



Fiscal Year 2009 - 2010

Annual Report

for the



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Executive Summary

Constellation Energy Projects and Services Group (CEPS), operator of the Nashville District Energy System (DES) is pleased to present its seventh “*Annual Report*” to the Metropolitan Government of Nashville and Davidson County, Tennessee. This report summarizes activities related to environmental, health and safety issues, customer service, marketing and sales, fuel procurement, finance and the performance of Energy Generation Facility (EGF), as well as, the Energy Distribution System (EDS), over the past twelve months.

During the fiscal year July 1, 2009 through June 30, 2010, CEPS continued to have a perfect environmental record with no excursions or violations. All verification data, reporting requirements and submittals were kept up to date and in order.

CEPS goal is to work accident free. I am proud to report that the Nashville plant personnel have accomplished this goal for the past eighteen months. With the amount of work that takes place inside and outside of the plant on a daily basis, this is quite an accomplishment.

Since the beginning of the year, Mother Nature has not been kind to the middle Tennessee area. Nashville experienced unusually cold temperatures in January and February. As a result, several water mains ruptured throughout the city. Two of these breaks, in the downtown area, caused a high level of concern when water pressure dropped at the Metro Nashville District Energy System (DES), Energy Generation Facility (EGF) for a few hours early on Saturday morning, January 9th. Luckily, water service was not totally lost. When the leaks were isolated, water pressure returned to normal. Water from the leaks did enter the Energy Distribution System (EDS) tunnels. The water was immediately pumped out by CEPS maintenance personnel. No damage to the EDS was reported.

Regretfully, the same cannot be said for the flood. On May 1st and 2nd the city was deluged with rain. Total rainfall in the area was between 13-19 inches. As the water level rose in the Cumberland River, it was apparent that it was going to leave its banks. As a safety precaution, the decision was made to stop the production of steam on the afternoon of May 2nd. The river did leave its banks later that evening, reaching as far as 4th Avenue before cresting on May 3rd (see photographs in Exhibit 2 at end of this report). CEPS personnel began a system assessment on May 4th. The manholes along 1st Avenue were full of water; as well as, the Broadway Tunnel and a portion of the 4th Avenue Tunnel. When the river receded May 5th, crews worked around the clock to pump approximately 800,000 gallons of water from the EDS Tunnels. CEPS personnel worked diligently to restore steam service to the DES Customers as soon as possible. The chilled water system continued to operate throughout this ordeal, but the steam system was off for the first week of May. Currently, repair work continues on systems damaged as a result of the flood. CEPS managers are assisting Metro representatives with insurance and FEMA recovery efforts.



Reliability for both steam and chilled water remained above 98% again this year. This is an exceptional achievement considering this number includes not only the weather related outages mentioned above, but also scheduled outages and minor upsets so short in duration they are not required to be reported.

CEPS contractual efficiency guarantees continue to be met. Efficient operations benefit everyone through utility and energy savings.

CEPS and their natural gas consultant, Fellon-McCord, continued to work closely with Metro's team regarding fuel procurement through a hedging program. As fuel prices fluctuated throughout the year so did the frequency of the conference calls. The good news is, natural gas was purchased at a price less than budgeted and prices continue to drop.

A number of DES projects were completed in the EDS again this year. Some were safety related, some were to improve customer services and several were flood related. Hopefully, contract interpretation issues have been resolved as CEPS is looking forward to working with Metro to complete other important projects in the upcoming fiscal year.

Amid all the hardships experienced in the past twelve months, I congratulate everyone on another outstanding year and look forward to continued communication, cooperation and success as we move forward.

Sincerely,

A handwritten signature in purple ink that reads "Jim Hestle". The signature is written in a cursive, flowing style.

James T. "Tim" Hestle
General Manager



Monthly Operations Report Summary

Constellation Energy Projects and Services Group, Inc. (CEPS) submits a written report to the Metro Nashville District Energy System (DES) team on or about the 10th day of each month to convey the operational activities of the prior month. The first item included in each report is the executive summary. This section gives an overview of the entire report, addresses news, events, and other business activities. The next section is Operations, which includes plant reliability and efficiency data, environmental, health & safety, accidents, personnel, and employee training. The third section of the report lists and discusses all Maintenance activities in and around the Energy Generation Facility (EGF). Items covered in this section include the building and grounds, warranty issues, preventive and predictive maintenance and construction projects. The final section of these reports is about the Energy Distribution System (EDS). Items discussed in this section are customers, sales and marketing, system maintenance and repairs, and distribution system projects.

Operations Summary

The EGF continued to furnish reliable steam and chilled water service to the DES customers over the past twelve months. We had one scheduled chilled water outage to repair a leak, but no scheduled steam outage. We did, however, have a few unscheduled outages caused by uncontrollable circumstances. With the exception of these upsets, service has been uninterrupted.

The DES customers are communicated with on a routine basis. Any issues they might have are dealt with courteously and expeditiously. All customers have been very supportive, understanding and are reported to be satisfied with the services we are providing.

The plant continues to be fully staffed with an outstanding work force. There were no reportable or lost time accidents. Training classes were routinely conducted in conjunction with the monthly Safety Meetings. Employees also received training related to plant systems and equipment.

Maintenance activities were performed as scheduled in the EGF and in the EDS. A great deal of planning and coordination go into the project work both in the plant and in the distribution system. Contractors continue to work to complete the open DES projects.

For the seventh year in a row, there were no environmental excursions or violations.

News, Events & Other Business

During July 2009, CEPS/NDE hosted their Sixth Annual Golf Outing and luncheon. This event was attended by customers, employees, contractors, vendors and friends. It boosted customer relations, employee morale and was a tremendous success.



During the month of August 2009, CEPS/NDE Managers attended a fund raiser benefitting Vanderbilt Children's Hospital. CEPS Corporate Environmental Affairs office also conducted an audit of the EGF.

In the month of September 2009, CEPS sponsored a table and attended the Nashville Downtown Partnership Annual Meeting and Awards Luncheon at the Renaissance Hotel. CEPS General Manager attended the annual meeting of the Association of Energy Engineers and Plant Supervisors attended a lunch meeting with Nashville Electric Service representatives.

The first Semi-Annual Customer meeting for the fiscal year was held in the Nashville Downtown Partnership conference room on October 15, 2009. Other activities that took place during the month included CEPS participation in the annual BOMA meeting, CEPS annual United Way Campaign and several tours of the EGF. Two groups were students from Miller-Mott Technical College and one was an executive from DuPont.

During the month of November 2009, CEPS reviewed the DES Emergency Response & Business Continuity Plan with Metro. Updates were made as appropriate. CEPS General Manager and Operations Manager participated in a Homeland Security webcast and a Chamber of Commerce fund raiser. Prior to the MNDES Advisory Board Meeting November 11th, an award ceremony was held for three former board members. Mayor Karl Dean presented certificates of appreciation to Joe Sweat, J. B. Loring and Charles Harrison. November 17th, the local chapter of the Society of Manufacturing Engineers toured the EGF.

As a follow up to the Homeland Security webcast, a CEPS Corporate Security Officer made site visit to the Nashville EGF December 16th to develop and make recommendations for a security plan. He also prepared required documents to be submitted to Homeland Security.

An annual Employee Holiday Luncheon was held December 17th. Due to the extremely cold weather and the possibility of a natural gas curtailment, CEPS purchased and received a load of Propane January 8, 2010. The Senior Vice President of Engineering from Parmenter Group toured the EGF January 20th and the scheduled Chilled Water Outage completed as planned January 23rd – 24th.

During the month of February 2010, Nashville experienced ice and snow on more than one occasion. This is unusual for the area. The second Semi-Annual Customer meeting was held in the Nashville Downtown Partnership conference room March 18, 2010. After more than 40 years of service in state and local government, Michael Bradley made the decision to retire from Metro Government. For the past six years he served as the Metro Liaison to the Nashville District Energy System.



Mayor Karl Dean honored Mr. Bradley with a Certificate of Recognition for his dedication to the city, its citizens and to district energy in Nashville. During the March operations meeting, it was announced that Bob Lackey, also with Metro Finance, had been appointed to replace Mike Bradley as the Metro Liaison to the Nashville District Energy System. Bob has been involved with this project since its inception and we look forward to our continued working relationship with him.

Constellation New Energy executives met with local CEPS employees and toured the EGF May 21, 2010.

June 4th, CEPS Managers attended the National Boiler Service Annual Meeting in Flat Rock, Alabama. During the month of June tours were conducted for Piedmont Gas representatives and Macomb Group representatives.

As usual, teleconferences were held on Friday mornings to discuss Natural Gas purchases and Monthly CEPS/DES operations meetings were held on the third Wednesday of each month. The Metro DES Advisory Board met quarterly on the third Thursday of August, November, February and May in the EGF conference room. Two DES E-newsletters were published, one in the fall and another in the spring.

Plant Performance

Facility Operations

Plant Reliability

The EGF continued to provide reliable service to the DES customers. The following items describe minor incidents, short in duration, when the EGF experienced an excursion outside parameters of the performance guarantees. With the exception of uncontrollable circumstances and/or two allowable twelve-hour outages per year, the guarantees are to maintain 150 psig of export steam pressure leaving the EGF and to deliver 43.3 degree chilled water to each customer.

