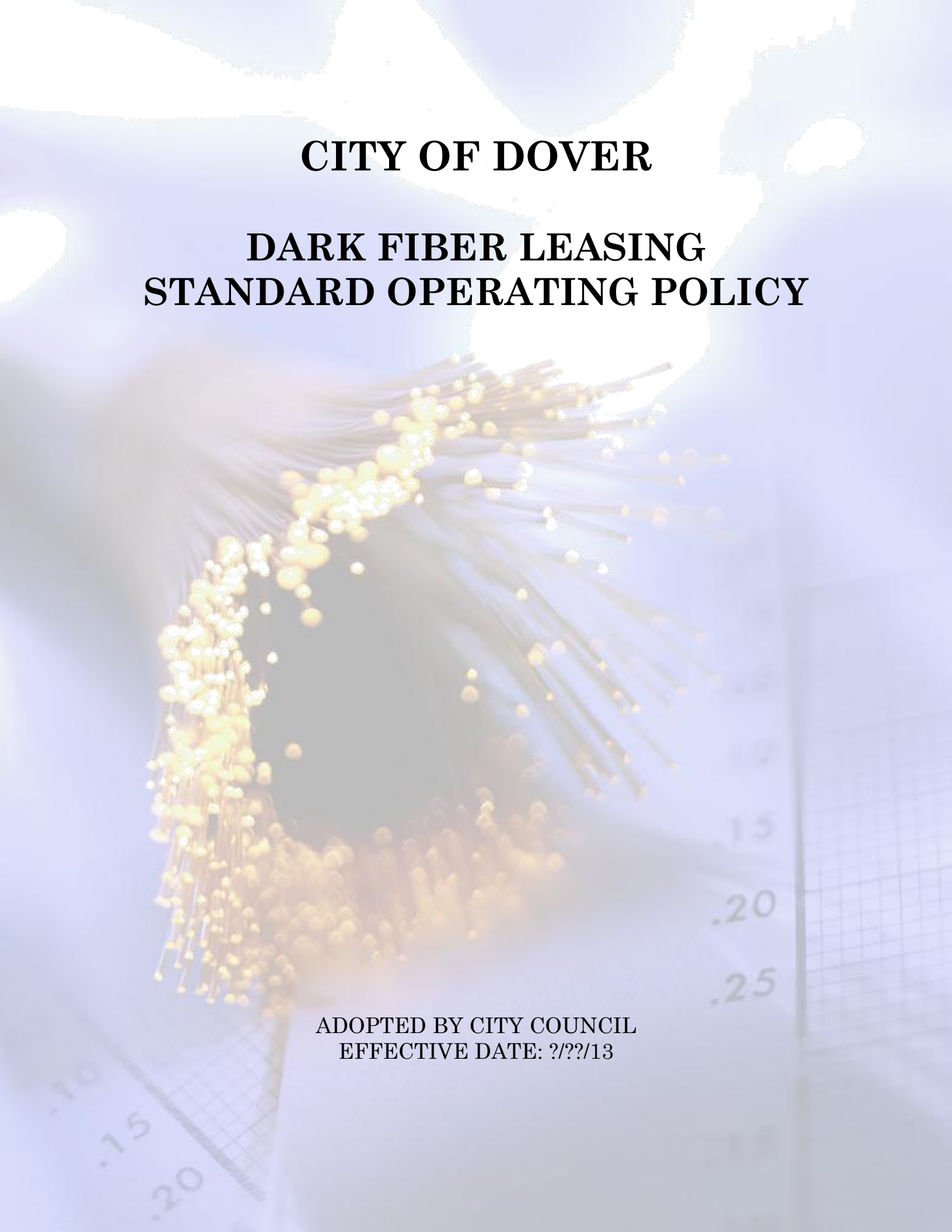
The City of Dover Electric Department owns and operates a fiber optic loop around the perimeter of the City. This loop is used as part of the electric transmission protection system, two-way radio communication system, and data/telephone transmission for City and Utility facilities. Within this fiber network there are spare fibers that are not utilized or planned to be utilized in the near future. Bayhealth Medical Center, Windstream and the State of Delaware have all leased lines from the Electric Department. The original policy was created and approved by City Council January 14, 2008.

Dark fiber leasing is a common practice among Public Power Utilities as a method to enhance utilization of fiber assets, provide customers an affordable high-speed communication path, and generate additional revenue to offset operation expenses. Dark fiber leasing is a practice where the utility would provide a fiber path between two points and the customer installs the electronic communication equipment which provides the communication path.

Based on the abundant request for fiber optic installations in FY13, we felt that our rates may need to be adjusted. The requests that were approved, accounted for about 42% of our new service budget. We investigated our cost compared to other local fiber optic providers and found that our rates were much lower than that of other local providers. We found that the going rate for private fiber suppliers was $65 to $125 per mile/pair/month. Converting our rate to the same rate structure would be equivalent to $10.08 per mile/pair/month. It is our recommendation that the rate be adjusted to $.005 per strand/foot/month. This would be equivalent to $52.80 per mile/pair/month.

CITY OF DOVER

DARK FIBER LEASING
STANDARD OPERATING POLICY



ADOPTED BY CITY COUNCIL
EFFECTIVE DATE: ?/??/13

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DARK FIBER LEASING
STANDARD OPERATING POLICY

Overview

The City of Dover Public Utilities, Electric Division, (COD) owns certain fiber optic facilities and desires to lease certain unused fiber-strands on its metropolitan area fiber optic communications network (facilities) to private parties. This concept will initiate enhanced utilization of assets, provide customers affordable dark fiber usage, and generate additional revenue.

The City of Dover believes that the interests of the consumer-owners will be well served by using a portion of City's unused fiber optic capacity in accordance with the rules and regulations contained herein.

These requirements do not replace, but are supplemental to ordinances adopted by the Dover City Council and your elected officials which set the policy for the City of Dover Public Utilities (COD).

The COD may from time to time supplement, alter or otherwise change the policies contained herein as may be necessitated by changing conditions for the protection of the interest of the customer, the COD, or the general public.

Grant of Lease

The COD hereby grants to customers, a license to use excess fibers in the COD fiber optic network ("Dark fiber"), as identified on a case-by-case basis, as determined by the City of Dover Public Utilities, Electric Engineering Division. In instances where the COD does not have spare fiber, fiber may be installed and paid for by the customer as outlined in this Standard Operating Policy (SOP). The COD retains the right to use and otherwise lease additional fibers along the COD fiber optic network as it sees fit, this is not an exclusive right.

No use of the COD facilities or payment of any charges required under this lease shall create or vest in the customer any easements or other ownership of property rights of any nature in the dark fiber or the COD facilities.

Terms

Length of Agreement

The term of agreement for fiber leasing may be granted for five-years (5) or ten-years (10) by mutual agreement between the COD and the customer. The lease rate at the time of the installation shall be leveled at the agreed upon rate for the term of the initial agreement subject to the annual escalation

fee as defined in "Annual Escalation Fee" below. At the end of the initial term of the agreement, the customer shall have the right to renew this lease, subject to COD consent, for an additional five (5) years at the lease rate effective at the time the lease is renewed. The customer shall receive a minimum of 90 days written notice of cancellation of this agreement upon the expiration of the initial agreement.

Immediately upon termination by the expiration of the term hereof or otherwise, the customer shall peaceably surrender the dark fiber to the COD in the original condition, with exception to reasonable wear and tear.

Annual Escalation Fee

The annual fee for the dark fiber will escalate based on the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W): Selected areas, all items index - Philadelphia-Wilmington-Atlantic City PA-NJ-DE-MD (CPI) as published by the U.S. Department of Labor's Bureau of Labor Statistics not to exceed 5% increase per year but not less then current year's fee.

Request for Service Form

When a customer desires to investigate the option of leasing dark fiber from the COD, the customer shall complete a Dark Fiber Application which will include the requesters name, company if applicable, fiber strands desired, location of requested access points, and related information.

The COD will investigate the feasibility of the application with the customer, and if determined feasible, the COD will collect the Engineering Fee as outlined on Page 7 – "Engineering Fee". Upon payment of the Engineering Fee the COD will develop a comprehensive project plan which will also include an estimated monthly fee as outlined on Page 6 - "New Extension Fee" and "Existing Fiber Lease Fee". If the customer accepts the project plan and fee schedule, the final section of the Dark Fiber Application shall be executed which commits both the customer and the COD to completion of the project and compensation.

Route and Design

The COD Engineering Division will develop the route and design of any new extensions. The customer has the right to accept, reject, or suggest alternatives in the design; however, the COD decision will be final.

Compensation

Lease Fee

The customer shall pay to the COD for use of the Dark fiber a lease fee subject to adjustments as provided below.

Fees will be based on the date of acceptance of the fiber for the initial lease term and shall be priced at "dollars/fiber strand/foot/month".

New Extension Fee

The lease rate will be based on total cost recovery of any new extension during the initial term, plus 5% annually for maintenance and an 8.5% annual rate of return. The customer that requests the extension shall be responsible for the entire cost of the extension.

- If within one-half of the initial lease term another party wishes to connect to the extension the new second party will be responsible for one-half of the original extension fee for the section they are using.
- The initial customer will have their portion of the extension lease rate reduced by 50% for the duration of the contract.
- It will not be retroactive and will only apply from that period forward.
- If the new party starts leasing after the one-half period, the original party pays the entire fee as developed in the original contract term.
- For example: Customer A is paying $200/month for a new extension fee and $100 for lease of the COD existing fiber for a total of $300 per month for a ten year lease.
    - If in year 4, customer B decides to lease fiber from the COD and the COD utilizes ½ of customer A's original extension the following formula will be utilized:
        - $200/month x 72 months (months remaining in the original extension fee) = $14,400 (balance of funds owed the COD)/2 (fiber length used) = $7,200 (funds needed to pay the cost of the extension)/2 (cost split between the two parties) $3,600 = revenue needed from both parties. This will result in party A paying $3,600 + $7,200 (for extension fee)/72 (months left in lease term) = $150 + $100 (both monthly fees) for original lease of COD existing fiber for a monthly total of $250.
    - Customer B will pay $3,600 for the lease of the original extension and the monthly total will be prorated for the duration of the new contract plus any lease fees for the existing COD fiber.
    - If Customer B uses the Customer A fiber after the original contract has been in effect for more than ½ of the original term, then Customer A continues to pay the original payment and Customer B will be charged for the fiber under the Existing Fiber lease rate.

- Extension installation

  Only COD personnel (or their designee) will install fiber extensions. The customer will be responsible for all expenses incurred by the COD, prorated into the monthly fee.

