UTILITY COMMITTEE

The Utility Committee Meeting was held on February 10, 2014 at 5:30 p.m. with Chairwoman Williams presiding. Members present were Mr. Perza and Mr. Blakeman. Mr. Slavin and Mr. Snaman were absent. Members of Council present were Mr. Dixon (arrived at 5:31 p.m.) and Mr. Hutchison. Mayor Carey was also present.

AGENDA ADDITIONS/DELETIONS

Mr. Blakeman moved for approval of the agenda as presented, seconded by Mr. Perza and unanimously carried.

McKee Run Units 1 and 2 - 2017-2018 Capacity Auction

In a letter dated February 7, 2014, Mr. Kirk Betts, Betts & Holt LLC, Energy Attorney for the City, requested an opportunity to present a recommendation to the Utility Committee regarding McKee Units 1 and 2. Members were reminded that they, along with City Council, were provided a report last year explaining how the capacity value of these units compared to the PJM capacity auction prices on the Delmarva Peninsula would become negative within several years. Mr. Betts explained that the decision about the future of these units also affects power supply negotiations and plant operating contract negotiations, both of which have been given a high priority. In addition, he noted that there is a matter involving a request for waiver with respect to a notice that was not provided to PJM in December.

Members were reminded that during their Regular Meeting of December 9, 2013, City Council approved of the Committee's recommendations of November 25, 2013, that, for the short term, Units 1 and 2 not be offered into PJM's capacity auction for the 2017/18 delivery year; that a comprehensive analysis be performed that lays out all the decision options for the City of Dover; that a similar analysis on other parts of the generation portfolio be completed; and that all supply options be surveyed, including new generation projects in and around Dover and Power Purchase Agreement (PPA) opportunities.

Mr. Betts indicated that the City of Dover is reviewing several activities related to its power supply, such as the Purchase Power Agreement with Calpine and the renegotiation of the North American Energy Services (NAES) contract. He stated that when the Cost/Benefit Analysis for McKee Run Units 1 and 2 was presented to members, it was recommended that the units be shutdown due to operation costs and capital improvements ($1.7M between now and 2017 and an additional estimated $2.4M). He reminded members that there was an outage on the Unit last summer which resulted in a penalty for the City. Although The Energy Authority (TEA) had recommended an evaluation of the units, he noted that the strongest recommendation was to prepare to close the units and not bid them into the market. No action regarding this specific recommendation was taken when considered by the Committee in November 2013 or City Council in December 2013. The City's membership in the PJM requires that the City provide notice three (3) years in advance as to whether or not the City will bid the units into the market; therefore, the City was required to provide notice regarding 2017/2018 in December 2013. He assured members that TEA has been working on obtaining a waiver on the notification requirement; however, if the City is not granted a waiver, the City cannot bid the Unit in and can only get what would be provided in the market place. He noted that in reviewing the 2016/2017 period, those units are not economic and according to TEA analysis, once the City begins making capital investments, in order to recover the costs to the Unit over the next

five (5) years, the capacity costs for this zone would need to be $311 per megawatt day. He explained that the capacity rate for 2015/2016 is $110 per megawatt day and with construction of the facility at Garrison, the rate is expected to stay suppressed and could potentially go lower. In this case, the City would have two (2) 16 megawatt units losing money for the City at $200 per megawatt day rather than providing the City money, as they have in the past, to help subsidize the costs of these units.

Mr. Betts explained that the theory for all the City's capacity payments, the fixed ability to generate at any hour called on, is that it is the money that has been used to pay the NAES Operating Agreement and also to contribute to the overall cost of operations for the City's customer. When this number goes negative, he stated that the City pays money to maintain a facility; therefore, the long term question is if the City should be putting money into two (2) 16 megawatt units that are very manually driven, very intensive for operating, and that are 50 years old. As a result, the City must decide whether to maintain Units 1 and 2.