- On July 22nd, #1 Boiler tripped which caused the steam pressure to drop to 138 psi. Another boiler was immediately started and the pressure returned to normal within a few minutes. The cause of the trip was determined to be a loose wire on the low water cut out switch. It was repaired when found.
- On July 18th, the motor on #1 Condenser Water Pump failed. This caused the temperature on the chilled water supply to rise above 43.5°F for 24 minutes. This 350 hp motor has been removed and sent out for repairs.
- There was another spike on July 30th, which also lasted for approximately 24 minutes. This occurred early in the morning while starting a condenser water pump and two chillers.
- There were no reportable incidents From August through December 2009.
- On Saturday, January 9, 2010 here were several water main breaks that caused water pressure at the plant to drop to approximately 20 psi. The system steam pressure was reduced to accommodate this situation. This lasted from 5:27 a.m. until 7:57 a.m. Metro Water Services was able to isolate the damaged sections of piping and water pressure returned to normal as did plant operation.
- A scheduled Chilled Water System Outage that began on January 23, 2010 at 1:00 a.m. to repair leaks on piping in Manhole M. The repairs were made and the chillers were restarted at approximately 10:00 p.m. The system was back to normal operating temperature at 12:04 a.m. on January 24, 2010.
- February 14, 2010, #3 Boiler tripped at approximately 7:27 a.m. and was below 150 psi for 30 minutes while the operators restarted and brought back on line. It was determined later that the trip was caused by the feed water regulating valve not responding properly.

- February 24, 2010, #3 Boiler tripped due to the feed water regulating valve not responding properly. CEPS I&E personnel found the valve was only stroking approximately ½” instead of the normal 1 ¼”. The boiler was taken off line and this valve was cleaned, stroked and reset.
- February 26, 2010. CEPS I&E personnel were monitoring the operation of the feed water inlet valve and inadvertently lowered the air pressure to the valve too much. This caused #3 Boiler to trip. Operations personnel immediately restarted the Boiler and the boiler was below 150 psi for approximately 30 minutes.
- March 24th, at 12:02 a.m., #3 Boiler Feed Water Pump tripped off line, which in turn caused #2 Boiler to shut down due to a low water level. Another pump was immediately started and the boiler was placed back in service. The steam system pressure dropped to 142 psi before returning to 152 psi 45 minutes later. The cause of the pump failure was not determined.
- During the process of putting a second boiler on line, the system steam pressure dropped to 143 psi at 7:12 a.m. on March 24th.
- On April 23rd, #2 Boiler tripped at approximately 3:17 p.m. Operations personnel attempted to restart the boiler, but it would not stay on line. Operators brought another boiler on line. I & E personnel investigated the problem and found the flame scanner had failed. The steam system dropped to 110 psi at 3:57 p.m. and slowly returned to 152 psi by 4:42 p.m.
- The steam system was down from the afternoon of May 2, 2010 until the morning of May 8, 2010 due to the flood. Additionally, there was a repair made to the steam line anchor at Manhole L on May 26, 2010 that resulted in the steam system being down approximately 23 hours.
- The chilled water make-up had a substantial increase on May 5th and 6th. Dye was introduced in to the chilled water distribution piping in an attempt to locate the leak. It was discovered that a chilled water line ruptured in the basement of the Schermerhorn Symphony Hall. The leak was isolated and make-up returned to normal.
- The dye also revealed another minor chilled water leak on the east side of the Woodland Street Bridge. A drain valve was found to be cracked on the service line to LP Field. This valve was replaced May 17th.

- There were two spikes on the chilled water supply temperature during the month of June. The first one was on June 16, 2010 when an additional chiller was being placed on line. The second occurred June 17, 2010, during an electrical storm that tripped the VFD's on the chilled water pumps. This caused all of the chillers to stop due to no chilled water flow. The chillers were restarted and the system returned to normal. Neither of these instances constitute a reportable event since they were less than 30 minutes in duration.

CEPS is not required to report any upset that lasts less than thirty minutes. The following availability percentages include every minute the plant was outside the contractual service delivery parameters; not necessarily down. Reliability does not include the scheduled outages allowed per the ARMA.

	Downtime		Availability	Reliability
	Scheduled	Unscheduled		
Boilers	0 minutes	9640 minutes	98.16%	98.16%
Chillers	1384 minutes	72 minutes	99.72%	99.99%

Plant Efficiency

After the annual boiler inspections were completed at the end of July 2009, the decision was made to place two boilers in wet lay-up, one in stand-by, and to isolate one de-aerator tank due to the reduced steam demand during the summer months. One boiler and one de-aerator were left on line. This equipment is rotated monthly. This is done to increase steam efficiency during the cooling season. Stand-by boilers are taken out of wet lay-up and the second DA Tank was put back in service during the month of November in preparation for the heating season.

Constellation submitted the Metro DES annual reconciliation for Fiscal Year 2009 - 2010 on September 17, 2010. The annual reconciliation for this time period, consisted primarily of a true-up on Constellation's fuel efficiency adjustment (FEA) based on Constellation's efficiency guarantees as set forth in Section 13.01(d) of the ARMA between Metro and Constellation. For reference, the annual reconciliation is included in Appendix 4 of this report.

Constellation's efficiency guarantees consist of five key conversion rates:

1. Electric-to-Steam (kWh per klb-sold)
2. Fuel-to-Steam (Dekatherm per klb-send-out)
3. Water-to-Steam (gallons)
4. Electric-to-Chilled Water (kWh per ton-hr-sold)
5. Water-to-Chilled Water (gallon per ton-hr-sold)

The table below is a record of the efficiency guarantees from July 1, 2009 through June 30, 2010:

	Units of Measure	Contractual Guarantee	FEA Rate	Actual Rate
1. Electricity-to-Steam	kWh per klb	6.000	6.000	3.323
2. Fuel-to-Steam	Dth per klb	1.729	1.624	1.418
3. Water-to-Steam	Gallons	20,333,143	20,333,143	19,460,882
4. Electricity-to-Chilled Water	kWh per ton-hr	1.055	1.055	0.845
5. Water-to-Chilled Water	Gallons per ton-hr	5.250	5.250	1.755

Environmental, Health and Safety

Environmental

There have been no environmental violations since the plant began operations on December 16, 2003.

Per the facility's storm water pollution prevention plan, samples are collected, inspections are conducted and a report is generated quarterly. Refresher training is also conducted annually.

CEPS Corporate Environmental Affairs Department had a third party, AECOM, Inc., conduct an Environmental Audit of the EGF on August 12-13, 2009. An Audit Opinion of 1 is a perfect score. An Audit Opinion of 2 was rendered for the MNDES facility based on the audit team's review of the site's environmental programs, practices and one insignificant compliance finding. The deficiency identified during the course of this audit was immediately remedied. This opinion means the facility substantially meets all internal and external environmental requirements with a high degree of compliance.

As a consequence of the flood, Metro requested CEPS engage a third party to perform an environmental audit of the EDS tunnel system. Griggs and Maloney, Inc. made a site visit, collected samples and performed testing. Results of the study indicate Mold to be in the "low to very low" category. Coliform Bacteria; however, was in the "to numerous to count" category. The exposure conditions can be mediated by avoiding direct contact with potentially infectious materials (wear gloves) and practicing reasonable hygiene (washing hands and clothing upon exiting tunnels).

Regulatory Compliance

Required reporting activities were submitted as follows:

- The Semi-annual Monitoring Report and Title V Annual Emissions Compliance Certifications were completed and submitted prior to January 30, 2010. The annual compliance certification consists of a detailed account of the compliance status for each permit condition.
- The Air Emissions Inventory Report for Calendar Year 2009 was submitted to the Metro Health Department, Pollution Control Division along with payment for the annual emission fees.
- The Tier II, Emergency and Hazardous Chemical Inventory Report was submitted to the Nashville Fire Department, Tennessee Emergency Response Council and the Davidson County Office of Emergency Management as required.

- The new Greenhouse Gas Monitoring Plan was developed prior to March 31, 2010, as required by Title 40 CFR Code 98 of the U. S. Environmental Protection Agency.

Health

Plant personnel continue to conduct themselves in a safe manner. There were no accidents, illnesses or injuries to report for the past twelve months. In April, an Automated External Defibrillator (AED) was furnished by CEPS Security and installed in the EGF. All Nashville employees were trained in its use.

Safety

Monthly safety meetings were coordinated and scheduled by the CEPS Operations Manager/Safety Officer. Training classes are conducted in conjunction with each safety meeting. Safety and accident reports are issued and posted each month.

The refrigerant alarm, escape devices and gas monitors are checked weekly. Preventative maintenance and calibrations are performed monthly on the portable gas monitors used in the EDS. Fire extinguishers are also checked monthly.

Due to changes in the OSHA standards regarding the electrical code and arc flash hazards, our “hot stick” and “High Voltage Glove Kits” were sent out for inspection and re-certification.