Existing Fiber Lease Fee

For installations where the COD determines that is~~t~~ has spare fibers and the fiber route is not part of a new extension lease the ~~leasing~~ rate shall be ~~based on an estimated cost of the current installation. This cost assumes a ten (10) year depreciation plus 5% annually for maintenance and an 8.5% annual rate of return.~~ ~~This cost is $0.0009541~~ $0.005/fiber strand/foot/month. This rate shall be reviewed annually based on current dark Fiber Lease agreements in the local area.

Lease payments

Fees shall be calculated on a monthly basis and paid annually, in advance, and shall be billed on the first business day of the month after the customer accepts the fiber. The fees will be considered due and payable at the time the customer is billed. No fees will be due until both the COD and the Customer agrees on the acceptance date, which approval will not be unreasonably withheld. If the acceptance date occurs after the beginning of the month, the first monthly fee shall be prorated from the acceptance date to the beginning of the next month: however, the prorated fees shall be for that partial month only and will be added to the following years annual fee, both of which will be billed on the beginning of the next month.

Damage to COD Facilities

The COD will be compensated for any damages to the COD facilities caused by the customer or their contractor.

Engineering Fee

A one-time engineering fee of $200 (two-hundred dollars) will be charged for each splice location where the customer proposes to access the COD fiber optic network and/or each customer access point. This fee covers the documentation cost for the splice location and design for the installation. Installation costs and lease payments are not included in this amount.

Estimate Accuracy

During the development of the cost estimates for the dark fiber lease, the customer will have the opportunity to examine the components of the costs to ensure its accuracy. The actual cost will be based on the true cost of installation of new extensions and the formula accepted by the governing body for costs related to existing fiber. The customer will execute the request for service form based on the estimated costs and thereby accept the actual cost upon completion. The COD will guarantee that the actual cost will not increase more than 10% over the estimate but may be lower if the actual cost is less than the estimated cost.

Testing and Acceptance of Dark fiber

The COD will perform acceptance tests to ensure that the dark fibers meet the standard industry specifications. The COD will provide the customer with written results of such tests, if requested by the customer. If the dark fibers fail to meet the standard industry specifications, the COD shall repair or substitute fibers that meet the required tests and specifications, unless the customer otherwise accepts the original fibers. Upon receipt of test results, if requested, the customer shall accept the dark fibers and such date shall be the Acceptance Date. Under no circumstances shall the customer accept the dark fibers later than thirty days after the COD completes the acceptance test.

Accessing Access Points

The COD shall have nonexclusive ingress and egress rights to access the dark fiber at the access points ("Access Points") shown on the Request for Service Form at all times for construction, installation, operation, inspection, maintenance, repair and removal of COD facilities. If additional access to termination locations is required after initial installation, the COD should provide seventy-

two (72) hour notice prior to accessing the site(s) when practical. At location(s) where the customer is accessing the fiber at COD locations the customer will provide forty-eight (48) hour notice to the COD prior to accessing the site(s). The customer will notify the COD if possible disruption of the dark fiber circuit might occur.

New Fiber Installations

The COD will install new fiber extensions, including the appropriate hardware, and provide any splicing required in conjunction with the project with either internal staff or contractors, solely at the COD discretion.

Access Points

The COD will be responsible for all cost of material and installation of the access point(s) for the COD facilities which are located at the customers' demarcation point. The access point(s) will normally be a patch panel unless mutually agreed upon to be a splice point.

Demarcation

The COD will provide the patch panel and terminations of the COD fiber at the patch panel. The point of demarcation will be the patch panel connectors or up to, but not including, the splice. The COD shall retain ownership of designated splice tray, which contains dark fiber or the patch panel, but shall not have ownership of any fiber or equipment beyond this point.

Equipment Security

The COD shall not provide security for the customer and shall not be liable for burglary, vandalism, losses, or damage, unless the COD is grossly negligent. The COD shall not be liable for losses or damage to customers' facilities resulting from a failure of towers or poles, substation equipment, communications houses, electric power or other COD facilities unless the COD is grossly negligent. The COD is not responsible or liable for cyber security of the fiber.

Electrically-Induced Noise

The customer shall be responsible for designing and shielding the customer facilities to function properly in the presence of electric and magnetic fields and other electrically-induced noise and interference normally present in the proximity of electric utility installations. The COD shall not be liable for, nor shall the COD be required, to eliminate any noise or interference with customers facilities resulting from the operations of electric utility installations or auxiliary equipment such as relay and control systems or telemetry systems. For purposes of the Interference provisions herein, this paragraph shall constitute the COD prior disclosure of the presence of electric utility installations on the Premises where the customers' facilities may be installed.

Restoration

The COD shall provide at no cost, monthly standby emergency restoration service for the fiber optic network. In the event of an outage requiring emergency restoration, the COD will be responsible for any restoration expenses.

Interference

Customers Duty of Noninterference

The Customer shall install, operate and maintain the customers facilities in a manner which will not physically or electronically interfere with or cause signal degradation to the COD electric, wastewater, or water system operations, with COD communications systems, existing as of the date of the dark fiber lease or with any prior leases, provided the COD has disclosed to the customer the existence of (but not necessarily the identities of) and technical information relevant to the prior leases. The customers' duty to avoid interference in accordance with the terms of this SOP shall remain absolute throughout the lease terms, irrespective of favorable pre-installation analyses or varying operating conditions, provided the COD supplied technical information is accurate and complete. If the customers' equipment causes interference after the initial lease begins, the customer shall correct it as soon as practical after proper notification.

Remedies for Interference

In the event that the customers facilities or operations interfere with the COD system or with those of prior customers leases (including interference affecting one or more fiber segment), then upon written notice from the COD, the customer shall at its own expense correct the interference within seventy-two (72) hours from notice, even if the customers' facilities are operating in compliance with the FCC regulations. If the customers fails to eliminate the interference within the required time, then after an additional twenty-four (24) hour grace period for the customer to eliminate the interference, the COD shall have the right to immediately enter the premises and shut down the customers facilities until the customer can eliminate the interference or, as a last resort, to terminate the affected dark fiber segment. In the event of termination, the COD shall remove the COD facilities from the customers' premises within a reasonable time. The customer shall compensate the COD for any new line extensions and/or make them whole for any build-out expenses.

Technical Disagreements

If the customer disagrees on the existence, source or extent of interference, the COD may engage an independent engineering firm to perform impartial analyses to determine the cause of the interference. The COD shall be entitled to reimbursement for the cost of such analyses by the customer if the customer is found to be causing the interference.

Taxes, Licenses, Liens

During the term of the agreement, customer shall pay, when due, all applicable taxes, including premise or property taxes, sales and use taxes, or any other fees in lieu of taxes assessed pursuant to the use of the Dark fiber by customer. The customer shall keep the dark fiber free from all liens, including but not limited to mechanics liens, and encumbrances by reason of the use of the dark fiber by the customer. The customers' failure to pay such is a breach of this agreement. If the customer fails to pay the above mentioned taxes, assessments, or other fees when due, the COD shall have the right to terminate the lease and demand immediate payment for any expenses related to the fiber

optic cable extension.

City of Dover Racks and Equipment

As additional consideration, the COD shall have the option to install racks and equipment, at its sole expense, within the customer's point of presence which is located at the mutually agreed upon access point(s). The point of presence in existing locations is where the customer's network has termination points for the COD fiber. The type and location of such racks and equipment shall be agreed to in writing between the COD and the customer in separate agreement. The COD may compensate the customer for this collocation at a rate that is mutually determined to be reasonable and just.

Said racks, as well as any and all electronic equipment installed therein, shall be and remain the sole and exclusive property of the COD, and the customer shall neither make any claim on or claim any property interest in such equipment, nor shall the customer permit any lien or other encumbrance upon the COD equipment by the customer or any third party.

Said racks and any and all equipment placed thereon shall be installed in accordance with the COD standard practices.

Absent emergency situations, the COD shall be able to access said racks and equipment during the term of the agreement upon reasonable notice to the customer and shall be solely responsible for their operation, maintenance and repair.

Upon termination of this lease by the expiration of the term hereof or otherwise, the COD shall immediately remove said racks as well as any and all electronic equipment installed thereon and shall leave the area in its original condition, reasonable wear and tear excepted unless mutually agreed to leave the COD equipment in the current location.

Maintenance

Dark fiber

The customer agrees to pay all costs (time and material) of maintenance/repair of the network if the required work is caused by the customer's improper connection to the dark fiber. The customer agrees to use reasonable efforts to perform such maintenance, if required, to not cause damage to the COD fiber.

Customers Notification of Outage

Subject to Force Majeure, the customer will notify the COD to respond to outage emergencies in connection with the dark fiber. The customer shall call the COD at 302/736-7086, the System Operations Center, to schedule all maintenance operations and to report service interruptions.

In the event of interruptions longer than 24 hours, the COD will, as soon as is reasonably possible, provide alternate capacity to the customer subject to availability within the customer's facilities. In

the event of an interruption longer than 96 hours, the customer shall be entitled to an abatement of its fees, equal to the total interruption time, to be deducted from the next payment otherwise due under this SOP.

The period(s) of any interruption(s) shall be measured from the time the COD actually receives notice, to the time the service is reportedly restored to the customer. Scheduled outages, for maintenance purposes, shall not be counted as interruptions. Scheduled outages shall be those outages of which customer has had at least a five (5)-day advance notice. To the extent possible, the customer and the COD shall agree upon the times maintenance will be performed so as not to interfere with customers business, however the COD retains the right to perform maintenance on dark fiber upon proper notification to customer without a mutual agreement between parties.

The customer shall provide the COD – Electric Engineering Division, a contact name and number for notifications of potential fiber work that might interrupt the service or other issues that may arise.

The COD does **NOT GUARANTEE** continuous dark fiber service and will not be liable for any loss, cost, damage or expense to any customer occasioned by an interruption of service.

Restoration Priority

In the event that the COD electrical and/or communications service capacity and the customer dark fiber capacity are interrupted, restoration of the customer's dark fiber shall be at all times subordinate to restoration of COD electrical and communications system. Should the COD not be able to effect repairs within twenty-four (24) hours after notice of the emergency, both parties agree to meet to determine methods to restore the customers fiber(s) including consideration of the COD granting the customer permission to make repairs to the COD connections and/or dark fiber and to restore its capacity, as long as such restoration efforts do not interfere with the COD restoration activities. Payment for this restoration shall be mutually agreed upon prior to the customer performing the work. Both parties acknowledge that, in the event that an outage is caused by a natural disaster, weather, automobile accident or similar incident, which causes a simultaneous electrical power outage, that the electrical power must first be restored prior to the fiber network. It is further acknowledged by the Parties that as a Municipal Electric Utility, the COD has a duty to provide electrical services to its customers, and that provision of said electrical services shall be the COD top priority.

Relocation

Dark fiber

The customer shall request no changes in the location of the dark fiber access point without sixty (60) days written notification to the COD. If the customer desires, for any reason, to relocate any of the facilities used or required in providing the dark fiber, such relocation shall be undertaken at the customer's sole cost and expense and shall be paid to the COD within 30 days after receipt of the invoice.