Mr. Betts stated that his request for bringing this issue before members at this time is due to his responsibilities to negotiate the Calpine contract and the NAES Contract since he does not know what to negotiate on the City's behalf without knowing how many megawatts are needed. If the City plans to maintain the 16 megawatt units and make the investments on Units 1 and 2, then he would not need to negotiate capacity, the City would just be in the market looking for energy, and the Calpine contract may or may not have any value. Referring to the NAES contract, he stated that there are implications for what the overall costs of operating the facility should be, explaining that if the units are maintained, there would be a certain amount of labor and other maintenance costs over the term of the contract and if those two (2) units are removed, there would be a reduction in maintenance costs. He reminded members that the maintenance costs alone are anticipated to be a minimum of $1.7M over the next several years, in addition to manpower and other operating expenses as well as other ancillary charges under the contract based upon the whole contract price. He stated that it would also affect the bonus provisions since the contract provides for a bonus of 20% of a fee based upon all those units dispatching.

Mr. Betts strongly recommended that the committee make the decision to close Units 1 and 2. He stated that the City has the option to close the units sooner or later and can always replace the capacity at a reasonable cost, explaining that the City is committed through 2016 to maintain the units or find replacement capacity. Part of his responsibility, on behalf of the City, would be to negotiate a contract that is comparable and would keep the City "in the money" in lieu of expending the money that would otherwise be spent on the units, which may allow the City to take the capacity contract earlier rather than 2017/2018. He assured members that capacity and energy are available and that Units 1 and 2 are becoming very costly. Based on all the recommendations and current contract negotiations, he felt confident that the City should make a firm decision on the termination of Units 1 and 2.

In response to Mr. Perza, Mr. Betts indicated that there is capacity in the market place that can be purchased. He reminded members that when the City negotiated the Option Agreement for the land and the development at Garrison, one (1) of the items the City negotiated was an option to take 50 megawatts of that facility. Under this Option Agreement, there was a formula established that

provided that the capacity payment should be equal to the actual cost of that unit. He informed members that the cost, as well as how to benchmark the cost against the market price for capacity, are still under negotiation to develop an appropriate price to recommend to the City.

Mr. Betts explained that this matter is not an "apples to apples" comparison between market capacity or a new unit and Units 1 and 2. He is mostly concerned with the City putting money into Units 1 and 2 and still not having the reliability desired. Reliability is critical for two (2) reasons: 1) the City pays a substantial amount of money to maintain Units 1 and 2; and 2) if Units 1 and 2 are not reliable and do not dispatch on signal from PJM, the City takes a forced outage, which results in a penalty and causes a higher reserve margin to be assigned, both of which are very costly.

Providing an explanation of a reserve margin, Mr. Betts stated that there is an assumption that a certain number of plants are going to fail and that there is flexibility in how much is actually demanded in the market. Noting that PJM has units all over the country, he stated that there is a percentage (14%-15%) over and above what is actually purchased; therefore, if 100 megawatts are purchased, 115 megawatts are the amount actually paid for in order to cover the reserve. He indicated that the City now has 175 megawatts of capacity and that, according to TEA, the City is buying 2.4-2.5 additional; however, the actual peak demand is substantially below the 175 megawatts at approximately 160 megawatts. Therefore, the additional megawatts are the reserve the City must have and maintain or purchase in the market place. If there is a failure in the dispatch, there would be a penalty and the amount of capacity the City has to buy is increased. This would require the City to purchase extra reliability due to its own failure. The goal would be to bring that amount down to what would be reasonable and consistent with the market place. However, he explained that the main goal is for the City to maintain reliability at a high level, noting that the City's customers and PJM expect 100% reliability.

In response to Mr. Blakeman, Mr. Betts stated that when the City entered into the last contract with NAES and PACE, there was an assumption that Units 1 and 2 would be taken out of service three (3) to four (4) years into the contract, and the City is well beyond that time frame now. Even though there has been an estimate of $2.4M for opening up Units 1 and 2, he stressed that there is no guarantee there will not be additional expenses, particularly since these units have not been opened for several years. The borescope device can only access a certain number of blades, and the blades that have been inspected indicate wear; therefore, the assumption is that more than likely there is wear on the larger blades that they do not see, and when the units are opened, it will cost more to repair the unit. He stated that Council has delayed opening the unit for review until FY 2017 in order to save money while considering whether or not to close Units 1 and 2. If the units are opened in FY 2017 and it is determined that there is a $5M expense rather than the $2.4M expense that was originally anticipated, he questioned what the City would have gained, noting that the City would probably have committed out another two (2) to three (3) years by that time.