A Corporate Safety Audit was conducted April 14th. There were 16 (level 3) minor EHS Findings and 7 (level 4) Best Management Practice recommendations. The plant is working diligently to correct these deficiencies.

Accident Report
7/1/2010

FY 2009

FY 2010

	Total <u>Accidents</u>	OSHA <u>Reportable</u>	Lost Time <u>Accidents</u>	Total Lost <u>Days</u>	Total <u>Accidents</u>	OSHA <u>Reportable</u>	Lost Time <u>Accidents</u>	Total Lost <u>Days</u>
January	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0				
August	0	0	0	0				
September	0	0	0	0				
October	0	0	0	0				
November	0	0	0	0				
December	0	0	0	0				
Total	0	0	0	0	0	0	0	0

System Assessment and Status

Personnel

The plant continues to be fully staffed with an outstanding work force.

Training

In order to maintain and operate the facility safely, reliably and efficiently a significant amount of employee training is required. The following demonstrates some of the training that was conducted throughout the year:

- One of our Instrumentation & Controls Technicians attended Siemens training in Atlanta, September 15th – 18th.
- All CEPS/NDE employees completed two on-line, corporate training courses; Security Awareness & Environmental Awareness Orientation in November
- The Operations Manager and a Maintenance Technician attended a Pump Seminar on December 2, 2009. This seminar was sponsored by James M. Pleasants Company and was held at the Music City Sheraton.
- CEPS Instrumentation & Electrical (I&E) Personnel attended a Yokogawa webinar on “*Aqueous Conductivity Measurement*” on January 28, 2010.
- All I & E Personnel participated in a web based training seminar provided by Fluke.
 - February 3rd – “*Principles and Practical Tips for Tech’s*”
 - February 4th – “*Gas Flow Calibration Fundamentals*”
- CEPS Instrumentation and Electrical (I&E) personnel participated in an “Electric Motor Testing” webinar presented by Yokogawa on March 11th.
- Two CEPS Mechanics completed a 10 week “HVAC Training Course” held at the Trane Facility on Grassmere Park Drive. This series of classes was held every Tuesday evening from 6:00 to 8:30 p.m.
- March 25th - CEPS General Manager completed a pilot training class on a new corporate “*Environmental Management System*”
- March 26th – Managers and office personnel received training on “*Records Retention*” from CEPS legal department

- Four CEPS/NDE employees were trained as Building Wardens in association with the Business Continuity program. All other employees received Emergency Preparedness training.
- CEPS/NDE General Manager and Operations Manager attended the IDEA Conference in Indianapolis, Indiana June 13-15, 2010.
- CEPS/NDE General Manager and Finance Manager attended an ATMOS Energy Natural Gas Workshop on June 23-24, 2010.

Our training program is on-going year after year. Training classes are also conducted in conjunction with our monthly safety meetings. These included:

- Annual Fire Extinguisher Training (conducted by the Metro Fire Department)
- Hazardous Communications & Blood borne Pathogens
- AED, Adult First Aid and Adult CPR Training and Annual Certification (conducted by the American Red Cross)
- Confined Space Entry
- Storm Water Pollution Prevention Plan Annual Certification (conducted by the RMT Environmental Consultants)
- Slips, Trips, & Falls
- Lock Out/Tag Out
- Emergency Preparedness, Recovery and Contingency
- Workplace Violence, Harassment and Safety
- Heat Stress
- MSDS & Chemical Safety
- Personal Protective Equipment – Eye Safety, Hearing Protection, etc.

All classes, unless otherwise specified, were conducted by Hazmat Training, our safety consultant.

Customer Service

Outstanding customer service and support to the existing DES customers is on-going. As part of our customer service program, CEPS routinely communicates with the customers each month through phone calls, e-mails or visits. When customers have heating or cooling issues inside their buildings, we assist them in trouble-shooting their problems. When a service interruption is required, whether it is project related or emergency, these activities are coordinated closely with the customers in an attempt to have the least impact possible.

Customers are also invited to semi-annual meetings, held at the Downtown Partnership conference room, to discuss the state of the EDS, upcoming projects, fuel costs and any other issues they may have. These meetings were held on October 15, 2009 and March 18, 2010. Customers are also routinely invited to participate in the CEPS/NDE Annual Golf Tournament, attend Titans football games or meet for breakfast or lunch. These relationships further the positive reinforcement of the DES in the community and promote existing building owners to assist us in our sales efforts.

CEPS Customer Service Representative reviews each customers meter readings monthly. For those who do not meet their contractual chilled water return temperature requirements, a Thermal-Inefficiency-Fuel-Surcharge (TIFS) penalty is assessed. TIFS are added directly to customer invoices.

When a customer habitually exceeds their contractual demand capacity, the meter data is sent to the DES Contract Administrator for review and evaluation. If a capacity adjustment is deemed appropriate, CEPS assists by setting up a meeting with the customer. During these meetings an explanation of the adjustment is discussed. The reason for the excursion is investigated and suggestions are made to keep it from reoccurring.

All MNDES customers have been extremely supportive and understanding under the circumstances experienced regarding the flood and flood recovery activities.

Facility and Equipment Maintenance

The EGF has operated reliably and efficiently for the past year. During the course of normal operation, preventative, predictive and routine maintenance items must be scheduled and completed. During the summer months the lawn is mowed weekly and landscaping is manicured routinely. The building and grounds are policed and the lighting is maintained year round.

Preventive and Predictive Maintenance

The following items were accomplished to increase equipment life, reliability, efficiency and safety: CEPS personnel perform daily equipment inspections, check bearing temperatures, oil levels, belt tensions, etc. In addition, preventative maintenance is performed on the following equipment monthly: HVAC units, cooling towers cell, condenser water pumps, chilled water pumps, boiler feed water pumps, condensate pumps, motors, instrument air compressors and driers. The roof surface is inspected and cleaned. The propane system is also test fired and leak checked monthly.

Annual pressure vessel inspections are scheduled to be completed during the cooling season. The inspections are conducted by Arise Incorporated. They are State Certified Boiler Inspectors, working as a subcontractor to our insurance carrier. These inspections are required in order to renew our operating permits. Boiler inspections consist of a visual examination of the mud drum, steam drum, economizer, tubes and fire box. #1 and #3 boilers and #2 de-aerator tanks were inspected in June. All inspected units, thus far, have received a passing grade and their respective permits were renewed. #2 and #4 boilers are scheduled to be inspected in July. Inspections were witnessed by our chemical vendor's representative and plant personnel. When units are off line for inspection, preventative maintenance is performed on the forced draft fans, low water cut out switches and other associated equipment.

Annual chiller inspections, although not required, are scheduled and executed during the heating season as a good maintenance practice. These inspections include opening the condensers and cleaning the tubes, performing vibration analysis and taking oil sample analysis on each chiller. Eddy Current testing was conducted on Chillers 7, 8 and 9. Controls and purge units are also checked for proper operation.

As part of the Preventive and Predictive maintenance program CEPS had a contractor take alignment and vibration readings on all pumps, fans and motors. These readings are compared to the previous year's readings. All readings were within the normal range with the exception of #4 and #5 Condenser Water Pumps. They both showed an increase in rotor vibration, barely in the alert range. In addition to the vibration readings, the contractor also performed infrared testing on all the electrical switchgear.

The high-voltage switch gear preventive maintenance was scheduled and executed during the fall. Inspections and testing included: transformers, vacuum breakers, relays, load break switches, infrared inspections and oil sample analysis.

Repairs and Replacements

From time to time emergency repairs and replacements must be made. The following are examples of the routine maintenance and emergency repairs that have been performed in the EGF in FY 09-10:

July 2009

- Cleaned Nozzles in #1 Deaerator
- Repaired grease lines on #8 and #17 Cooling Towers
- Replaced inlet valve on #4 Boiler Steam Blanket line
- Sent #1 Condenser Water Pump Motor out for repairs
- Repaired steam trap on #1 Chiller
- Repaired BL 1544 Chemical Pump

August 2009

- Repaired leak on CL 49 Chemical Line
- Repaired 2" Backflow Preventer on domestic water line
- Replaced Union on # 1 Boiler steam stop trap line
- Installed Rebuilt #1 Condenser Water Pump Motor
- Repaired grease line to #5 Cooling Tower
- Repaired trap on #3 Boiler

September 2009

- Repaired two roof leaks
- Replaced cooling fan on #5 BFWP motor
- Replaced bottom valve and sight glass on Condensate Tank
- Replaced valve and reducer on condenser water make up line
- Began replacing cooling tower fan breakers (supplied by under warranty)

October 2009

- Replaced the refrigerant temperature sensor on Chiller 1B
- Repaired piping leak on CL 215 chemical line
- Replaced outboard bearing and seals on #3 BFWP
- Replaced cooling fan on #5 Condensate Pump Motor
- Replaced Softener sample valve
- Replaced gaskets on #3 Boiler feed water inlet valve
- Painted all condensate pump motors
- Winterized plant sprinkler system