If for any reason, the COD is required to relocate any of the dark fiber facilities for its convenience, or by any third party including, but not limited to a government entity, whenever reasonably possible, the COD shall give the customer at least thirty (30) days notice, or as much time as the COD can reasonably provide. This notice will include all pertinent information and the impact of the relocation to the customer's service. All costs associated with such required relocation, which are not paid by a third party, shall be the sole responsibility of the COD. During any relocation(s), scheduled outages may occur; the COD will keep the duration of these outages as short as possible.

Access Points

The COD shall make no changes in the location or configuration of the Access Points to the dark fiber without consultation with the customer. The customer agrees that any relocation required of the dark fiber or access points shall be limited to the shortest practical route reasonably available.

In the event relocation of the customer's access points is required by any third party, any governmental agency, or in conjunction with the electric system needs of the COD, all costs associated with such required relocation of the customers access points, which are not paid by a third party shall be the sole responsibility of the customer. In the event of such relocation requirement, the COD shall use reasonable efforts to provide alternate locations for access points.

If the customer requests a relocation of the access point the customer will be financially responsible for any COD expenses related to the relocation. After any relocation is completed, the customer's fee shall be adjusted accordingly with regard to the length of fiber used by customer; however, if the dark fiber length is reduced and the dark fiber was a new extension for the customer, the fee shall not be reduced for the initial term.

Reclamation

Subject to the terms, conditions and limitations set forth in this SOP, the COD shall have the right to terminate from time to time the lease of any or all of the dark fiber on any or all segments of the network for use (and solely for use) directly by the COD.

In the event that the COD desires to reclaim any dark fiber, the COD shall give notice of such intent to the customer at least twelve (12) months prior to the date of reclamation (Reclamation Notice). The Reclamation Notice shall identify each leased fiber on each segment, which the COD desires to reclaim, and the intended date of reclamation.

At any time following receipt of a Reclamation Notice, the customer may initiate negotiations with the COD as to possible alternatives to reclamation, including, for example, (1) greater compression of COD traffic on the fibers within the network already in use by the COD, (2) alternate or additional optoelectronic equipment, (3) alternate routes, and/or (4) installation of additional fibers within the fiber network. The customer and the COD each shall conduct any such negotiations in good faith. The exact alternative(s) to reclamation (if any) and the allocation of the costs thereof between the

parties shall be subject to mutual consent.

Unless otherwise agreed between the customer and the COD, reclamation shall be effective on the date of reclamation set forth in the Reclamation Notice.

Representations and Warranties

The COD is not a Telecommunications Company. The development of this SOP does not classify the COD as a Telecommunications Company, Telecommunications Carrier, Telecommunications Service Provider or any other telecommunications entity as defined by federal or state laws, rules, regulations or administrative orders, nor will the COD come under the jurisdiction or regulation of any State or Federal regulatory agency with regulates such entities, including, without limitation, the Federal Communications Commission (FCC) or the applicable State Commission. In the event that the existence of this SOP results in a final order or determination by any court or regulatory or governmental entity (including, but not limited to, the FCC or the applicable State Commission) that classifies the COD as a Telecommunications Company, Telecommunications Carrier, Telecommunications Service Provider or any other telecommunication entity as defined by federal or state laws, rules, regulation or administrative orders, the customer shall indemnify and hold the COD, its officers and employees harmless from and against any cost, expense, fine or other financial penalty under federal or state laws, rules, regulations, or administrative orders, which the COD is legally liable to pay as a result of such classification, provided, however, that the COD shall take all reasonable steps to mitigate and minimize any such expenses, fines or other financial penalties. In no event shall the customers' indemnification hereunder exceed the total of customer payment to the COD during the previous twelve months for the use of the COD fiber optic strands under this fiber lease(s) and applicable extensions. In the event of any such determination, the customer and COD agree, to cooperate with each other to determine whether and to what extent this SOP can be amended so as to remove that classification and permit continued performance by both parties, subject to the COD right to cancellation as contained in this SOP. Notwithstanding any other provision of this SOP, if customer is required to make payments under this indemnification, then the customer will have the right to immediately terminate this lease. Such termination, however, shall not extinguish the customers' obligation to indemnify the COD for all monetary amounts levied until the time of the termination and shall not extinguish the customer obligation to pay any other amounts owing to the COD pursuant to this SOP and lease.

The COD confirmed through its City Solicitor that there are no State Regulations that would bar it from providing dark fiber leasing at the time of the inception of this SOP.

The customer represents that, to its knowledge, after due inquiry, it has the right and authority to enter into this agreement and grant the rights and Licenses contained herein.

The COD represents that, to its knowledge, after due inquiry, it has all licenses, permits and rights authorizing it to enter into this Agreement.

The COD is a municipally owned utility certified in Delaware to provide electric and other services to Dover and some of the surrounding area.

Assignment and Transfer

Unless specifically provided herein, the COD shall not assign, transfer or sublet any of the privileges described in this SOP without the prior written consent of the customer, said consent not to be unreasonably withheld, provided that the COD may assign, transfer or sublet its rights hereunder to a parent, or wholly-owned affiliate or subsidiary company or purchaser of all or substantially all of its assets or stock without consent of the customer.

The customer will not, directly or indirectly, or through a controlled affiliate of the customer, transfer or sublet any of the privileges described in this SOP to a third party.

Indemnification

The customer does hereby release and agrees to indemnify, defend and save harmless the City of Dover and its agents from and against all claims, actions, causes of action, demands, judgments, costs, expenses and all damages of every kind and nature, incurred by or on behalf of any person or corporation whatsoever, predicated upon injury to or death of any person or loss of or damage to property of whatever ownership, including the parties to this SOP and their employees, and arising out of or connected with, in any manner, directly or indirectly, the COD operations or rights granted under this SOP.

Insurance

The customer agrees to execute and deliver to the COD at the time of acceptance and execution of a fiber lease commitment, a commercial general liability insurance policy, including public liability, contractual liability, premises liability, and property damage, acceptable to and approved by the City Risk Manager, covering bodily injury and property damage, premises, operations described hereunder and products therein, in amounts of $150,000 per individual; $600,000 per occurrence.

The City of Dover shall be listed as an additional named insured in any required liability insurance policy. Such policies shall state that this coverage is to function as the "primary" insurance coverage for the customer.

Certified copies of the above policy, or a certificate evidencing the existence thereof, or a binder shall be delivered to the COD upon the execution of a fiber lease. In the event a binder is delivered, it shall be replaced within ten days by a certificate of insurance. Each such policy or certificate shall contain a valid provision or endorsement that the policy may not be canceled, terminated, changed or modified without giving thirty days written notice thereof to the COD.

A renewal certificate shall be delivered to the COD at least fifteen days prior to a policy's expiration date except for any policy expiring on or after the expiration date of this agreement.

The customer further shall at all times maintain adequate Workmen's Compensation Insurance with an authorized insurance company insuring the payment of compensation to all employees engaged in the operation of the facility.

Failure to maintain or provide proof of insurance shall constitute an immediate breach of the Agreement and shall be considered cause for termination of this Agreement at the sole discretion of the COD.

At all times during the term of this agreement, the customer shall maintain and shall require its contractor and subcontractors, which do any work in connection with this agreement, to maintain insurance coverage as described herein and will produce proof of insurance on demand by the COD.

Excess liability/umbrella coverage for limits of not less than $1,000,000 excess of $1,000,000 each occurrence. Such insurance shall name the COD, its officers, agents, and employees as additional insured.

In the event the customer fails to obtain the required insurance, the COD reserves the right to purchase insurance on the account of the customer, but is not required to do so.

Default

In the event either Party shall fail to observe or perform any of the terms and provisions of this agreement and such failure shall continue for a period of thirty (30) days after receipt of written notice from the non-defaulting party ("Default"), then the non-defaulting party may terminate this agreement, provided however, that where such Default cannot reasonably be cured within such period, and the defaulting party has proceeded promptly to cure the same and is prosecuting such cure with diligence, the time for curing such Default shall be extended for an amount of time, not to exceed sixty (60) days, as may be necessary under the circumstances to complete such cure. If the customer is the defaulting party the COD shall immediately issue an invoice for any outstanding extension expenses.

Termination

The COD may, at its sole discretion, terminate this lease agreement upon the conditions set forth for cause and at its discretion.

For Cause, Without Illegality

The COD may terminate this agreement and may repossess the Dark fiber in the event that any payment or amount is not furnished by the customer as set forth in the Compensation Section, hereof,

when due, upon giving fifteen days written notice to the customer of the COD intention to terminate unless full and proper payment is made to the COD of all monies due on or before the expiration of the fifteen day period indicated in the notice.

For Cause, With Illegality

The COD may, at its sole discretion, terminate this agreement, effective immediately, upon the giving of written notice of termination, in the event that COD is deemed to engage in, or permits, the violation, pursuant to the appropriate standard of proof provided by law, of any federal, state or city penal law or ordinance in the operation of said facility.

Surrender of Dark fiber Upon Termination

On the customers expiration date or any earlier termination of customers rights to use any or all of the dark fiber under this agreement, regardless of the reason for termination, the customer shall promptly (1) remove all of its equipment and other property from the COD fiber, and (2) peaceably quit and surrender the dark fiber to the COD in a condition consistent with condition of fiber and access points on the original acceptance date.

Renewal Provisions

The customer shall provide ninety (90) days notice of intent to renew dark fiber agreement prior to date of expiration of current agreement and the COD agrees to extend the agreement when feasible.

General Provisions

Costs

Except as otherwise expressly provided above, each party shall bear all of its own attorney's fees and other expenses related to a fiber lease.

No Third Party Beneficiaries

None of the terms or conditions in this SOP shall give or allow any claim, benefit, or right of action by any third person not a party hereto. Any person other than the COD or the customer receiving services or benefits under this SOP shall be only an incidental beneficiary.

No Partnership

The Parties acknowledge and agree that fiber lease or service does not create a partnership between, or a joint venture of, the customer and the COD.

Binding Effect

This SOP and subsequent agreement shall be binding upon, and shall inure to the benefit of, the parties hereto and their respective successors and assigns.

Severability

In the event any term, covenant or condition of this SOP and/or lease agreement, or the application of such term covenant or condition, shall be held invalid as to any person or circumstance by any court having jurisdiction, all other terms, covenants and conditions of this SOP and their application shall not be affected thereby, but shall remain in force and effect unless a court holds that the invalid term, covenant or condition is not separable from all other terms covenants and conditions of the SOP.

Force Majeure

Neither party shall be liable to the other for any failure of performance under this SOP/lease agreement due to causes beyond its control, including, but not limited to: acts of God, fire, terrorist attack, flood or other catastrophes, adverse weather conditions, material or facility shortages or unavailability not resulting from such party's failure to timely place orders therefore, lack of transportation, the imposition of any governmental codes, ordinances, laws, rules, regulations or restrictions, national emergencies, insurrections, riots, wars, or strikes, lock-outs, work stoppages or other labor difficulties.