Mr. Betts reiterated that now is the right time for the City to make a decision with regard to McKee Run Units 1 and 2 because there is a serious question about their reliability. Although the NAES Contract provides rewards, there are not substantial penalties for the failure of those units, since the City takes the penalty. At the request of Mrs. Williams, Mr. Betts stated that he would forward the performance percentage and dollar amount specifics of the NAES Contract to members.

Responding to Mr. Hutchison, Mr. Betts explained that PJM operates, technically, as a non-profit facilitator of energy and transmission management for this region and the City pays annual dues as a member. Regarding the City's Budget, Mrs. Donna Mitchell, Controller/Treasurer, stated that the CIP includes $1.7M for Units 1 and 2 and an additional $2.4M for FY 2017/2018 to open up these units for re-evaluation. Mr. Betts stated that the total budget costs of $4.1M is a low estimate.

In response to Mrs. Williams and Mr. Blakeman, Mr. Betts indicated that if the City chose to decommission both Units 1 and 2, the $2.4M expense for FY 2017/2018 would be eliminated; however, the City would need to obtain replacement capacity and, depending on how quickly the City is able to find replacement capacity, could avoid expending some of the $1.7M to maintain the units.

Responding to Mrs. Williams, Mr. Betts stated that the City continues to study the VanSant Unit and that it has been determined that Unit 3 is fine but it is at capacity. Regarding the VanSant Unit, Mrs. Mitchell stated that the City currently has McHale, the company that previously conducted the analysis on the increase of capacity, re-reviewing the Unit and they have obtained bids and are running the number to determine whether the capacity can be increased. They are not guaranteeing the capacity that the City was hoping for (6 megawatts), feeling that there may be 5 megawatts. The current capacity is 39 megawatts. Mr. Betts indicated that the VanSant Unit is the most dispatched unit for the City because it comes up, serves as a "peaker", is a short-term unit that can come up for emergencies, etc. One of the challenges for this Unit is the moving target on what PJM gives for the value on a megawatt day for capacity. He explained that if the City invests a certain amount of money, there is a certain return needed on the Unit, and the PJM capacity costs are declining, which is why they are re-reviewing the analysis to make sure the City's investment is fully returned.

In regard to the questions of Mrs. Williams, Mr. Betts stated that one (1) of the creative ideas that has been discussed is whether there is value in the market place for the capacity for Units 1 and 2, and the possibility of giving someone else the rights to the capacity. If there is someone that is interested in the 32 megawatts that is located in the area, where there are transmission constraints, there may be real value to swap those megawatts. In addition, he stated that there should be consideration to the emissions credits, explaining that if it is decided to take the units out and they are not replaced, the City may be able to sell those emissions credits forward for a number of years. He noted that emissions credits have been sold in the past based on the way the units operate. Therefore, he explained that there are potential revenue opportunities with the decommissioning of the units.

Mr. Betts referred to the SOx and NOx and indicated that there was a recent EPA issuance specifying what determines what a plant should be able to dispatch out for coal and are reviewing all fossil fuel plants. As discovered several years ago, he reminded members that with older units, if any improvements are made to them, there is a risk that the new regulations will become applicable, which he did not believe had been calculated into what may happen with Units 1 and 2. He stressed that it would be difficult to make Units 1 and 2 compliant, particularly since they are burning #2 oil.

Mrs. Mitchell informed members that the current five-year CIP would change because the maintenance over the next three (3) years for Units 1 and 2 may change; for example, a borescope was going to be performed this year in the spring; however, if the units are decommissioned, that work will not be performed and the entire CIP will need to be reworked.