November 2009

- Replaced sightglass on flash tank
- Repaired piping leak on water softener sample line
- Re-insulate 3" gate valve on #1 DA
- Repaired leak on #2 Boiler water column

- Replaced belt on #4 AHU
- Install level transmitter “A” on cooling towers
- Check all basin heaters, thermostats and heat trace on cooling towers and piping
- Replaced filters on refrigerant alarm system
- Replaced #1 Softener flow meter
- Calibrate O₂ Analyzer on # 4 Boiler

December 2009

- Recalibrated #1 Boiler O₂ Sensor
- Drained and cleaned Cooling Towers #1 through #6 and #9 for winter season.
- Repair leak on #1 Air Curtain
- Repair Entrance door latch and striker plates
- Pull wire for new security intercom system at main entry door
- Replace pressure regulator on #15 Cooling Tower inlet valve

January 2010

- Repaired regulator on Service Air Compressor
- Replaced CL 709 Chemical line with new tubing
- Repaired leak on Condenser water makeup line
- Replaced packing on #3 BFWP
- Replaced oil seals and bearings on #1 BFWP

February 2010

- Replaced gaskets on #4 Boiler Feed Water Regulating Valve
- Replaced cooling tower level transmitter “C”
- Replaced Chilled Water Temperature sensor on #2 & #5 Chiller
- Replaced suction temperature sensor on # 2B #6A Chiller purge units

March 2010

- Rebuilt sight glass on # 3 Boiler
- Installed Isolation Valves for Condenser Water Differential Pressure (DP) switches on Chillers 1, 3, 5, 7, 8 & 9
- Rebuilt #3 Boiler Mud Drum Blow down Valve
- Repaired leak on BL 1770 and CT 709 Chemical Pumps
- Installed Feed Water Regulating Valve on #3 Boiler after factory repairs were made

April 2010

- Replaced both bearings on #2 Cooling Tower fan shaft
- Removed #4 Condenser Water Pump Motor and sent out for repairs
- Repaired steam trap on #1 Air Curtain
- Repaired leak on CL 4855 Chemical line
- Repaired BL 1544 Chemical Pump
- Repaired #1 Boiler Mud Drum Blowdown Valve

- Repaired Irrigation System
- Painted Handrails on Control Room Level

May 2010

- Replaced pressure gauge on BL 1544 Chemical Pump
- Repaired refrigerant leaks on #9A Chiller
- Transfer refrigerant to # 9A Chiller following repairs
- Removed #1 and #3 Boiler Safety Valves and sent out for testing
- Re-installed Boiler Safety Valves following testing
- Replaced relay and sensor switch on Refrigerant Recovery Machine
- Repaired #1 Boiler Mud Drum Blowdown Valve
- Isolated Irrigation System due to city water curtailment mandate following the flood

June 2010

- Replaced bearings and oil seals on #1 BFWP
- Installed re-wound motor on #4 CWP. Motor failure was the result of run time fatigue and insulation break down
- Repaired fuel line on tow motor
- Installed Emergency Shower on mezzanine level near chemical tanks
- Secured Drill Press and Bench Grinder to floor in maintenance shop
- Installed new air compressor and platform for fire suppression system
- Restored Irrigation System to service (was isolated following water curtailment after flood)
- Replaced vibration switch on #16 Cooling Tower
- Had floors waxed and carpets shampooed in EGF
- Painted Control Room

Modifications and Improvements

CEPS Maintenance personnel installed a new *eyewash and shower station* on the mezzanine area near the roll up door on the east side of the EGF. This is required by OSHA when large quantities of chemicals are stored nearby. The boiler and chilled water chemicals are located in this area.



Eyewash and Shower Station



Eyewash and Shower Station

CEPS Instrument and Electrical personnel installed *new fluorescent lighting* above #4 Motor Control Center (MCC 4). This was requested by CEPS Safety Manager following a tour of the facility.



Lighting at MCC 4



Lighting at MCC 4

CEPS Maintenance personnel installed *isolation ball valves for the differential pressure switches* on all 9 Chillers. These were installed on the chilled water and condenser lines. These ball valves assist the I&E Technician when performing scheduled maintenance activities.

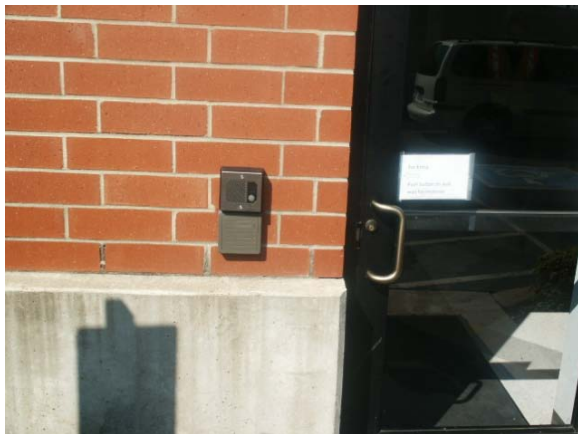


Differential Pressure Switch Isolation Valve (condenser)



Differential Pressure Switch Isolation Valve (evaporator)

CEPS Security Team toured the facility and recommended a *call box* be added to the plant access system and connected to the Control Room telephone. This will enable us to have better control over employees, vendors, delivery drivers, etc. access into the plant and will assist in accounting for all parties on site in the event of a plant emergency or evacuation.



Plant Access Control Call Box



Plant Access Control Call Box

CEPS Maintenance and I&E personnel relocated and upgraded the failed oil-less *air compressor* designated for use on the Plant Fire suppression system. The air compressor was raised up approximately 30 inches to improve ease of maintenance.



Plant Fire System Air Compressor



Plant Fire System Air Compressor

At the request of MNDES representatives, the Administrative Server is now backed up on a daily basis to an online repository provided by Mozy Pro. Mozy is a subsidiary of EMC Company, a global data storage vendor to Fortune 500 corporations. The total data size of this *off site backup* is approximately 20GB and the incremental data changes are sent to the data store daily without affecting the server processing power and capabilities.

Energy Distribution System

Preventive and Predictive Maintenance

All the direct buried portions of the EDS are checked monthly by means of thermographic imaging. When a hot spot or cool spot is detected, it indicates a possible leak in our piping. Depending on the severity of the thermal temperature variance from the surrounding area, a determination is made whether to dig up the affected area.

CEPS maintenance personnel perform monthly inspections of EDS tunnels, as well as, the State steam tunnel and the A.A. Birch building tunnel. Monthly manhole inspections are also conducted. The condition of the structures, piping, supports, insulation, seals, lighting and ventilation is documented. Any deficiencies noted are prioritized and scheduled for repair accordingly.

CEPS has been very diligent in monitoring condensate return quality. When unacceptable levels of iron and hardness contamination are discovered, the condensate return is placed to drain either in the customers building or in the EDS tunnel. This water is not suitable for use in the boilers. Since CEPS has limited control over what the MNDES customers return, alternative remedies are being explored for this problem.

When the customer meter readings are taken for the preceding month, the readings are reviewed. If they vary 30% high or low, from the three year average, Instrumentation personnel check the questionable metering devices for calibration as required in the customer buildings.

The sump pump alarms at the A.A. Birch Building, CJC and Manhole 18 are tested periodically for proper operation.

Routine Maintenance and Emergency Repairs

When steam leaks occur in the EDS, CEPS will often times hire an on-line repair contractor to facilitate these repairs without interrupting service to the customers. Several expansion joints, valves and flanges were repaired throughout the system during the past year using this technique. Many of these jobs require off duty policemen to perform traffic control.

The following are examples of the routine maintenance and emergency repairs that have been performed on the EDS in FY 09-10. Some of these repairs can be made without disrupting service to the customers while others require sections of the system or the entire system to be shut down:

August 2009

- Two Steam Traps were replaced on the State Steam Loop in the basement of the Andrew Jackson Building.
- One - 4 inch, 150 #, Gate Valve was replaced on the steam service line to the Rachel Jackson Building.

September 2009

- A new access ladders were installed in Manhole 6A and Manhole K
- Repaired Steam leak on steam trap line in Manhole B2 and also replaced a flange gasket on the 8" 300# steam valve.
- Assisted contractor remove debris left in Manhole 11 during Deaderick Street Renovation Project.

October 2009

- Repaired leak on steam trap in Manhole M and at station B-83 in the EDS Tunnel
- Installed air bleeder system on condensate pumps at Manhole 18.
- Installed plywood over air intake at 5th and Broadway to winterize the EDS Tunnel.
- Replaced repeater on tunnel communication system October 9th.

November 2009

- Colt Atlantic performed on-line leak repair of the Steam Isolation valve at the James K Polk Building and Steam Valve in MH-S5.

December 2009

- CEPS Maintenance and I&E personnel manually cleaned out the groundwater sump at Manhole 18 in the EDS Tunnel
- The steam pressure transmitter was replaced in the A. A. Birch Building.
- The low pressure steam transmitter and pressure gauge was replaced in the State Library and Archives Building.
- The steam pressure gauge was replaced in the Wildhorse Saloon.