Waiver

No delay or omission by either party to exercise any right or power occurring upon non-compliance or failure of performance by the other party shall impair that right or power or be construed to be a waiver thereof. A waiver by either party of any of the covenants, conditions or agreements to be performed by the other party shall not be construed to be a general waiver of any such covenants, conditions or agreements, but the same shall be and remain at all times in full force and effect.

Headings

The Section headings herein are for convenience and reference only, and in no way define or limit the scope and content of this SOP or in any way affect its provisions.

No Implied Representations

No representations, agreements, covenants, warranties, or certifications, express or implied, shall exist as between the parties, except as specifically set forth in this SOP and subsequent fiber lease.

Integrated SOP and Amendments

This SOP is an integration of the entire understanding of the parties with respect to the matters set forth herein and shall include completed request for service application. The COD reserves the right to modify or change this SOP from time to time **without notice** to any party leasing dark fiber. These modifications will be approved by the City Council through accepted methods.

The Energy Authority, Inc.

Monthly Management Committee Update – February 2013

March 28, 2013

Prepared by:

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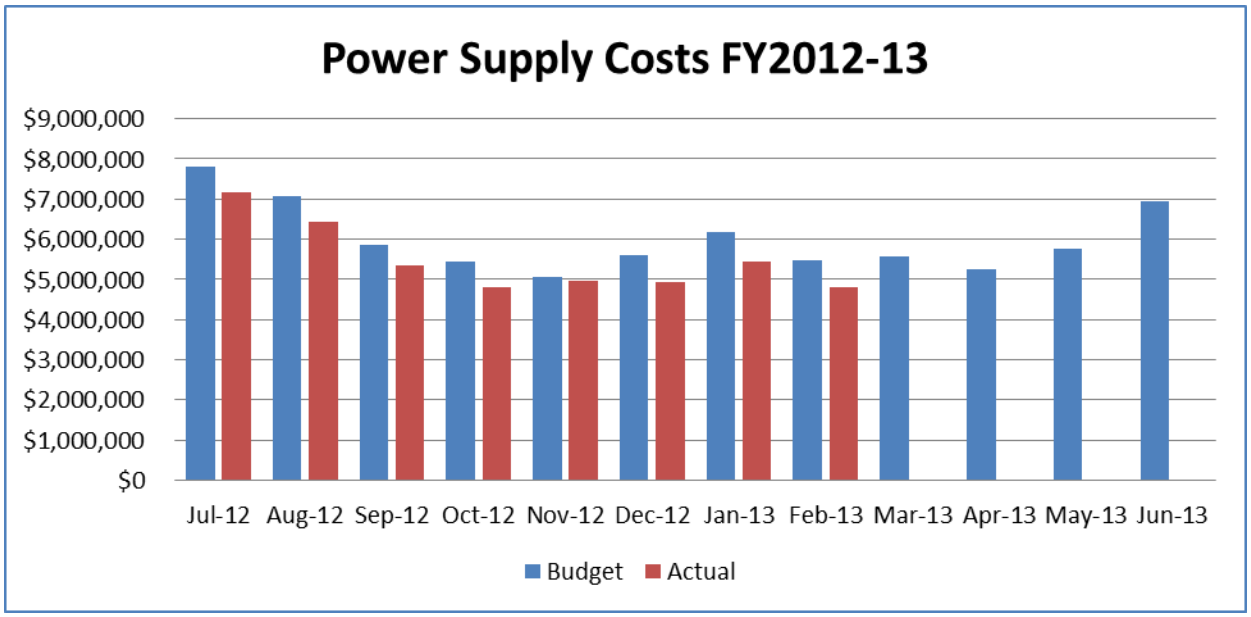
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I. Executive Summary

A. Power Supply Summary:



Overall Power Supply costs were $647,823 under budget due to lower than budgeted cost of hedged energy and energy purchases.

Dover's budgeted cost for all power supply (capacity AND energy) was $92.87/MWh. The actual cost of all power supply (capacity AND energy) was $85.59/MWh.

The cost of energy alone was $60.25/MWh, versus a budgeted energy cost of $70.32.

Dover's hedge purchases totaled 45,120 MWh, which was 77% of the projected load and 80% of the actual load.

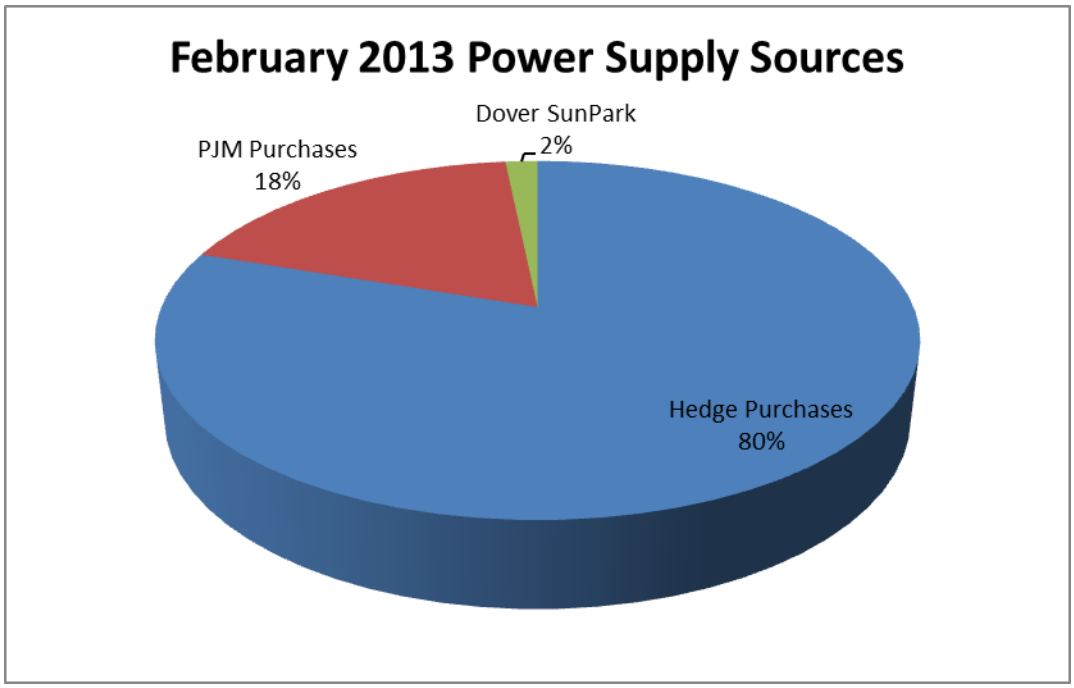
Dover's power purchases from hedge transactions totaled $2,925,512. Purchases from PJM (energy and fees) totaled $865,704 with DA Energy purchases totaling $543,024 and Balancing Spot Market Energy totaling a credit of $162,063.

Dover's total load was 56,258 MWh versus a forecasted load of 58,826 MWh.

Dover's planned energy purchase from the SunPark solar installation was 963 MWh. Dover's actual energy purchase from the SunPark installation was 908 MWh.

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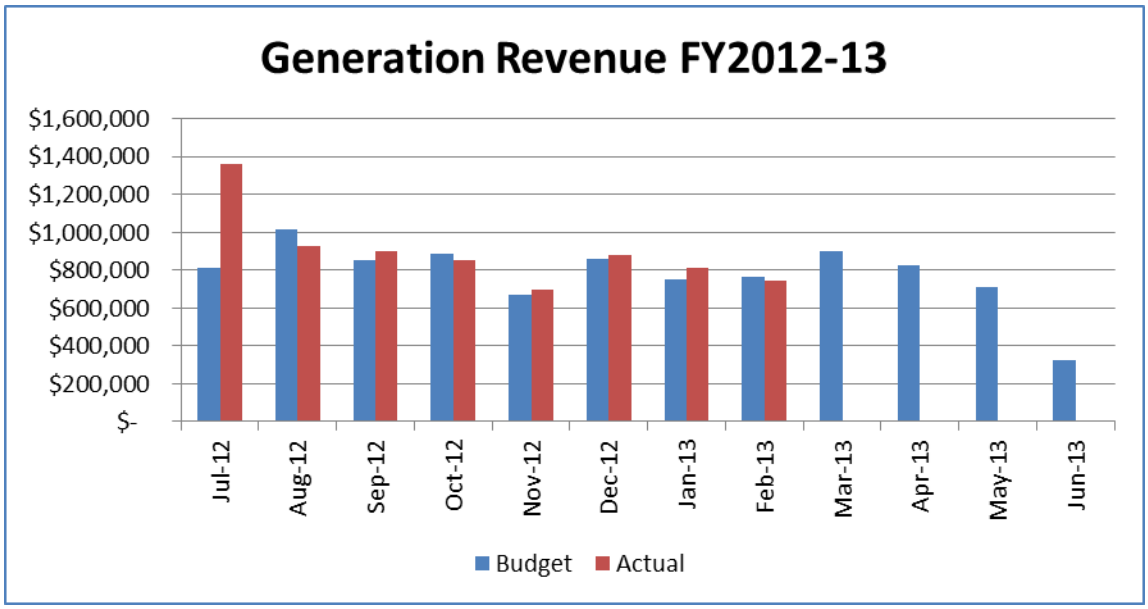
Supply Source Summary:



Supply Variance:

	Budget	Actual	Variance
Gross Load	58,826	56,258	2,568
Wholesale Load	57,863	55,350	2,513
Hedged Volume (MWh)	45,120	45,120	-
Unhedged Volume (MWh)	12,743	10,230	2,513
Dover SunPark Volume (MWh)	963	908	55
Renewable Energy Credits Volume	144	116	28
Hedged Cost ($/MWh)	$ 67	$ 65	$ 2
Unhedged Energy Cost ($/MWh)	$ 80	$ 37	$ 42
Solar Energy Cost ($/MWh)	$ 83	$ 86	$ (3)
Energy Costs ($/MWh)	**$70.32**	**$60.25**	**$10.07**
All-in Costs - Energy, Capacity and RE	**$92.87**	**$85.59**	**$7.28**

B. Generation Summary:



Dover generated 0 MWh in the month. Net generation revenue was $747,690 vs. a budget of $767,821. This delta was mainly due to higher than budgeted O&M costs.