Mr. Perza questioned if shutting down Units 1 and 2 would create a leverage problem for negotiations for replacing the capacity. Responding, Mr. Betts stated that he had considered this issue and, as a negotiator, there is a certain balance to be maintained. He explained that the first question for him is how much capacity he needs to negotiate for on behalf of the City. Currently, the City does not need additional capacity, so unless a decision is made regarding Units 1 and 2, he has no direction for negotiating on behalf of the City. In addition, he stated that if the units were very efficient and competitive under PJM, there would be an entirely different type of discussion taking place at this time. He indicated that efficiency is measured by "heat rate" and that, as an example, the heat rate on the Garrison Unit (which is seen throughout PJM) is 6,800, which is really low. Units 1 and 2 are within the 1,200 - 1,300 range, which means the Garrison Unit is twice as efficient because it burns half as much gas to generate the same amount of electricity as Units 1 and 2.

Mr. Blakeman moved to recommend terminating Units 1 and 2, as recommended by Mr. Kirk Betts, Energy Attorney for the City, seconded by Mr. Perza and unanimously carried. *(City Clerk's Office Note: Due to time constraints, this item was placed on the Council agenda for the meeting being held later in the evening.)*

Dedication of Water and Wastewater Infrastructure - The Grande

Members reviewed a request of Doveview Investors, LLC, the responsible party for completing the water and wastewater infrastructure within the Grande Apartment Complex, for all water and wastewater infrastructure within the public utility easement to be dedicated to the City of Dover for permanent ownership and maintenance, including a list outlining the entire water and wastewater infrastructure associated with this complex. The total construction value of the infrastructure is $130,620.

Mr. Scott Koenig, City Manager, assured members that Doveview Investors, LLC completed construction of the infrastructure in accordance with City standards and specifications. After construction was completed, City staff inspected the water and wastewater infrastructure and developed a list of repairs to be made to meet the City of Dover Standards and Specifications for Public Works Construction. All work required by the Public Works Director has been completed and a one (1) year Maintenance Agreement and a Release of Liabilities will be submitted as part of the dedication process. The required as-built drawings of the infrastructure as well as videos of the sanitary sewer mains have been provided to staff.

Staff recommended acceptance of the dedication of water and wastewater infrastructure within the public utility easement in The Grande Apartment Complex, to include all of the referenced water and wastewater infrastructure.

Mr. Perza moved to recommend approval of staff's recommendation for the acceptance of the dedication of water and wastewater infrastructure within the public utility easement in The Grande Apartment Complex, to include all of the referenced water and wastewater infrastructure. The motion was seconded by Mr. Blakeman and unanimously carried.

Dedication of Rights-of-Way and Public Infrastructure - Farthing Woods

Members reviewed a request of Ashburn Homes, Inc., the responsible party for completing the public infrastructure within the Farthing Woods Subdivision, for all public infrastructure improvements to be dedicated to the City of Dover for permanent ownership and maintenance, including a list outlining all of the public improvements associated with this development. The total construction value of the infrastructure is $261,262.

Mr. Scott Koenig, City Manager, assured members that Ashburn Homes, Inc. completed construction of the improvements in accordance with City standards and specifications. After construction was completed, City staff inspected the public improvements and developed a list of repairs to be made to meet the City of Dover Standards and Specifications for Public Works Construction. All work required by the Public Works Director has been completed. He indicated that a one (1) year Maintenance Agreement and a Release of Liabilities will be submitted as part of the dedication process. Required as-built drawings of the infrastructure as well as videos of the sanitary sewer mains have been provided to staff.

Staff recommended acceptance of the dedication of rights-of-way and public infrastructure in the Farthing Woods Subdivision to include all of the referenced public improvements.

Responding to Mr. Perza, Mr. Koenig stated that there are three (3) lots that remain undeveloped within the Subdivision. He explained that 80% of the development must be completed prior to the City's acceptance of the dedication.

Mr. Perza moved to recommend approval of staff's recommendation for the acceptance of the dedication of rights-of-way and public infrastructure in the Farthing Woods Subdivision to include all of the referenced public improvements. The motion was seconded by Mr. Blakeman and unanimously carried.