January 2010

- CEPS personnel isolated the steam line in Manhole S4A on January 5, 2010 to determine the reason for excessive amounts of steam coming out of the vault. It was discovered that a steam trap had failed due to a hole in the body of the mechanism. The steam trap was isolated and is scheduled to be replaced in February.
- CEPS personnel restored steam service to the 401 Union Building on January 7, 2010 following a request from Metro General Services. Service was isolated the following day due to numerous leaks inside the customer's building.

- CEPS personnel replaced a 2” Condensate meter that was leaking at the Schermerhorn Symphony with a 2” spool piece of pipe on January 12, 2010. The meter was used when condensate was dumped into the city sewer system. Due to the installation of the new condensate return line, there was not a need to replace this meter.
- CEPS maintenance personnel were called in on January 9, 2010 due to a loss of water pressure and high sump pump alarms in the EDS Tunnel. The cause was a burst water main on Broadway and another on 2nd Avenue North. Metro Water Services personnel were able to isolate the failed pipe sections to restore pressure to the plant; however, water from the leaks filled up the lower end of the Broadway EDS Tunnel causing the high alarms to activate. CEPS personnel confirmed that the sump pumps were still working and monitored the water level until it returned to normal. Additionally, they pumped out Manhole 18A which had filled up due to the large amount of water at the intersection of Broadway and 1st Avenue North.
- There were several intermittent problems with the Tunnel Sump Pump controls in the days following that were related to the high level of water. CEPS personnel replaced relay bases, alternating relays and one float assembly.
- The scheduled Chilled Water Outage took place January 23rd and 24th so that leaks in Manhole M could be repaired prior to the cooling season.
- CEPS personnel isolated the steam to the James K. Polk Building on January 26, 2010 to replace a failed steam trap. CEPS CSR asked TEG to review the existing piping arrangement and suggested a modification that would include the installation of a drip leg.
- C. K. Masonry replaced two manhole castings and covers this month due to excessive wear. The large manhole ring at Manhole 1 was replaced on January 22, 2010 and the west manhole ring at Manhole U which was replaced on January 25, 2010.

February 2010

- CEPS personnel installed a steam trap and associated piping in Manhole S4A on February 13, 2010. The steam and condensate return was restored following this work.
- CEPS I & E personnel replaced a passive splitter on the Tunnel Communication System. This work was completed on February 19, 2010.
- CEPS personnel conducted a thorough clean up of the EDS Tunnel on February 16-17, 2010.
- During the monthly tunnel inspection, a condensate leak was discovered in the 4th Avenue Tunnel near the entrance of the AT&T Parking Garage. The pipe insulation was removed and it was determined approximately 20 feet of 6 inch schedule 80 pipe should be replaced. CEPS personnel isolated and drained the condensate in this section of the tunnel. NMC cut out and removed the leaking section of pipe, installed a replacement and had the new piece reinsulated. This

work took place February 15th – 18th. CEPS personnel re-energized this section of the condensate system on February 19, 2010. This work was completed as an emergency repair.

March 2010

- The condensate was placed to drain for several days during the month due to hardness contamination. CEPS personnel pulled numerous samples to determine the source of this contamination. The Renaissance Hotel was found to have a heat exchanger leak which allowed city water from the building side to mix with the condensate. This unit was isolated and the condensate returned to the plant.

April 2010

- The condensate was placed to drain for several days during the month due to hardness contamination. CEPS personnel pulled numerous samples to determine the source of this contamination. The Hermitage Hotel, Legislative Plaza, Citizen's Plaza were found to have a heat exchanger issues which allowed city water from the building side to mix with the condensate. These units were isolated and the condensate returned to the plant.
- CEPS Maintenance Personnel replaced both condensate pump motors in the State Tunnel on April 1, 2010.
- CEPS Maintenance Personnel isolated the steam to the James K. Polk Building on April 3, 2010 to allow John E. Green to install a new dripleg on the steam line and a new steam trap station. Steam was restored later that day.
- CEPS Maintenance Personnel repaired steam leaks on the service line to the Nashville Public Library on April 21, 2010.
- C. K. Masonry removed Manhole Frames and Lids at Manhole B-2 and plated same on April 30, 2010 due to street paving set to begin May 2, 2010.

May 2010

Flood Related Items

- CEPS personnel made a preliminary tunnel inspection May 3rd. Tunnel lighting only worked on fixtures that had not been under water and fed from west of 4th Avenue. As a safety precaution, NES shutdown electrical power in the downtown area from 1st through 4th Avenue's. An assessment of the system was conducted on May 4th. Equipment needed to remove the water from the tunnel and manhole's was rented and replacement parts and materials to restore the tunnel fans, sump pumps and electrical service was ordered.
- The river level dropped enough on May 5th that the removal of water from the EDS Tunnels could begin at approximately 12:30 p.m. Work continued around the clock until the water was evacuated. At approximately 7:00 a.m. May 7th, CEPS I & E personnel immediately began rebuilding the control panel for the tunnel sump pumps. This work was completed at approximately 1:00 p.m. CEPS maintenance personnel removed the water from the manholes along 1st Avenue and steam service restoration began at 8:00 p.m. Due to the length of time the steam system

was out of service and the amount of water contained in the insulation it took approximately 12 hours to bring the system up to 30 psi. The system remained between 30 and 100 psi until the afternoon of May 9th. This allowed heat from the steam line to dry out the insulation and to “boil off” the water in the surrounding steam casing.

- CEPS personnel continued to make electrical repairs. These include:
 - Tunnel ventilation fans, sump pumps and controls
 - Condensate pumps, motors, starters, etc. in the Manhole 18 vault
 - Tunnel lighting circuits
 - Tunnel communication system
- The condensate was placed to drain for the majority of the month due to the flood damage. The three condensate pump motors, as well as, two impellers and all mechanical seals were replaced. The pump breakers, starters, heaters and controls were all replaced as well as tank level indicators. The condensate was tested and returned to the plant on June 2, 2010.

Emergency Steam Outage

- While inspecting manholes, it was discovered that an 18” expansion joint in Manhole L had seized up. Since this is one of the manholes that was under water during the flood, we concluded the flood water contributed to, if not caused, the failure. Stress on the pipe from the malfunctioning expansion joint caused the anchor plate in Manhole L to tear. Due to safety concerns, the steam system was shut down at 11:00 p.m. May 25th. Nashville Machine was called in to re-align the expansion joint and to make emergency repairs to the anchor as designed by TEG’s Structural Engineer. These repairs were completed at 6:00 p.m. May 26th and the steam system was put back in service. CEPS and TEG agreed to maintain system pressure at no more than 125 psi until further examination of the system could take place.

Other Maintenance Items

- CEPS Maintenance Personnel restored steam service to all customers on the State Loop on May 10, 2010.
- CEPS Maintenance Personnel replaced a low point drain valve on the chilled water service line to LP Field on May 17, 2010.
- CEPS Maintenance Personnel restored chilled water service to the Municipal Auditorium on May 11, 2010 following repairs inside their building due to the flood.
- C. K. Masonry re-installed Manhole Frames and Lids at Manhole B-2 on May 11, 2010 in order to allow CEPS personnel to remove water from manhole. (The paving work has been rescheduled for a later date due to the flood)

June 2009

- CEPS maintenance personnel repaired a leak on a steam valve in Manhole 13
- Repaired steam traps at Stations B-19 and B-83 in the Broadway EDS Tunnel.
- The James K. Polk Building steam transmitter piping was replaced.

DES Projects

The following section details projects performed to improve the reliability of the Energy Distribution System (EDS). The Metro Liaison, Contract Administrator, CEPS, Thermal Engineering Group (TEG) and several local contractors worked together to complete the following:

DES-033 Manhole Lid and Ring Replacement

This is an open ended project. From time to time it becomes necessary to replace manhole rings and lids, either due to normal wear or Metro Public Works street paving projects. The castings are manufactured in Nashville by John Bouchard & Sons and CEPS usually contracts with C.K. Masonry to do the installations.

DES-044 Manhole 5 to 9 Condensate Line Replacement

This project was carried over from the FY08-09. A project walk through conducted July 15, 2009, revealed items from the punch list that were either not completed or improperly completed. CEPS advised USE of the items requiring remedial action. A final walkthrough was conducted on August 21, 2009 and all items were completed and project closed out on August 31, 2009.



Manhole 5 to 9 Condensate Line Replacement



Manhole 5 to 9 Condensate Line Replacement

DES-044.1 Manhole 9 Expansion and Modifications

The project to expand this manhole and install a sump pump began on January 7, 2009. This project was carried over from the FY08-09. A project walk through conducted July 15, 2009, revealed items from the punch list that were either not completed or improperly completed. CEPS advised USE of the items requiring remedial action. A final walkthrough was conducted on August 21, 2009, all items were completed and the project was closed out on August 31, 2009.



Manhole 9 Expansion



Manhole 9 Expansion

DES-046 Ryman Auditorium Condensate Line Replacement

Substantial completion of this project was attained on May 25, 2009. All punchlist items were completed in July 2009. The project was closed out and an invoice was issued in August 2009.