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Generation Breakdown:

City of Dover's Wholesale Generation		
Net Generation Mwh		**0.00**
All In Generation Margin		
PJM Bill Energy	$	-
PJM Capacity	$	1,089,270.00
Black Start, Reactive Credit, DASR & EFORp	$	36,373.16
Gas Purchases	$	-
Oil Purchases	$	-
Transport / Cash Out	$	-
Gross Margin	**$**	**1,125,643.16**
Production Margin		
Generation Production Revenues (PJM)	$	-
Gas Purchases	$	-
Oil Purchases	$	-
Transport / Cash Out	$	-
Gross Production Margin	**$**	**-**
$/Mwh All In Generation Margin	**$**	**-**
$/Mwh Generation Production Margin	**$**	**-**

C. Emissions Summary:

Emissions Allowance Summary through February 28, 2013

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
Jan 2013	**2013 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)
12/31/12	2012 Emissions[2]	(1)	(37)	(37)
Nov 2012	NO_x Seas. Sales (DEMEC)		(2)	
2/28/2013	**2013 Emissions**	**0**	**0**	**0**
REMAINING ALLOWANCES		**11,053**	**114**	**198**

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.

[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.

Market liquidity for CAIR allowances continues to be low, with few transactions occurring. The following table shows estimated values for Dover's banked allowances, based on broker bids & offers:

Mark-to-Market for CAIR Allowances (3/4/2013)			
Commodity	**$/Ton (Bid/Offer Avg.)**	**Tons**	**Extended Value**
SO_2 Allowances	$ 0.60	11,053	$6,632
NO_x Allowances - Seasonal	$20.00	114	2,280
NO_x Allowances - Annual	$35.00	198	6,930
TOTAL			**$15,842**

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 104,505 tons as of the end of Calendar year 2012, as shown in the table below. During January & February 2013, Dover's generating units have not operated; therefore CO2 emissions have been zero.

CO2 Allowance Summary (2/28/2013)							
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	-	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 (including 2013). 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.

On February 7, 2013, RGGI proposed changes to its Model Rule. The proposed changes include:

- A reduction of the 2014 regional CO_2 budget, "RGGI cap", from 165 million to 91 million tons – a reduction of 45 percent. The cap would decline 2.5 percent each year from 2015 to 2020.
- Additional adjustments to the RGGI cap from 2014-2020. This will account for the private bank of allowances held by market participants before the new cap is implemented in 2014. From 2014-2020 compliance with the applicable cap will be achieved by use of "new" auctioned allowances and "old" allowances from the private bank.
- The Minimum Reserve Price for 2014 will be $2.00 and increase by 2.5% per year thereafter.
- Cost containment reserve (CCR) of allowances that creates a fixed additional supply of allowances that are only available for sale if CO_2 allowance prices exceed certain price levels ($4 in 2014, $6 in 2015, $8 in 2016, and $10 in 2017, rising by 2.5 percent, to account for inflation, each year thereafter.)
- Updates to the RGGI offsets program, including a new forestry protocol.
- Not reoffering unsold 2012 and 2013 CO_2 allowances.
- Requiring regulated entities to acquire and hold allowances equal to at least 50 percent of their emissions in each of the first 2 years of the 3 year compliance period, in addition to demonstrating full compliance at the end of each 3 year compliance period.
- Commitment to identifying and evaluating potential tracking tools for emissions associated with electricity imported into the RGGI region, leading to a workable, practicable, and legal mechanism to address such emissions.

With the release of the *Updated Model Rule*, the RGGI states now plan to revise their CO_2 Budget Trading Programs through their individual state-specific statutory and regulatory processes. Each RGGI state seeks to complete their state specific processes such that the proposed changes to the program would take effect on January 1, 2014.

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.

The most recent RGGI auction occurred on March 15, 2013 and the auction cleared at $2.80/ton. Based on this auction, the value of Dover's existing RGGI allowance bank (120,051 tons) is approximately $336,143.

The next RGGI auction will be held on June 5, 2013. Dover has not registered to participate in this upcoming auction.

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 48 Solar Renewable Energy Certificates (SRECS) for all generation through December 2012.

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 the all of the physical energy produced by the Sun Park, Dover receives 15% of Sun Park's SRECS. Through the end of January 2013, Dover has accumulated a total of 4,059 SRECS from this contract.

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 *theoretical* market value of $164,280 for Dover's 4,107 SRECs.

It should be noted, however, that the nearest viable market for Dover's SRECs is Pennsylvania. Pennsylvania's February 2013 SREC auction cleared at $10/MWh. Using this price, Dover's SRECs would have a market value of $41,070.

The next auction for Delaware's RECs opened on March 21st, 2013 and closes on April 12, 2013. Results for this auction should be available for the next monthly report.

TEA continues to recommend to Dover to retain these allowances for compliance with its Renewable Portfolio Standard which 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 February, there were no reportable or lost time accidents or injuries. The facility has now gone 868 days without an OSHA recordable accident and 868 consecutive days without a lost time reportable accident. There were zero Environmental Notices of Violations issued. There were no Near Miss incidents. In the month of February, no units were dispatched by PJM nor were they self-dispatched. Work continues on the installation of the industrial waste water discharge system and preparations for the spring planned outages for all units.

Monthly Budget Variance - The actual expenses attributable to O&M of the two sites for the month of February were $377,953. The actual expenses are $20,924 or 5.86% over the approved budget of $357,029. The principal reason for the unfavorable variance was due to timing of expenses for asbestos abatement and insulation repairs which were budgeted later in the year.

E. Risk Management Summary:

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

The current projected cost of service is below:

Power Year	Hedge Ratio	Blended Cost ($/MWh)
2012-13	80%	$61.43
2013-14	56%	$51.86
2014-15	30%	$48.06
2015-16	14%	$47.24

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II. Budget Report

Variance Report:

	Budget Feb-13	Actual Feb-13	Variance
Gross Load	**58,826**	**56,258**	**2,568**
Power Supply			
Hedged Energy	$3,034,491	$2,925,512	$108,979
PJM- Energy	$1,015,925	$380,960	$634,965
PJM - Transmission and Fees	$313,000	$484,744	($171,744)
Dover SUN Park Energy	$86,357	$82,917	$3,440
Management Fees	$83,000	$83,000	$0
Capacity UCAP Obligated Purchased	$930,281	$858,098	$72,183
Subtotal - Power Supply	**$5,463,054**	**$4,815,231**	**$647,823**
Power Generation O&M & Fixed Fuel			
Plant O&M	$357,029	$377,953	($20,924)
Subtotal Generation O&M	**$357,029**	**$377,953**	**($20,924)**
Power Generation Production Margin			
Economic and reliability dispatch	$0	$0	$0
Fixed Fuel and Transport Charges	$0	$0	$0
Subtotal Generation Production Margin	**$0**	**$0**	**$0**
Power Generation Non-Production Revenue			
Generation Capacity Credit	($1,089,270)	($1,089,270)	$0
Emissions Allowance Sales	$0	$0	$0
Black Start & Reactive Power Revenue	($35,580)	($36,373)	$793
Subtotal - Non-Production Revenue	**($1,124,850)**	**($1,125,643)**	**$793**
SubTotal - All Generation	**($767,821)**	**($747,690)**	**($20,131)**
Total - Utilities Cost	**$4,695,233**	**$4,067,541**	**$627,692**
Unit Costs			
Total - Power Supply	$92.87	$85.59	$7.28
Total - Power Generation	($13.05)	($13.29)	$0.24
Final Cost of Service to City of Dover Ratepayers	$79.82	$72.30	$7.51

Variance Analysis:

Power Supply

- Dover consumed 2,568 MWh less 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 $85.59/MWh, $7.28/MWh lower than budget.
- For the month, the city realized a favorable variance of $647,823 for power supply vs. the monthly budget.
- Dover Sun Park generated 55 MWh less than what was forecasted.

Generation

- Power generation had an unfavorable budget variance of $20,131.
- Plant O&M expenses had an unfavorable budget variance of $20,924 for the month.

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YTD Variance Report:

	Budget YTD	Actual YTD	Variance
Gross Load	**508,631**	**513,525**	**(4,894)**
Power Supply			
Hedged Energy	$27,092,210	$26,127,125	$965,085
PJM- Energy	$9,300,866	$3,747,275	$5,553,591
PJM - Transmission and Fees	$2,504,000	$5,020,487	($2,516,487)
Dover SUN Park Energy	$864,239	$912,579	($48,340)
Management Fees	$664,000	$664,000	$0
Capacity UCAP Obligated Purchased	$8,073,509	$7,449,156	$624,353
Subtotal - Power Supply	**$48,498,824**	**$43,920,623**	**$4,578,202**
Power Generation O&M & Fixed Fuel			
Plant O&M	$3,665,182	$3,534,293	$130,889
Subtotal Generation O&M	**$3,665,182**	**$3,534,293**	**$130,889**
Power Generation Production Margin			
Economic and reliability dispatch	($1,124,312)	($1,865,596)	$741,284
Fixed Fuel and Transport Charges	$586,004	$948,814	($362,810)
Subtotal Generation Production Margin	**($538,308)**	**($916,782)**	**$378,474**
Power Generation Non-Production Revenue			
Generation Capacity Credit	($9,453,310)	($9,453,307)	($3)
Emissions Allowance Sales	$0	$0	$0
Black Start & Reactive Power Revenue	($284,640)	($346,885)	$62,245
Subtotal - Non-Production Revenue	**($9,737,950)**	**($9,800,192)**	**$62,242**
SubTotal - All Generation	**($6,611,076)**	**($7,182,681)**	**$571,605**
Total - Utilities Cost	**$41,887,748**	**$36,737,942**	**$5,149,807**
Unit Costs			
Total - Power Supply	$95.35	$85.53	$9.82
Total - Power Generation	($13.00)	($13.99)	$0.99
Final Cost of Service to City of Dover Ratepayers	$82.35	$71.54	$10.81

III. Operations Management

NAES Corporation
Dover, Delaware

February 2013
Monthly Report



Newly Installed Industrial Waste Water Pumps

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2.0 Financial

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4.0 Maintenance

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6.0 General Plant Information

7.0 Summary of NAES Performance

1.0 Environmental, Health and Safety:

During the month of February, there were no restricted work days or lost time accidents. The facility has now gone two years, four months and fourteen days (868 days total) through February 28, 2013 without an OSHA Recordable Accident or a Lost Time reportable accident.

The January DMR was submitted for the McKee Run site with no NPDES exceedences. The plant received no Notice of Violations (NOVs) during the month.

The EPA and the DNREC were onsite for a full Title V compliance audit. During the audit, a preliminary result of "No Findings" was issued. Additional data was sent to EPA/DNREC for review however no issues are anticipated. An audit report is expected to be available within forty-five days.

Work continues on the Industrial Wastewater Project with both Mechanical and Electrical Contractor onsite work to commence March 4. Plant personnel continue to make modifications to the existing system to accommodate the project tie-ins and keep project costs lower.