Quarterly Review of Utility Related Capital Investment Plan (CIP) (Electric and Water/Wastewater)

Mr. Scott Koenig, City Manager, reviewed the Capital Investment Plan Project Tracking Report, as of December 31, 2013, noting that the spreadsheet for the Electric Improvement & Extension Fund - Major CIP Projects was inadvertently omitted from the packet and would be provided to members following the meeting ***(Attachment #1)***.

Mr. Koenig stated that several of the projects have progressed since December 31, 2013. He noted that the New Library Project is still listed because the City has not made final payments since there are still some close out items associated with the Library, and the Roof Replacement Project for Dover Park is on hold since discussion related to the demolition of the structure has been ongoing. The Annual Contribution to Robbins Hose is a standard item which is paid out of the Capital Fund.

Project ST1404, for the completion of the streets in the Village of Westover IV, has been completed since December 31, 2013.

Mr. Koenig noted that several of the projects listed on the Community Transportation & General Fund Street Funds - Major CIP Projects have been completed but that the City is awaiting final billing. Referring to the Water/Wastewater Improvement & Extension Fund - Major CIP Projects, he stated that there have been some changes based on the approvals of Garrison. In addition, he noted that the City is still working on alternative sites for the 1M gallon elevated water storage facility off of Denneys Road. He stated that the Piney Point Well is actually in the final phases and the project was extended to March 1, 2014 for final testing. Although the well, several control systems, and standby generator are in place, there are some minor items which need to be completed in order to obtain final authorization from DNREC to put the project into the system.

With reference to the Tar Ditch Interceptor Upgrade, Mr. Koenig stated that since the City has additional engineers on staff, final easements will be obtained from surrounding property owners. He noted that the Garrison improvements are identified; however, the report reflects the old budgets, and has not been updated to include the most recent approvals by City Council. He advised members that further work has been completed on several of the wastewater projects and assured members that these information would be reflected on the next quarterly report.

No further action was taken by the committee.

TEA/NAES Report *(December)*

The TEA/NAES Monthly Report for December 2013 was provided to members to enable them to monitor electric sales and revenues received, which will provide a better understanding of any fluctuations that occur and allow the opportunity to make improvements if deemed necessary.

Mr. Koenig noted that the overall power supply costs were $258,397 over budget due to higher load and reactive services costs and that staff was continuing to monitor these costs. Referring to the Supply Variance, he explained that the actual Gross Load of 61,756 was higher than the budgeted amount because the actual power demand in the City has been slightly higher than originally anticipated. Mr. Koenig stated that YTD Variance Report indicated that the total utilities cost was approximately $600,000 over budget as a result of the reactive services charges, which, as explained during the Committee meeting of January 27, 2014, staff hopes will be closer to the budgeted amount for the remainder of the year. He noted that the City did run during the month of January, due to the colder temperatures; however, the City was buying the unhedged portion of the portfolio in the market and the costs were very high.

In response to Mrs. Williams, Mr. Scott Koenig, City Manager, indicated that the City's portfolio is 80% hedged; therefore, the City purchases approximately 20% on the market. As a result, when the prices increase, the City is subject to that portion of the market and when there is a decrease in the prices, the City benefits. He confirmed that the prices were very high during the recent extreme cold weather and that the system was constrained.

Mr. Blakeman moved to recommend acceptance of the TEA/NAES Monthly Report for December 2013, seconded by Mr. Perza and unanimously carried.

UPDATES

Members were provided the following updates:

Green Energy Funding and Programming

Mr. Scott Koenig, City Manager, reviewed details regarding the Green Energy Funding and Programming.

Mr. Koenig reminded members that, during the Utility Committee meeting held on November 12, 2013, members reviewed a request from the Presbyterian Church of Dover (the Church) to consider a change in tariff language to have the wording "or have instrument rated metering" removed from the C/C1 (Small Commercial) classification description, and staff committed to working with the Church to provide assistance with a Green Energy Grant Application to facilitate energy efficiency within the City's electric system. He advised members that the grant for the Church had been processed and the Church was able to replace its meter and change classification.