Ryman Auditorium Condensate Piping



Ryman Auditorium Condensate Piping

DES-051 4th Avenue Condensate Expansion Joint Replacement

John E. Green was awarded the contract to replace the condensate expansion joint on July 15, 2009. Following approval of submittals and fabrication of sparge tube, removal of old piping and expansion joint began on July 28, 2009. There was approximately 12 feet of new pipe, a new expansion joint and new steam trap assembly installed along with new insulation and insulating blankets for the expansion joint and sparge tube flange. The insulating blankets were installed on September 10, 2009 and a final walkthrough was conducted and revealed no punchlist items. This project was closed out and a payment request issued September 30, 2010.



4th Avenue Condensate Expansion Joint



4th Avenue Condensate Expansion Joint

DES-060 EDS Tunnel and Manhole Insulation Repairs

The following are insulation projects in the EDS completed during FY09-10.

DES-060(1) Manhole 5 Structural Steel Insulation

Following the completion of DES-044 the Manhole 5 to 9 Condensate Line Replacement project, a determination was made that the structural steel should be insulated due to excessive heat radiating from the steel. Warren Insulation performed this work the week of October 5, 2009. A walkthrough was conducted on October 13, 2009 and all punchlist items were completed by October 31, 2009.



Manhole 5 Structural Steel Insulation

DES-060(2) Manholes 1, 2, and 3 Insulation Replacement

A pre-bid meeting was held on October 13, 2009. Manhole inspections were completed with the prospective bidders following this meeting. Bids were due October 22, 2009. After review, Warren Insulation was selected as the successful bidder. Warren Insulation began work in Manhole 1 on November 11, 2009. Warren Insulation completed this work on December 17th. There is a walkthrough was held on January 12, 2010 and all punchlist items were completed by February 18, 2010 and Metro was issued a pay request.



Manhole 1 Insulation



Manhole 1 Insulation

DES-060(3) Manhole B2 Insulation

Pipe and valve insulation was damaged in this manhole as the result of a steam leak. Warren Insulation began repairs on April 26, 2010 and worked through April 29, 2010. Metro Public Works requested that the manhole frames and lids be removed and plated for street milling and paving to begin. Due to the flood, street paving has been delayed until further notice. The manhole frames and lids were re-installed to allow CEPS access to remove water from the manhole. Some of the new insulation was damaged by the infiltration of water from the flood and will have to be replaced. This work is expected to be completed in August 2010.

DES-061 EDS Manhole Structural Steel Repairs and Corrosion Prevention

This project is to replace or repair structural steel that has deteriorated through years of service and to paint the other surfaces to prevent further corrosion damage. The following is the first in a series of projects planned.

DES-061(A) Manhole 1 & 2 Structural Steel Repairs

A pre-bid meeting was held April 30, 2010 and JEG was awarded the contract on May 18, 2010. This project began the on June 14, 2010 and was completed on June 24, 2010. A representative from TEG reviewed the work on June 28, 2010 and issued a punchlist on June 29, 2010. These items should be completed in early July 2010.



Manhole 1 Structural Steel Repairs



Manhole 1 Structural Steel Repairs

DES-062 Wildhorse Saloon Steam and Condensate Service Line Replacement

A pre-bid meeting was held on September 30, 2009 with bids due on October 9, 2009. The project was awarded to Nashville Machine on October 15, 2009 and the project began on October 26, 2009. Excavation activities were completed by November 15, 2009 with the steam and condensate pipe installation completed by December 18, 2009 except for the portion requiring a steam shutdown to make the necessary tie-ins. The shutdown was started on January 18, 2010 at 6:00 a.m. and was completed by midnight with both the condensate and steam tie-ins made at the customer building and inside Manhole K. Due to weather conditions the insulation blankets, brick paver repairs, sidewalk repairs and excavation around Manhole K to remove the old steam and condensate pipe was delayed until March 2010. Metro Parks requested additional cleaning of the brick pavers and this work was completed in April 2010.



Wildhorse Steam & Condensate Service Lines



Wildhorse Steam & Condensate Service Lines

DES-063 Manhole A, B and M Sump Pump Installation

A pre-bid meeting was held on November 13, 2009 in the EGF Conference Room. Bids were received on November 23, 2009. All bids exceeded the amount budgeted for this project, so it was not awarded. This project is in the process of being re-evaluated.

DES-066 First Avenue Steam Line and Manhole Abandonment (Phase II)

CEPS received two bids to fill Manholes H & J with flowable fill in November 2009 and forwarded to the Metro Contract Administrator for approval. Roy T. Goodwin was awarded the contract in early January 2010 due to replacement of Metro Water lines in this area this project was delayed until April 2010 and was completed on April 26, 2010.



Manhole J



Manhole H

DES-067 EDS Tunnel Structural (Rock) Rehabilitation

A pre-bid meeting was held in the EGF Conference Room on February 4, 2010. Bids were due February 16, 2010 at 2:00 p.m. Only one qualified contractor responded. CEPS furnished a proposal to Metro for this work 3/31/10. A pre-construction meeting was held June 2, 2010 in the EGF Conference Room. The start of this project was delayed due to the recent flood. The project is now scheduled to begin July 5, 2010 and will take approximately 9 months to complete.

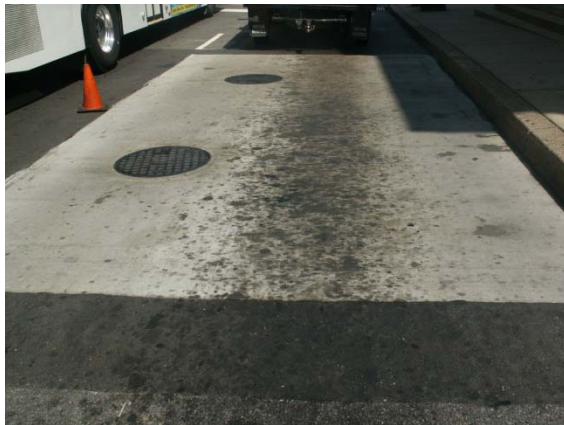
DES-068 Manhole 10 Structural Rehabilitation

DES-068(A) Exploratory Excavation

After viewing the interior of the Manhole 10 vault, Metro's engineer determined its structural integrity to be questionable. Due to safety concerns, primarily related to bus traffic, an exploratory excavation was conducted to expose the lid of the vault on January 28, 2010. The concrete on the exterior of the vault did not show any apparent signs of deterioration, so it was determined the excavation be back filled with gravel and the pavement be patched temporarily. This work was done on an emergency basis, at Metro's request, as an Uncontrollable Circumstance.

DES-068(B) Concrete Pad Installation

Following the exploratory excavation, TEG provided a bid set of documents to install a concrete pad over the existing manhole that will extend to street level. A pre-bid meeting was held February 26th for this work. Bids were due March 5, 2010. Roy T. Goodwin was awarded the contract and a pre-construction meeting was held on March 18, 2010. Work began on April 12, 2010 and was completed April 22, 2010. TEG reviewed the project April 28, 2010 and no punchlist items were found.



Manhole 10 Concrete Pad



Manhole 10 Concrete Pad

DES-069 Municipal Auditorium Condensate Tempering Station Installation

Following the completion of DES-062, the Wildhorse Saloon no longer needed a tempering station for the condensate prior to discharging into the sewer system. A determination was made that the station could be used at the Municipal Auditorium. On March 22, 2010, a pre-construction meeting and site visit was held with JEG. CEPS furnished a proposal to Metro for this work 3/31/10. The tempering station was removed from the Wildhorse Saloon by John E. Green (JEG) on April 21, 2010 and stored at the Municipal Auditorium. A new condensate tank and pumps were delivered the Auditorium the first week of June and the installation process began June 14, 2010. With the exception of the insulation, work was completed on June 24, 2010. A representative from TEG inspected the work and issued punchlist June 28, 2010. These items were completed on June 29, 2010. The insulation is expected to be completed in July 2010.



Municipal Auditorium Tempering Station



Municipal Auditorium Condensate Pumps

DES-075 2010 Chilled Water Outage

A scheduled chilled water outage was held on January 23-24, 2010 to remove the chilled water supply and return piping in Manhole M to the old Thermal Plant. This was removed due to a leak on the isolation valves that was increasing in size. The scheduled outage began at 1:00 a.m. on January 23, 2010. The plant was shut down and valves were closed in the tunnel, Manhole B and Manhole K to limit the water needed to refill the system. CEPS personnel assisted NMC with the set up of pumps at Manhole M to facilitate the draining of the section of piping from the plant to the Riverfront Park area. NMC removed existing pipe in Manhole M as well as the isolation valves to the old Thermal Plant. NMC then installed new gaskets and blind flanges (system valves did not hold well enough to allow pipe caps to be welded on). CEPS personnel began to fill the system using the plant chilled water makeup pumps, plant domestic water line and a fire hydrant at 1st Avenue and Broadway. This process took approximately 8 hours. After refilling the system, the chilled water valves were reopened and CEPS Operations personnel began to bring the system back to normal operating parameters. This was completed shortly after midnight on January 24, 2010.