Environmental, Health, and Safety Statistics		
	Month (February)	Fiscal Year to Date (7/1/12-2/28/13)
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	4,104.75	33,616.50
Date last OSHA Recordable		10/14/10
Date last Lost Time Accident		10/14/10
Days since last OSHA recordable		868
Days since last Lost Time Accident		868

Emissions (NOx & SO2) All data thru 2/28/13

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
2013	0.0	0.0	0.0	0.0	0.0

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
2013	0.0	0.0	0.0	0.0	0.0

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*
2013	0	1850	138	0	1988*
***Note – Emissions allowances are deducted according to oldest vintage first or unless otherwise directed.**					

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)**	**CAIR NOx Allowances Purchased YTD**	**NOx Allowance Balance**	
		McKee Run (Yr/Season)	***VanSant (Yr/Season)***	**McKee Run - VanSant**		***McKee Run (Yr/Season)***	***VanSant (Yr/Season)***
2010 and earlier	3***					27/0	0/2
2011	0	77/48	5/3	33/31– 3/1	0/0 - 0/0	42/10	2/2
2012	2**	75/46	5/3	36/36 – 1/1	0/0 - 0/0	39/10	4/2
2013	0	71/46	5/3	0/0 – 0/0	0/0 - 0/0	71/46	5/3
***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. ***Note- The facility transferred Annual allowances to a third party**							

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.					

2.0 Financial

Financial – Current Month

Month – February			
	Actual	Budget	Variance
Personnel	247,479	246,079	(1,400)
Materials & Supplies	9,037	11,740	2,703
Administrative Expenses	121,437	99,210	(22,227)
Total	**$377,953**	**$357,029**	**$(20,924)**

Financial – Fiscal Year to Date

Number of Months – 8			
	Actual	Budget	Variance
Personnel	2,021,638	2,087,552	65,914
Materials & Supplies	158,471	163,440	4,969
Administrative Expenses	1,354,183	1,414,190	60,007
Total	**$3,534,292**	**$3,665,182**	**$130,890**

2.1 Variance analysis:

The City of Dover Finance Department has closed the books for the month of February 2013. The expenses for February are $377,953 against a budgeted amount of $357,029 for an unfavorable variance of $20,924 or ≈ 5.86%. The variance was due to the following:

PERSONNEL EXPENSES – An unfavorable monthly variance of $1,400 was due to having higher than expected overtime labor (fill-ins for holidays and vacations). This was partially offset by lower than budgeted labor burdens.

MATERIALS AND SUPPLIES EXPENSES- A favorable monthly variance of $2,703 was primarily due to lower than expected water usage and the timing of the invoice for the annual metering system maintenance contract.

ADMINISTRATIVE EXPENSES – An unfavorable monthly variance of $22,227 was due to expenses for asbestos abatement, insulation repairs, and equipment to support gas line purges that are part of outage support. These were partially offset by positive variances in Heating Oil / Gas (milder than normal temperatures) and Fire Protection Systems (timing of invoices for the annual fire equipment inspection).

The budget is currently forecasted to finish this fiscal year at $5,865,365 expensed versus an approved budget of $5,914,900 thereby realizing a 99.16% expenditure rate.

3.0 Operations

Unit Operations / Outages / Trips

No units were dispatched by PJM and none were self-dispatched for the month of February. All units were ready and available for dispatch if needed.

Month February 2013							
		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	0.0	0.0	0.0	0.0	0.0	0.0
Starts	#	0	0	0	0	0	0
Gross Generation	MWh	0.0	0.0	0.0	0.0	0.0	0.0
Net Generation	MWh	0.0	0.0	0.0	0.0	0.0	0.0
Total Auxiliaries	MWh	27.924	27.924	129.252	185.100	5.672	190.772
Auxiliaries purchased	MWh	27.924	27.924	129.252	185.100	5.672	190.772
Fuel Gas Used	MMBTU	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Net Heat Rate	BTU/KWh	0	0	0	0	0	0.0
Unit Trips	#	0	0	0	0	0	0
Capacity Factor	%	0.0	0.0	0.0	0.0	0.0	0.0
Availability Factor	%	100.0	100.0	100.0	100.0	100.0	100.0
Commercial Unavailability (CU)	%	0	0	0	0	0	0
Planned Outage Hours	Hours	0.00	0.00	0.00	0.00	0.00	0.00
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	672.000	672.000	672.000	2,016,000	672.000	2,688.000
HW Boiler Gas Usage	MMBTU				686.243		686.243
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 - February							
		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	263.814	264.407	2,856.946	3,385.167	25.689	3,410.856
Auxiliaries purchased	MWh	223.879	223.879	1,376.971	1,824.729	25.158	1,849.887
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	%	0.61	0.55	2.93	2.34	0.32	1.89
Availability Factor	%	73.90	73.90	73.90	73.90	73.90	73.90
Commercial Unavailability (CU)	%	0	0	0	0	0	0
Planned Outage Hours	Hours	1,512	1,512	1,512	4,535	1,512	6,047
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	4,227.218	4,248.030	4,034.570	12,509.818	4,297.934	16,807.752
HW Boiler Gas Usage	MMBTU				2,560.313		2,560.313
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)	448,556	448,556	0	0	454,725	0	(6,169)
VanSant (#2 Fuel Oil)	143,183	143,520	0	337	152,150	0	(8,630)

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

VanSant Lifetime through 2/28//13			
	Actual Starts	Factored Starts	Fired Hours
VanSant	1304	2233.75	4217.96
Since HGP - Dec 2004	230	566.05	834.38

Team Report:

Operations staff has been assisting maintenance with the piping to the well pump building and from the fire pump room of the Industrial Wastewater Project. Operation staff also LOTO all the units for the spring outage and performed a purge on Units 1 and 2 main gas and pilot gas lines.

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.

The Plant Operations staff participates in the OES-NA training that helps prepare them for the PJM Certified System Operator exam and provides some of the required continuing education hours (CEHs) necessary to maintain PJM Certified System Operator qualifications. Additionally, members of the McKee Run staff participated in the PJM system restoration simulation drills/training that was conducted during the month of February, which also contributes CEHS to maintaining their Certified System Operator Certification.

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					

4.0 Maintenance

During the month of February, the Plant Maintenance staff continued addressing the backlog of work orders and completing outage activities. There were seventy-one work orders issued with fifty-eight work orders being completed during the month. There were 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

February - 2013

Priority #	Outstanding From Previous Month	Issued This Month	Completed This Month	Outstanding at the end of the month
1	14	0	7	7
2	34	20	13	41
3	49	2	9	42
4	7	0	0	7
5	16	2	0	18
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	64	47	29	82
Totals	184	71	58	197

Note: PMs are included in the priority totals

Notable activities during the month include:

- NAES Mechanical Maintenance Staff completed the relocation of two Hot Water Pumps that will be implemented into to The Industrial Waste Water Project. The old concrete pads were removed and new pads were poured. The pumps were mounted into place and grouting was installed around the base of the pump.

- NAES Staff assisted US Tank Protectors in the cathodic protection inspections of the underground oil lines at VanSant. There were no issues found on the system.

- NAES Mechanics removed the water lines from the shallow well water building to the hydrogen room. The staff then installed new piping and hangers from the newly installed waste water pump room to the corner of the hydrogen room. It is at this point that the IWW mechanical contractor will tie in their portion of the system.

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. Completion at 20%. Schedule: Bids were obtained; contract work awarded and work to be completed in the Spring 2013 outage.
EG1203	Unit 3 Auxiliary System Components	Progress: The FY13 Spring Outage contract work bids have been evaluated and contracts have been awarded. Schedule: Scheduled work is on track for completion by end of Spring 2013 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, although feedback from insurance company reveals that their recommendation to perform this work is expected to be withdrawn. Schedule: Work to be completed during the 3rd quarter of FY13.
EG1112	Unit 3 Air Heater Expansion Joint	Progress: Material has been purchased, delivered ,and has been installed Schedule: Work was completed in November. Project will be closed.
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 quarter FY13 with bids and revised installation costs identified. Actual repair work will be scheduled for fiscal 2015.
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 2015. Inspection was completed in November and

		report is forthcoming so scoping documents may be developed.
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 and additional work scope has been added to Consultant's work scope. Presentation is expected from TEA regarding results and recommendations going forward. 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: Contract work has been awarded and vendor is mobilizing for arrival at plant on March 18 to begin inspection. Schedule: Majority of the parts have been received and the inspection still on schedule to be completed in the 4th quarter FY13.
EG1214	MR Industrial Waste water System	Progress: Mechanical and electrical design is complete and contracts have been awarded. Schedule: Electrical and Mechanical contracts were awarded. Installation work slated for March 2013 start and 4th quarter completion.
EG1301	Unit 1 Gland Steam Seal Repair	Progress: Work was completed in November and finalized with an operational system check of the unit. Schedule: Work is now complete.

6.0 General Plant Information

The XL Insurance Representatives Neal Grabow and Steve Behrens were onsite in February for their annual inspection. Only one new recommendation is expected as a result of the site audit that being the testing of corrosive sulfur in the transformer oil. This is a one-time task. The recommendation to install blast curtains on the Control Windows is expected to be withdrawn after it has been determined that the transformers in the switchyard are beyond the exposure limit from the windows.

TEA is evaluating the findings of the McHale and Associates Report (Capacity upgrade opportunities for VanSant) and has imported the data into their financial model. TEA has yet to develop a presentation that will be reviewed by both the City of Dover management Team and NAES – Dover Management. Additional information that had been requested from McHale has been received. TEA is currently analyzing this information to determine the best options for moving forward and will be forwarding a presentation for NAES and TEA management review.

The EIA-860 and EIA-923 reports were submitted to the Department of Energy online website during the month of February.

Training:

1. *OES-NA will be on site on March 25-26 for Simulation Training activities using Computer Based Training modules. The training will take place on two successive days and will give operators training on Voltage Control, Congestion Management, and Emergency Operations. The operators will receive simulation credits towards retaining their PJM System Operator Certification.*

Teams continued training within the Plant Readiness Program (PRP) to keep their skills and knowledge of the plant up to date particularly when the generating units are off line or when they are not supporting maintenance activities. The GPI online training which supports our safety and environmental training are being used by the teams to complete their training as they begin the training cycle for the year 2013. GPI also has a number of courses that are used to support operator advancement and refresher training.

Topics discussed during the monthly safety committee meeting were reviewed by the entire staff. The monthly safety topic was on “Portable Electric Generator Safety”.