National Pollution Discharge Elimination System (NPDES) Municipal Separate Storm Sewer Systems (MS4) Permit

Mr. Scott Koenig, City Manager, advised members that the City continues to operate under an expired National Pollution Discharge Elimination System (NPDES) Municipal Separate Storm Sewer Systems (MS4) Permit. The City is anticipating that the State will be issuing a Permit later in 2014 and that it will be more of a State-wide permit, which will provide for equal treatment and an expected level of compliance. He stated that additional information will be presented to members in the next few months as the City receives the permits and conditions presented.

Garrison Oak Technical Park Project Updates

Mr. Scott Koenig, City Manager, provided an update regarding the Garrison Oak Technical Park Project, as follows:

City Infrastructure

Mr. Koenig stated that during the Council meeting of January 27, 2014, a number of construction contracts were approved and there will be additional items presented to Council related to the adjustment of the pole line for the 69kV transmission and some final changes to the Engineering Services Agreement. He indicated that the administrative site plan for the water tower was submitted and construction is anticipated to begin once the weather improves. He stated that staff is working to get both the pump station and the general development contracts for the balance of the park signed and that construction meetings will be scheduled soon so that work can begin once weather improves.

Mr. Koenig advised members that the Uzin Utz facility is finalizing their designs, permitting, contracts, etc. and anticipates beginning work in the spring. All projects are converging on a early 2015 completion; therefore, he stated that there will be a substantial amount of work being done at the Park.

Mr. Koenig stated that Mr. Bill Neaton, Economic Development Director, has begun to focus his attention on marketing the remainder of the lots at the Park.

Calpine Energy Center

Mr. Koenig stated that once the weather improves, he will be scheduling tours of the Calpine facility and as construction progresses staff will be providing updates and tours. He stated that the Calpine facility is anticipated to be complete in June 2015; however, since testing is scheduled to take place early in 2015, he felt that it may be completed by late 2014/early 2015.

In response to Mr. Blakeman, Mr. Koenig stated that he had selected a candidate for the Electric Director position and was at the point of making an offer but was unable to move forward; therefore, he will begin the process again.

Dover Sun Park

Mr. Koenig reviewed information regarding the Electric Revenue Fund FY14 - White Oak Solar Park Incremental Cost, noting that the incremental Sun Park costs was $226,600 as of December 31, 2013. He assured members that the solar park is meeting the City's green energy portfolio demands and while it is slightly more costly then regular energy, it is performing as expected.

Mr. Blakeman moved for adjournment, seconded by Mr. Perza and unanimously carried.

Meeting Adjourned at 6:21 p.m.

Beverly C. Williams
Chairwoman

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Attachment
Attachment #1 - Quarterly Report - Electric Improvement & Extension Fund - Major CIP Projects