DES-076 Manhole S4A Rehab (State Manhole at 7th Avenue North & Charlotte)
Metro's Structural Engineer has deemed this Manhole unsafe for personnel to enter. TEG is working on design drawings to rebuild the manhole.

DES-077 Music City Center Service Connection

TEG provided design documents for the service connection and MNDES awarded the Construction Management contract to run the DES service lines to Bell Clark. This is the same contractor building the convention center. CEPS and Metro DES representatives continue to communicate with building, design and construction representatives for this project.

DES-078 James K. Polk Steam Drip Leg Installation

The drip leg installation and steam trap line was installed by John E. Green on April 3, 2010. There was some additional work that was completed on April 15, 2010 which included replacement of threaded elbow and back welding on the threaded joints prior to the first valve on the steam side of the trap. A representative from TEG reviewed and approved the project on April 15, 2010.



James K. Polk Steam Dripleg and Trap Assembly



James K. Polk Steam Dripleg and Trap Assembly

DES-079 Tennessee Towers Gold Parking Lot Pavement Repairs

Roy T. Goodwin was awarded the contract to repair a section of the pavement that had settled following the installation of the condensate line. This work has been completed.

DES-081 Flood Related Repairs

CEPS personnel continue to work on repairing systems damaged as a result of the May 2010 flood. These include:

- Replaced one (1) 30 hp motor on the South 4th Avenue Tunnel Ventilation Fan
- Replaced ten (10) light fixtures in the Broadway Tunnel
- Assisted Victor Products representative with Tunnel Communication System

EMR10-002 Manhole L Anchor Repair

During our manhole inspections following the flood, it was discovered that the 18” steam expansion joint in Manhole L was over extended and bound up. This condition caused the steam line anchor to fail, compressing the 20” steam expansion joint, creating a steam leak. After careful monitoring, the leak continued to worsen over the couple of days. Due to safety concerns, the determination was made to have an emergency steam outage. The plan was to cool the steam line enough to relieve the stress on the 18” expansion joint and jack it back in to place, anticipating it would return to functioning properly after being re-anchored. Thermal Engineering Group contacted a structural engineer to design a new anchor attachment, Nashville Machine was employed to make the necessary mechanical corrections and Colt Atlantic was hired to make the leak repairs on the 20” expansion joint. The MNDES customers were contacted and informed of the situation. Activities took place as planned. The steam system was shut down at 11:00 p.m. May 25, 2010. Nashville Machine Company, Inc. began work at 6:00 a.m. on May 26, 2010 and finished at approximately 6:00 p.m. The thermal growth of the 18” expansion joint was monitored as the steam system was slowly brought back on line. It moved slightly before binding up again. It was decided to operate the system at 125 psi until the bad expansion joint could be replaced. The system reached 125 psi by approximately 10:00 p.m. This work, though flood related, was completed as an *Emergency Maintenance Repair* project.

DES-081(A) Manhole L Expansion Joint Replacements

The 18” High Span expansion joint bound up as a result of the flood has been monitored daily since the system was reenergized after the temporary anchor repair was made May 26, 2010. It has not moved. John E. Green Company has been awarded a contract to replace the existing 20” expansion joint and to modify the service line continuing north on 1st Avenue. These modifications will include replacing the 18” expansion joint with two 4” ball joints. A 32 hour steam outage has been tentatively scheduled to begin at midnight on August 7, 2010 to make necessary tie-ins.

Outstanding Issues and Recommendations

Outstanding Issues

Potential projects that should be customer funded:

- Polisher on Condensate return system
- Oxygen Trim on burners
- Capacitors on Electrical feed to plant
- Reverse Osmosis system on boiler make-up water

Recommendations for FY 2010-2011

- Complete Tunnel Structural Repairs
- Complete Tunnel Lighting & Electrical
- Continue Pipe insulation restoration in manholes
- Continue Pipe insulation restoration in tunnels
- Decouple James K. Polk Building to improve chilled water system hydraulics
- Replace Bellows Expansion Joint in Manhole 23
- Install permanent sump pumps in Manholes A, B & M on First Avenue
- Manhole & Tunnel Structural Steel Corrosion Prevention
- Investigate the installation of additional Division Valves

Marketing and Sales Overview

Sales and Marketing Review 2009 - 2010

The Nashville District Energy System did not sign any new customers during the last twelve months. The new Nashville Convention Center and related hotel projects are expected to use the majority of the Energy Generation Facility's remaining excess capacity. Due to this commitment and other market conditions, Metro DES has requested CEPS suspend sales activities related to pursuing new customers until further notice.

The possibility of providing MNDES services to the proposed Medical Mart, to be built on top of existing Convention Center, is being evaluated. It is anticipated this would require a satellite plant with possible ice storage in the old Convention Center.

Continuing activities include:

- The DES E-newsletter; produced and issued twice per year.
- The CEPS/NDE Annual Golf tournament continues to be successful event. Attendees include existing and potential new customers as well as strategic partners.
- DES personnel participate in Nashville Business groups and developers meetings held throughout the year.
- CEPS management staff attends meetings and social events to target local engineering, development and business groups and provide presentations and tours of DES to point out the positive attributes of the system.

System Capacity		
	Diversity Factor (1)	
	71.83%	67.72%
	Chilled Water (tons)	Steam (pph)
Installed Capacity	23,400	234,000
Max Allowable Customer Load (2)	19,540	157,560
Maximum System Peaks (3)	15,513	118,845
Net Undiversified Capacity Available for Resale (3)	4,027	38,715
Net Diversified Capacity Available for Resale (3)	5,606	57,171
Contract Capacity for Existing Customers (3)	24,380	245,092
Diversified Potential for Contract Capacities	29,729	303,833

(1) Net diversified capacity for chilled water requires pump modifications.

(2) Values based on reduction of stand-by chiller & boiler and EDS & EGF losses

Utilities and Fuel Procurement

During FY 2009-2010, CEPS provided proactive support to Metro in the areas of fuel procurement and risk management. Metro, in a collaborative effort with CEPS, Fellon-McCord and Associates, Inc. and Gas Supply Consulting Company, made natural gas and propane procurement recommendations. Procurement decisions were made based upon a matrix of pricing and consumption factors including but not limited to then-current pricing conditions, future pricing conditions, technical and fundamental pricing trends, consumption variances as a function of incremental demand and conservation and budgetary considerations. All natural gas supply was procured from Atmos Energy Marketing Company (“AEM”) under the terms and conditions of an agreement between CEPS and AEM for a service period extending through June, 2011. The costs include the amount paid to AEM for the gas (including the transportation costs to the Nashville city gate), Piedmont for the cost of transportation from the city gate to the plant and the risk management fees, but does not include the FEA.

Following is a report of the natural gas purchases made in FY2009-2010:

Natural Gas			
Month	Quantity (DT)	Unit Cost	Amount
July, 2009	17,605.6	\$ 6.7421	\$ 118,699.50
August	18,055.2	\$ 6.5831	\$ 118,859.50
September	22,183.0	\$ 6.0757	\$ 134,777.90
October	38,007.2	\$ 6.0893	\$ 231,435.50
November	42,756.4	\$ 6.8143	\$ 291,353.90
December	66,705.9	\$ 6.4474	\$ 430,076.80
January, 2010	76,448.8	\$ 6.7730	\$ 517,790.20
February	68,191.1	\$ 6.5216	\$ 444,713.00
March	52,687.4	\$ 6.4228	\$ 338,402.50
April	29,863.8	\$ 6.4478	\$ 192,556.20
May	21,769.9	\$ 6.3348	\$ 137,907.20
June	17,245.6	\$ 6.2154	\$ 107,188.00
Total	471,519.9	\$ 6.4976	\$ 3,063,760.32

Propane			
Month	Quantity (DT)	Unit Cost	Amount
July, 2009	0	N/A	\$ -
August	0	N/A	\$ -
September	0	N/A	\$ -
October	0	N/A	\$ -
November	58	\$ 11.0581	\$ 641.37
December	0	N/A	\$ -
January, 2010	379	\$ 16.8810	\$ 6,397.90
February	231	\$ 16.8800	\$ 3,899.29
March	0	N/A	\$ -
April	0	N/A	\$ -
May	0	N/A	\$ -
June	0	N/A	\$ -
Total	668	\$ 16.3751	\$ 10,938.56

During FY 09 – 10, electricity and water were purchased each month based on the rate schedules of Nashville Electric Service and the Metro Water Department.