Calendar of Events	Date
McKee Run and VanSant Title V Annual Certification Due	February 1, 2013
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 4, 2013 – June 1, 2013
Unit 11 Spring Outage	March 4, 2013 – June 1, 2013
Annual VanSant Black Start Test	March 13, 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
Units 1, 2, 3 and 11 Fall Outage	TBD
Three Year Accident Free	October 14, 2013
Winter Capacity Period	December 1, 2013 to February 28, 2014

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: All units have successfully completed the PJM Summer Capacity Tests and are qualified for entry 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		$ (1,009.12)	$ (1,009.12)
Balancing Operating Reserve		$ 122,042.48	$ 122,042.48
Balancing Spot Market Energy		$ (162,063.46)	$ (162,063.46)
Balancing Transmission Congestion		$ (5,500.67)	$ (5,500.67)
Balancing Transmission Losses		$ 3,867.92	$ 3,867.92
Black Start Service	$ (6,905.58)	$ 1,916.01	$ (4,989.57)
Capacity Resource Deficiency		$ (461.44)	$ (461.44)
Capacity Transfer Rights		$ (30,093.84)	$ (30,093.84)
Day-ahead Operating Reserve		$ 4,158.73	$ 4,158.73
Day-ahead Scheduling Reserve		$ 16.47	$ 16.47
Day-ahead Spot Market Energy		$ 543,023.83	$ 543,023.83
Day-ahead Transmission Congestion		$ (100,456.00)	$ (100,456.00)
Day-ahead Transmission Losses		$ 101,055.12	$ 101,055.12
Expansion Cost Recovery		$ 427.56	$ 427.56
FERC Annual Recovery		$ 3,394.88	$ 3,394.88
Generation Deactivation Refund		$ (758.35)	$ (758.35)
Inadvertent Interchange		$ (93.85)	$ (93.85)
Load Management Test Failure		$ (180.60)	$ (180.60)
Load Reconciliation for Balancing Operating Reserve		$ (16.49)	$ (16.49)
Load Reconciliation for FERC Annual Recovery		$ (18.13)	$ (18.13)
Load Reconciliation for Inadvertent Interchange		$ 0.90	$ 0.90
Load Reconciliation for Market Monitoring Unit (MMU) Funding		$ 0.04	$ 0.04
Load Reconciliation for North American Electric Reliability Corporation (NERC)		$ (2.84)	$ (2.84)
Load Reconciliation for PJM Scheduling, System Control and Dispatch Service		$ (54.34)	$ (54.34)
Load Reconciliation for PJM Scheduling, System Control and Dispatch Service Refund		$ 11.48	$ 11.48
Load Reconciliation for Reactive Services		$ (409.40)	$ (409.40)
Load Reconciliation for Regulation and Frequency Response Service		$ (59.58)	$ (59.58)
Load Reconciliation for Reliability First Corporation (RFC)		$ (3.55)	$ (3.55)
Load Reconciliation for Schedule 9-6 - Advanced Second Control Center		$ (6.85)	$ (6.85)
Load Reconciliation for Spot Market Energy		$ (8,079.71)	$ (8,079.71)
Load Reconciliation for Synchronized Reserve		$ (12.61)	$ (12.61)
Load Reconciliation for Transmission Congestion		$ (95.14)	$ (95.14)
Load Reconciliation for Transmission Losses		$ (363.25)	$ (363.25)
Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service		$ (19.55)	$ (19.55)
Locational Reliability		$ 889,581.84	$ 889,581.84
Market Monitoring Unit (MMU) Funding		$ 249.03	$ 249.03
Meter Error Correction		$ (2,322.93)	$ (2,322.93)
Network Integration Transmission Service		$ 264,462.52	$ 264,462.52
Non-Firm Point-to-Point Transmission Service		$ (294.24)	$ (294.24)
North American Electric Reliability Corporation (NERC)		$ 570.56	$ 570.56
Organization of PJM States, Inc. (OPSI) Funding		$ 39.37	$ 39.37
PJM Scheduling, System Control and Dispatch Service - Advanced Second Control Center		$ 1,557.43	$ 1,557.43
PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.		$ 857.08	$ 857.08
PJM Scheduling, System Control and Dispatch Service - Control Area Administration		$ 9,654.01	$ 9,654.01
PJM Scheduling, System Control and Dispatch Service - Market Support		$ 2,178.35	$ 2,178.35
PJM Scheduling, System Control and Dispatch Service - Market Support Offset		$ (296.69)	$ (296.69)
PJM Scheduling, System Control and Dispatch Service - Regulation Market Administration		$ 90.60	$ 90.60
PJM Settlement, Inc.		$ 296.69	$ 296.69
Reactive Services		$ 36,174.96	$ 36,174.96
Reactive Supply and Voltage Control from Generation and Other Sources Service	$ (29,467.58)	$ 33,224.59	$ 3,757.01
Regulation and Frequency Response Service		$ 13,429.77	$ 13,429.77
Reliability First Corporation (RFC)		$ 815.91	$ 815.91
RPM Auction	$ (1,089,270.00)		$ (1,089,270.00)
Synchronized Reserve		$ 3,313.27	$ 3,313.27
Transmission Enhancement		$ 23,052.94	$ 23,052.94
Transmission Losses		$ (27,558.74)	$ (27,558.74)
Transmission Owner Scheduling, System Control and Dispatch Service		$ 4,239.34	$ 4,239.34
Balancing Operating Reserve for Load Response		$ (5.75)	$ (5.75)
Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding		$ (0.18)	$ (0.18)
Load Reconciliation for Day-ahead Scheduling Reserve		$ (0.03)	$ (0.03)
Load Reconciliation for Synchronous Condensing		$ (0.13)	$ (0.13)
Demand Resource and ILR Compliance Penalty		$ (86.52)	$ (86.52)
Day-Ahead Load Response Charge Allocation		$ 569.70	$ 569.70
Real-Time Load Response Charge Allocation		$ (240.80)	$ (240.80)
Incremental Capacity Transfer Rights		$ (928.76)	$ (928.76)
Michigan - Ontario Interface Phase Angle Regulators		$ 182.12	$ 182.12
Non-Synchronized Reserve		$ 849.98	$ 849.98
CT Lost Opportunity Cost Allocation		$ (9.24)	$ (9.24)
Load Reconciliation for Non-Synchronized Reserve		$ (0.51)	$ (0.51)
	$ (1,125,643.16)	**$ 1,723,802.19**	**$ 598,159.03**

City of Dover

Capital Investment Plan

Project Tracking Report

March 31, 2013

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

			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	$ 19,645,688	$ 823,392	96.0%	$ 2,535,000	$ 4,089,100	$ 3,356,908	82.1%	In Process	Overall project 80% Complete on 7/31/12
ST1203		Dump Truck Refurbishment	30,000	24,000	28,725	(4,725)	119.7%	-	12,000	16,704	139.2%	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	$ 19,674,413	$ 950,867	95.4%	$ 2,535,000	$ 4,233,300	$ 3,373,612	79.7%		
		FY2013											
---		Vehicles & Equipment	$ 399,900	$ 399,900	$ 190,626	$ 209,274	47.7%	$ 399,900	$ 399,900	$ 190,626	47.7%		
---		Annual Fire Truck Payments	238,500	238,500	238,515	(15)	100.0%	238,500	238,500	238,515	100.0%		
Mayor		Security Cameras	33,000	33,000	33,000	-	100.0%	33,000	33,000	33,000	100.0%		
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	96,275	(3,275)	103.5%	93,000	93,000	96,275	103.5%		DEMA Grant funded
IT1301	G	Server & Backup Solution	57,000	57,000	56,942	58	99.9%	57,000	107,000	56,942	53.2%		$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	10,013	1,913,987	0.5%	1,924,000	1,950,000	10,013	0.5%		Financing to be determined
PD1301	G	Police Elec Breaker Replacement	33,800	33,800	33,800	-	100.0%	33,800	33,800	33,800	100.0%		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	$ 197,030	$ 2,304,070	7.9%	$ 3,172,500	$ 3,248,500	$ 659,171	20.3%		
		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	$ 19,871,443	$ 4,917,637	80.2%	$ 7,370,200	$ 9,088,500	$ 4,032,783	44.4%	44.4%	

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
March 31, 2013

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	522,687	900,813	36.7%	-	911,100	10,359	1.1%	Started	
		Totals	$ 900,000	$ 1,963,500	$ 531,383	$ 1,432,117	27.1%	$ -	$ 1,451,100	$ 19,055	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	85,823	26,102	76.7%	-	111,925	85,823	76.7%		
CT1317		Wesley College Phase I	-	148,604	-	148,604	0.0%	-	148,604	-	0.0%		
ST1301		FY13 Concrete Program	60,000	60,000	6,199	53,801	10.3%	60,000	60,000	6,199	10.3%		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	48,240	54,160	47.1%	-	102,400	48,240	47.1%		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	$ 140,262	$ 2,337,838	5.7%	$ 2,306,700	$ 2,478,100	$ 140,262	6.1%		
		Grand Totals	$ 3,593,650	$ 4,528,550	$ 671,645	$ 3,856,905	14.8%	$ 2,306,700	$ 4,108,150	$ 159,317	6.9%		

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

Water/Wastewater Improvement & Extension Fund - Major CIP Projects
March 31, 2013

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	$ 47,264	$ 2,542,736	1.8%	$ 2,000,000	$ 2,166,000	$ 13,255	0.6%	Started	Staff reviewing agreement docs
WD0805	M	Piney Point Well	398,800	665,000	118,580	546,420	17.8%	450,000	532,901	44,170	8.3%	Started	Staff reviewing RFP
		Totals - FY08	$ 4,595,400	$ 3,255,000	$ 165,844	$ 3,089,156	5.1%	$ 2,450,000	$ 2,698,901	$ 57,425	2.1%		
		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	353,596	5,304	98.5%	-	144,800	89,297	61.7%	98.0%	Final punch list items outstanding
WW1010	I	Tar Ditch Interceptor Upgrade	518,230	495,400	28,014	467,386	5.7%	-	490,300		0.0%	Started	Easement request sent to residents
		Totals - FY10	$ 946,130	$ 854,300	$ 381,611	$ 472,689	44.7%	$ -	$ 635,100	$ 89,297	14.1%		
		FY2011											
WW1104	SL	Lepore Road P/S Replacement	350,000	402,000	283,491	118,509	70.5%	-	384,200	210,105	54.7%	Started	Contractor ordered Station
		Totals - FY11	$ 350,000	$ 402,000	$ 283,491	$ 118,509	70.5%	$ -	$ 384,200	$ 210,105	54.7%		
		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%	-	62,776	49,578	79.0%	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	76,784	8,116	90.4%	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	$ 471,702	$ 1,656,098	88.8%	$ 574,300	$ 754,676	$ 52,798	7.0%		
		FY2013											
---		Vehicles & Equipment	$ 524,500	$ 524,500	$ 408,745	$ 115,755	77.9%	$ 524,500	$ 527,548	$ 408,745	77.5%	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	26,963.47	475,037	5.4%	52,000	52,000	26,963	51.9%	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	39,996.51	1,788,003	2.2%	1,828,000	1,828,000	39,997	2.2%	Started	Pending Council approval 9/24
WD1302	M	Garrison Farm Storage Tank	1,828,000	1,828,000	142,660	1,685,340	7.8%	1,828,000	1,828,000	142,660	7.8%	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	67,675	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	19,507		-	345,000	310,493	0.0%	65.0%	Contractor finishing New Street
II1302		Fox Hall	-	142,000	145,355	(3,355)		-	162,000	145,355	89.7%	Scheduled	
II1303		Morris Estates	-	276,000	211,692	64,308		-	241,000	211,692	87.8%	Scheduled	
II1304		Wesley College	-	10,000	7,200	2,800		-	10,000	7,200	72.0%	Scheduled	
II1305		NRG sanitary sewer upgrade	-	175,000	39,266	135,734		-	175,000	39,266	22.4%	Not started	Bids due 10/4/12
II1306		I & I Design	-	40,000	21,024	18,976		-	40,000	21,024	52.6%	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	36,027	1,973		-	38,000	36,027			
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	$ 1,508,288	$ 6,442,012	0.0%	$ 6,011,500	$ 6,974,023	$ 1,508,288	21.6%		
N/A		Debt issuance cost-Garrison Farm	344,000	344,000	-	344,000	0.0%	344,000	344,000	-	0.0%		
		Grand Totals	$ 16,971,630	$ 17,148,000	$ 4,984,130	$ 12,163,870	29.1%	$ 9,379,800	$ 11,983,500	$ 2,032,781	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.
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;