City of Dover
Electric Improvement & Extension Fund - Major CIP Projects
Quarterly Report as of December 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: Current Fiscal Year Budget	Revised Fiscal Year Budget	Fiscal YTD Expenses	Budget Balance	% Budget Spent	Status	Comments
1			**FY2012**												
2	EG1212	M	Unit 3 Turbine Inspection/Repair	$ 1,494,000	$ 1,653,536	$ 518,643	$ 1,134,893	31.4%	$ 1,149,800	$ 1,149,800	$ 14,907	$ 1,134,893	1.3%	In process	Will complete Spring outage
3	EG1214	M	Industrial WW Discharge System	272,000	272,000	283,767	(11,767)	104.3%	-	8,000	9,418	(1,418)	117.7%	Complete	Expenses are a 100%
4			**Total**	$ 1,766,000	$ 1,925,536	$ 802,410	$ 1,123,126	41.7%	$ 1,149,800	$ 1,157,800	$ 24,325	$ 1,133,475	2.1%		
5															
6			**FY 2013**												
7	EE1308	M	Horsepond Substation Upgrade	$ 761,800	$ 761,800	$ 346,896	$ 414,904	45.5%	$ 591,800	$ 730,900	$ 316,046	$ 414,854	43.2%	In process	Under Construction
8	EE1312	M	General Scott Switchgear	1,155,000	1,150,000	2,851	1,147,150	0.2%	800,000	850,000	2,851	847,150	0.3%	In process	Under Design
9	EE1314		Capitol Park Upgrade	-	248,000	320,423	(72,423)	129.2%	248,000	248,000	220,551	27,449	88.9%	In process	Under Construction
10	EE1330		Morris Estates 1 Upgrade	-	32,600	249,722	(217,122)	766.0%	-	32,600	7,322	25,278	22.5%	In process	Under Construction
11	EG1312		Generator Repairs	-	4,200	-	4,200	0.0%	-	4,200	-	4,200	0.0%	Complete	Expenses are a 100%
12				$ 1,916,800	$ 2,196,600	$ 919,892	$ 1,276,708	41.9%	$ 1,639,800	$ 1,865,700	$ 546,770	$ 1,318,930	29.3%		
13															
14			**FY 2014**												
15	---		Vehicles & Equipment	$ 660,000	$ 704,600	$ -	$ 704,600	0.0%	$ 660,000	$ 704,600	$ -	$ 704,600	0.0%	In Process	Ordered
16	EE1401		Air Condition Replacement Monitors	12,000	12,000	-	12,000	0.0%	12,000	12,000	-	12,000	0.0%		
17	EE1402		Substation Battery Replacement	24,500	24,500	-	24,500	0.0%	24,500	24,500	-	24,500	0.0%	In Process	Under Design
18	EE1403		Distribution Upgrades	61,000	61,000	-	61,000	0.0%	61,000	61,000	-	61,000	0.0%		
19	EE1404		Lighting Improvements	50,000	50,000	35,314	14,686	70.6%	50,000	50,000	35,314	14,686	70.6%	In Process	Under Construction
20	EE1405		Distribution Feeder Replacement Program	170,200	170,200	-	170,200	0.0%	170,200	170,200	-	170,200	0.0%		
21	EE1406		Distribution Capacitors & Controls	60,000	60,000	29,328	30,672	48.9%	60,000	60,000	29,328	30,672	48.9%	Complete	Complete
22	EE1407		Transmission Line Maintenance Program	75,000	75,000	-	75,000	0.0%	75,000	75,000	-	75,000	0.0%		
23	EE1408		Substation Switch Replacement	80,000	80,000	-	80,000	0.0%	80,000	80,000	-	80,000	0.0%		
24	EE1410		Air Mobility Command	-	13,500	815	12,685	6.0%	13,500	13,500	815	12,685	6.0%	In Process	New Design
25	EE1411		Bergald Lane (DAFB)	-	29,000	28,709	291	99.0%	29,000	29,000	28,709	291	99.0%	Complete	Complete
26	EE1412		Capital City Trail	-	26,500	21,448	5,052	80.9%	26,500	26,500	21,448	5,052	80.9%	Complete	Complete
27	EE1413		Lebanon 400 Feeder	20,000	20,000	-	20,000	0.0%	20,000	20,000	-	20,000	0.0%	In Process	Material Ordered
28	EE1414		New Developments	600,000	144,000	89	143,911	0.1%	144,000	144,000	89	143,911	0.1%		
29	EE1417		Bayside Drive (Persimmon Tree to White Oak Rd	42,300	42,300	38,634	3,666	91.3%	42,300	42,300	38,634	3,666	91.3%	Complete	Complete
30	EE1418		The Grande	-	28,000	10,068	17,932	36.0%	28,000	28,000	10,068	17,932	36.0%	Complete	Complete