Electric Improvement & Extension Fund - Major CIP Projects
March 31, 2013

			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	$ 484,599	$ 280,601	63.3%	$ 610,200	$ 611,800	$ 331,240	54.1%	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	413,153	1,080,847	27.7%	115,000	115,000	16,330	14.2%	In process	Will complete Spring outage
EG1214	M	Industrial WW Discharge System	272,000	272,000	101,993	170,007	37.5%	-	242,000	81,412	33.6%	In process	
EU1202	M	Persimmon Tree Lane Feeder Rplcmt	113,500	113,500	44,148	69,352	38.9%	-	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	$ 1,148,651	$ 1,746,049	39.7%	$ 854,200	$ 1,144,600	$ 466,805	40.8%		
		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	57,300	5,028	52,272	8.8%	50,000	42,159	5,028	11.9%		Over Budget; Revenue offset
EE1313	R	FY13 New Dvlpmnts - UG Conductors	350,000	(345,501)	6,958	(352,459)	-2.0%	350,000	(236,508)	6,958	-2.9%		
EE1313	R	FY13 New Dvlpmnts - 1 Phase Meters	50,000	23,940	707	23,233	3.0%	50,000	2,493	707	28.4%		
EE1301		Willow Tree Park	-	9,800	13,077	(3,277)	133.4%	-	13,078	13,077	100.0%		Complete
EE1302		Bayard Plaza	-	39,400	31,514	7,886	80.0%	-	31,515	31,514	100.0%		Complete
EE1303		Frazier Sub Upgrade	-	-	3,500	(3,500)	0.0%	-	-	3,500	0.0%		
EE1310		YMCA	-	22,000	20,916	1,084	95.1%	-	20,917	20,916	100.0%		Complete
EE1311		Super 8 Motel	-	6,200	5,802	398	93.6%	-	5,802	5,802	100.0%		Complete
EE1315		State Street Plaza	-	8,700	7,207	1,493	82.8%	-	8,708	7,207	82.8%		
EE1317		The Grand Apartments	-	79,560	77,378	2,182	97.3%	-	77,378	77,378	100.0%		Complete
EE1318		M & L Ventures Warehouses	-	28,800	29,984	(1,184)	104.1%	-	29,986	29,984	100.0%		Complete
EE1319		Proctor & Gamble	-	30,000	19,225	10,775	64.1%	-	19,225	19,225	100.0%		Complete
EE1320		Generals Green Lights	-	26,000	-	26,000	0.0%	-	-	-	0.0%		Cancelled
EE1322		Grottos Pizza	-	57,600	55,981	1,619	97.2%	-	57,598	55,981	97.2%		
EE1323		Dover High Lighting	-	264,200	263,668	532	99.8%	-	263,668	263,668	100.0%		Complete
EE1324		Bayhealth Fiber Wood	-	50,000	41,927	8,073	83.9%	-	41,928	41,927	100.0%		Complete
EE1325		Redner's Grocery Store	-	16,600	-	16,600	0.0%	-	-	-	0.0%		
EE1326		DelDot Bridge Project	-	90,000	54,340	35,660	60.4%	-	55,820	54,340	97.3%		
EE1327		George & Lynch Asphalt	-	25,000	-	25,000	0.0%	-	25,000	-	0.0%		
EE1328		Fiber Blue Hen Project	-	49,300	43,643	5,657	88.5%	-	43,644	43,643	100.0%		Complete
EE1329		Calpine Garrison Energy	-	183,500	172,106	11,394	93.8%	-	189,409	172,106	90.9%		
EE1331		Dicks Sporting Goods	-	34,500	-	34,500	0.0%	-	44,100	-	0.0%		
EE1332		Schutte Park Well	-	4,400	-	4,400	0.0%	-	-	-	0.0%		Cancelled
EE1333		DTCC Relocate Service	-	20,300	-	20,300	0.0%	-	30,900	-	0.0%		
EE1334		645 N. Gov Ave Bore	-	3,601	3,601	0	100.0%	-	3,601	3,601	100.0%		Complete
EE1335		Windstream Fiber Proj	-	19,000	8,765	10,235	46.1%	-	13,279	8,765	66.0%		
EE1336		McDonalds	-	16,800	-	16,800	0.0%	-	16,800	-	0.0%		
EE1337		Royal Farms	-	20,500	-	20,500	0.0%	-	20,500	-	0.0%		
EE1304	R	FY13 Lighting Project & Rehab	100,000	100,000	99,916	84	99.9%	100,000	100,000	99,916	99.9%		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	64,000	-	64,000	0.0%	55,000	70,000	-	0.0%		
EE1306	R	Trans Line Maint Program	75,000	4,000	3,986	14	99.7%	75,000	4,000	3,986	99.7%		
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	24,203	283,797	7.9%	-	308,000	24,203	7.9%		
EE1321		Pleasanton Acres	-	80,000	59,158	20,842	73.9%	-	80,000	59,158	73.9%		
N/A	R	FY13 Distribution Feeder Replacements	277,500	213,500	-	213,500	0.0%	277,500	(61,500)	-	0.0%		
EE1330		Morris Esates 1 Upgrade	-	275,000	51,989	223,011	0.0%	-	275,000	51,989	18.9%		
EE1316		Wyoming Avenue Feeder Replacement	-	64,000	55,089	8,911	86.1%	-	64,000	55,089	86.1%		
EG1301		Units 1 Repair - Gasket leak	-	65,000	88,086	(23,086)	135.5%	-	95,000	88,086	92.7%		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%		This project is not needed.
EG1307		Unit 3 Air Heater Expansion Joint	80,000	80,000	47,894	32,106	59.9%	80,000	50,000	47,894	95.8%		
EG1309		Unit 3 Stack Repairs	27,000	27,000	3,439	23,561	12.7%	27,000	27,000	3,439	12.7%		
EG1310		Units 1 & 2 Stack Repairs	75,000	75,000	14,000	61,000	18.7%	75,000	75,000	14,000	18.7%		
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	28,965	207,035	12.3%	236,000	236,000	28,965	12.3%		
EG1313	R	Unit 3 Aux Sys Components	55,000	55,000	21,345	33,655	38.8%	55,000	55,000	21,345	38.8%		
			$ 4,892,600	$ 5,462,100	$ 1,542,916	$ 3,919,184	28.2%	$ 3,115,800	$ 3,480,800	$ 1,542,916	44.3%		
		Grand Totals	$ 7,927,300	$ 8,356,800	$ 2,691,567	$ 5,665,233	25.4%	$ 3,970,000	$ 4,625,400	$ 2,009,721	43.4%		

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

City of Dover
Electric Revenue Fund
FY13 - White Oak Solar Park Incremental Cost

	July	August	September	October	November	December	January	February	March	April	YTD	Original Budget
Power Supply & Generation												
Dover Sun Park - Energy	$ 188,115	$ 165,987	$ 149,808	$ 90,971	$ 79,150	$ 54,242	$ 70,417	$ 82,916	$ 129,900	$ 192,841	$ 1,204,346	$ 1,414,500
Dover Sun Park - REC's	43,161	39,370	35,300	21,432	18,631	12,747	16,249	19,059	29,837	-	235,786	351,600
Total Power Supply Cost	231,276	205,356	185,108	112,403	97,781	66,989	86,666	101,975	159,737	192,841	1,440,132	1,766,100
Non-Solar Power Supply Cost	(182,544)	(155,720)	(142,210)	(86,418)	(77,539)	(51,224)	(67,991)	(77,639)	(125,778)	(188,650)	(1,155,712)	(1,112,717)
Incremental Energy Cost	$ 48,732	$ 49,636	$ 42,898	$ 25,985	$ 20,242	$ 15,765	$ 18,675	$ 24,336	$ 33,959	$ 4,191	$ 284,420	$ 653,383
Revenues												
Customer Sales - Electricity	(8,858)	(7,781)	(6,991)	(7,028)	(7,402)	(7,427)	(7,586)	(7,429)	(7,153)	(8,619)	(76,274)	(76,274)
Rent Receipts	(14,094)	-	-	-	-	(14,094)	-	(14,446)	-	(14,446)	(57,080)	(56,376)
Total Revenues	(22,952)	(7,781)	(6,991)	(7,028)	(7,402)	(21,521)	(7,586)	(21,875)	(7,153)	(23,065)	(133,354)	(132,650)
Incremental Sun Park Cost	$ 25,780	$ 41,855	$ 35,907	$ 18,957	$ 12,840	$ (5,756)	$ 11,089	$ 2,461	$ 26,806	$ (18,874)	$ 151,066	$ 520,733
MWh Purchased/Generated - Solar	2,097.730	1,893.370	1,682.090	1,021.460	888.720	609.050	771.170	908.078	1,422.622	2,111.938	13,406.228	17,042.000
MWh $ Solar Energy	$ 89.68	$ 87.67	$ 89.06	$ 89.06	$ 89.06	$ 89.06	$ 91.31	$ 91.31	$ 91.31	$ 91.31	$ 89.83	$ 83.00
Solar REC's MWh	315.000	315.000	252.000	153.000	133.000	91.000	116.000	136.000	213.000	317.000	1,375.000	
MWh $ Solar REC (one month lag)	$ 137.02	$ 124.98	$ 140.08	$ 140.08	$ 140.08	$ 140.08	$ 140.08	$ 140.14	$ 140.08	$ -	$ 171.48	
MWh $ Non-Solar Energy	$ 87.02	$ 82.24	$ 84.54	$ 84.60	$ 87.25	$ 84.11	$ 88.17	$ 85.50	$ 88.41	$ 89.33	$ 86.01	

Second quarter rent receipt, not received until December 2012;