31	EE1419		Home 2 Suites Hotel	-	37,000	-	37,000	0.0%	37,000	37,000	-	37,000	0.0%	In Process	Under Construction
32	EE1421		Richardson Circle Upgrade	91,000	91,000	-	91,000	0.0%	91,000	91,000	-	91,000	0.0%	In Process	Under Construction
33	EE1423		7-Eleven New Service	-	5,800	4,397	1,403	75.8%	5,800	5,800	4,397	1,403	75.8%	Complete	Complete
34	EE1424		McKee Run Substation Repairs	45,000	45,000	-	45,000	0.0%	45,000	45,000	19,262	25,738	42.8%	In Process	Under Construction
35	EE1425		EZ-Pass Delaware	-	12,000	9,351	2,649	77.9%	12,000	12,000	9,351	2,649	77.9%	Complete	Complete
36	EE1426		Eden Hill Entrance	-	52,400	7,861	44,539	15.0%	52,400	52,400	7,861	44,539	15.0%	In Process	Under Construction
37	EE1428		Tidewater General Green	-	34,000	9,824	24,176	28.9%	34,000	34,000	9,824	24,176	28.9%	In Process	Under Construction
38	EE1429		Clearview Meadows	-	88,000	4,108	83,892	4.7%	88,000	88,000	4,108	83,892	4.7%		Not Started
39	EE1430		Calpine Equipment Move	-	83,000	21,986	61,014	26.5%	83,000	83,000	21,986	61,014	26.5%	Complete	Complete
40	EE1431		Generals Green Lighting	-	20,500	477	20,023	2.3%	20,500	20,500	477	20,023	2.3%	In Process	Under Construction
41	EE1432		Connective @ 409 Pickering Beach Rd	-	20,200	-	20,200	0.0%	20,200	20,200	-	20,200	0.0%	In Process	Under Construction
42	EE1434		50 Wolfcreek - Dr. Patel	-	6,100	-	6,100	0.0%	6,100	6,100	-	6,100	0.0%	In Process	Under Construction
43	EG1402		Unit 3 Cooling Tower Repairs	42,000	42,000	31,575	10,425	75.2%	42,000	42,000	31,575	10,425	75.2%	In Process	Will complete Spring outage - PO for work issued
44	EG1404		McKee Run #3 Aux System Component	116,000	116,000	42,922	73,078	37.0%	116,000	116,000	42,922	73,078	37.0%	In Process	Will complete Spring outage
45	EG1405		VanSant #11 Component Replacement	32,000	32,000	30,588	1,412	95.6%	32,000	32,000	30,588	1,412	95.6%	In Process	Will complete Spring outage
46	EG1406		McKee Run Energy Pipe Replacement	80,000	80,000	660	79,340	0.8%	80,000	80,000	660	79,340	0.8%	In Process	Will complete Spring outage - PO for work issued
47	EG1407		Metering System Upgrades	25,000	25,000	-	25,000	0.0%	25,000	25,000	-	25,000	0.0%	In Process	Multi-year project - Design to be complete Spring
48	EG1408		McKee/VanSant Safety & Compliance	86,000	86,000	-	86,000	0.0%	86,000	86,000	-	86,000	0.0%	In Process	Will complete in Spring
49	EG1409		McKee Run Natural Gas Valves	65,000	65,000	-	65,000	0.0%	65,000	65,000	-	65,000	0.0%	In Process	Will complete Spring outage
50	EG1413		McKee/VanSant Preserve Structure	42,000	42,000	-	42,000	0.0%	42,000	42,000	-	42,000	0.0%	In Process	Work on hold pending additional funds needed
51	EG1415		McKee Run Units 1 & 2 component Replacement	105,000	105,000	31,173	73,827	29.7%	105,000	105,000	31,173	73,827	29.7%	In Process	Will Complete spring outage
52	EG1416		VanSant Capacity Increase	250,000	250,000	24,920	225,080	10.0%	250,000	250,000	24,920	225,080	10.0%	In Process	Multi-year project - Design to be complete Spring
53				$ 2,834,000	$ 2,878,600	$ 384,247	$ 2,494,353	0.0%	$ 2,834,000	$ 2,878,600	$ 403,509	$ 2,475,091	14.0%		
54															
55			**Grand Totals**	$ 6,516,800	$ 7,000,736	$ 2,106,549	$ 4,894,187	54.6%	$ 5,623,600	$ 5,902,100	$ 974,604	$ 4,927,496	16.5%		

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

ATTACHMENT #1
Utility Committee Meeting of 02-10-2014