Electricity			
Month	Quantity (kWh)	Unit Cost	Amount
July, 2009	5,208,000	\$ 0.0790	\$ 411,264.32
August	5,740,000	\$ 0.0785	\$ 450,401.06
September	4,900,000	\$ 0.0795	\$ 389,512.88
October	3,192,000	\$ 0.0999	\$ 318,905.13
November	2,520,000	\$ 0.1013	\$ 255,168.40
December	2,100,000	\$ 0.1100	\$ 231,007.74
January, 2010	1,932,000	\$ 0.1152	\$ 222,602.96
February	1,764,000	\$ 0.1224	\$ 215,942.62
March	2,576,000	\$ 0.0974	\$ 250,985.94
April	3,416,000	\$ 0.0861	\$ 294,272.66
May	4,284,000	\$ 0.0841	\$ 360,094.25
June	6,608,000	\$ 0.0792	\$ 523,380.37
Total	44,240,000	\$ 0.0887	\$ 3,923,538.33

Water & Sewer						
Month	Quantity (kgal)	Unit Cost	Amount			
July, 2009	12,331.528	\$ 3.24401	\$ 40,003.56			
August	14,434.156	\$ 3.24035	\$ 46,771.65			
September	12,442.232	\$ 3.23977	\$ 40,309.97			
October	7,542.832	\$ 3.24658	\$ 24,488.44			
November	6,723.024	\$ 3.24761	\$ 21,833.75			
December	6,292.924	\$ 3.25118	\$ 20,459.45			
January, 2010	4,924.832	\$ 3.25578	\$ 16,034.19			
February	5,306.312	\$ 3.25526	\$ 17,273.40			
March	7,728.336	\$ 3.24806	\$ 25,102.09			
April	9,599.084	\$ 3.24288	\$ 31,128.66			
May	9,942.416	\$ 3.24241	\$ 32,237.37			
June	16,864.408	\$ 3.42861	\$ 57,821.53			
Total	114,132.084	\$ 3.2722	373,464.06			

Financial Report

The following is an explanation of the Appendices associated with this financial report.

Appendix 1 – Customer List

This chart lists the number of customers served by the District Energy System (DES). The customers are sorted according to three categories:

- Private Customers
- State of Tennessee Customers
- Metropolitan Nashville (City) Customers

The first column labeled “Buildings Served” shows the number of corporate or governmental entities served. The second column labeled “Bills Rendered” shows the number of bills sent to customers each month.

Appendix 2 – Revenues

This chart summarizes the revenues charged per month by DES to each customer for fiscal year 2009 – 2010.

Appendix 3 – Customer Rate Reconciliation

Monthly Reconciliation charts from July 2009 to June 2010 are found in this appendix. The final chart is a Summary Reconciliation table for FY 09-10.

These charts detail the amount allocable to customers to the amount allocated to customers. The difference in the allocable amount and the amount allocated to customers is paid by Metro and is called the Metro Funding Amount (MFA).

- Facilities Capital Charge** – The debt service on revenue bonds issued for the project.
- System Operator Charge** – Includes the system operator’s fee which is most of the operations and maintenance costs of the system.
- EDS Improvements Charge** – Since there was no CPI adjustment, the annual replacement and repair allowance remained at \$169,860 for FY 09-10.
- Metro Incremental Administrative Charge** – Per the customer service agreement are the “actual, reasonable and necessary” cost over and above current Metro operating costs to manage the DES system and operator.

- e. **Pass Through Charges** –
 - i. **Water and Sewer** – The actual cost of providing water and sewer services.
 - ii. **Water Treatment Chemicals** – The actual cost of chemicals for treating water.
 - iii. **Engineering** – The engineering costs required for any non-capital projects, customer related issues, meetings, etc.
 - iv. **Insurance** – The cost to maintain all-risk property insurance and business insurance policies.
 - v. **EDS Electricity** – The cost of electricity for tunnel lights and safety equipment.
 - vi. **EDS Surcharge** – Surcharge to private customers only to cap their annual cost of any EDS repairs made by Metro (\$67,827).
- f. **Energy Charges** –
 - i. **Electricity** – The actual cost of electricity.
 - ii. **Natural Gas** – The actual cost of natural gas.
 - iii. **Propane Gas** – The actual cost of propane.

Appendix 4 – CEPS Invoice Reconciliation (FEA)

Exhibit 1 – Performance Guarantee Calculations

Appendix 1

District Energy System
Customers
June 30, 2010

<u>Buildings Served</u>	<u>Customer Name</u>
PRIVATE	
1	Wachovia Bank
2	Parkway Towers
3	Sheraton Hotel
4	Hermitage Hotel
5	501 Union Building
6	Sun Trust Bank
7	Fifth Third Financial Center
8	Renaissance Hotel
9	Renaissance Office Tower
10	St. Mary of the Seven Sorrows
11	Nashville City Center
12	Wildhorse Saloon
13	Ryman Auditorium
14	Schermerhorn Symphony Center
15	Viridian Residential Tower
STATE	
16	Andrew Jackson
17	Central Services
18	Cordell Hull Building
19	John Sevier
20	War Memorial Building
21	Library and Archives
22	Supreme Court Building
23	State Capitol Building
24	James K. Polk
25	Citizen Plaza Building
26	Tennessee Tower
27	Tennessee State University
28	Tennessee Performing Arts Ctr.
29	Legislative Plaza Bldg.
30	Rachel Jackson Bldg.
METRO	
31	401 Union Building
32	A. A. Birch
33	Metro Courthouse
34	Municipal Auditorium
35	Criminal Justice Center
36	Convention Center
37	Bridgestone Arena (<i>formerly Sommet Center</i>)
38	LP Field
39	Hume Fogg School
40	Nashville Public Library

Appendix 2

*Metro Nashville District Energy System
FY 09 - 10*

Chilled Water and Steam Revenues

Customer No.	Customer Name	July	August	September	October	November	December	January	February	March	April	May	June (including True Up)	Total
2	A. A. Birch	72,805.06	66,907.35	67,501.87	66,655.56	63,281.03	66,930.18	81,218.42	80,875.99	75,197.75	68,981.88	70,804.82	65,566.12	846,726.03
4	Metro Courthouse	26,232.87	27,385.83	26,759.25	24,098.70	24,398.20	25,399.90	31,074.75	31,224.36	26,508.61	23,361.60	25,598.07	24,210.69	316,252.83
7	Parkway Towers	24,449.19	23,563.31	21,970.31	28,198.44	28,853.16	32,732.55	36,552.09	33,620.15	29,667.57	23,368.80	21,931.35	20,470.63	325,377.55
9	Wachovia	12,551.49	12,454.46	11,153.66	11,195.97	11,745.71	13,190.19	14,178.39	14,290.18	13,145.15	12,793.29	13,875.64	14,227.12	154,801.25
10	Regions Financial Corporation	7,141.97	7,168.74	7,171.82	7,145.18	7,426.26	7,141.96	7,292.73	7,139.96	7,141.20	7,144.39	7,134.63	5,301.68	84,350.52
11	Sheraton Hotel	63,515.83	64,677.04	56,782.99	59,065.39	60,249.11	68,310.28	79,366.80	73,135.88	63,960.37	57,263.41	54,804.02	58,212.32	759,343.44
12	Municipal Auditorium	17,157.73	16,449.84	15,920.60	15,190.10	15,471.22	21,359.27	31,513.75	27,872.24	16,164.30	15,071.62	16,516.86	16,101.48	224,789.01
21	Hermitage Hotel	24,963.48	24,397.95	23,857.62	22,316.90	21,954.39	24,933.50	28,103.24	26,679.33	23,515.05	21,720.65	22,402.42	21,305.19	286,149.72
24	Criminal Justice Center	46,763.28	45,744.43	41,575.44	46,272.04	52,765.97	56,714.78	61,015.09	60,111.24	53,006.64	39,805.75	41,002.78	37,166.32	581,943.76
25	501 Union Association	9,187.06	8,885.29	8,489.06	9,614.10	10,201.81	10,849.73	14,725.40	12,517.14	11,051.17	8,780.06	8,625.80	7,633.77	120,560.39
28	Sun Trust Bank	33,828.87	34,109.31	30,300.20	28,788.33	32,461.31	40,205.84	45,217.09	37,468.65	34,495.13	30,994.56	30,779.58	37,601.81	416,250.68
29	Fifth Third Financial Center	31,001.62	30,814.01	28,474.32	25,674.54	25,401.06	24,020.80	23,394.13	23,601.15	24,331.28	26,332.33	28,230.77	29,167.27	320,443.28
32	Renaissance Hotel	66,648.95	70,092.29	63,930.81	76,442.81	78,524.97	80,717.19	85,846.10	81,735.12	82,856.42	76,423.61	71,046.14	63,854.48	898,118.89
33	Convention Center	70,575.77	68,174.55	69,291.84	76,574.64	75,006.62	72,549.24	82,595.38	80,070.77	80,554.53	76,392.61	80,213.35	63,529.56	895,528.86
34	Renaissance Office Tower	9,311.28	8,935.07	7,143.29	6,408.36	6,955.85	6,770.50	8,223.72	8,423.61	7,515.56	9,937.37	10,982.00	11,608.07	102,214.68
35	St. Mary of the Seven	878.00	878.00	878.00	878.00	878.00	878.00	878.00	878.00	878.00	878.00	878.00	878.00	10,536.00
36	Nashville City Center	37,716.50	36,019.45	32,348.96	26,817.58	25,196.95	21,833.24	22,712.48	22,929.75	24,652.94	28,700.61	32,533.19	33,353.62	344,815.27
38	Wildhorse Saloon	15,799.06	15,649.13	14,339.56	13,683.06	14,207.08	13,771.13	14,638.88	13,071.18	13,266.83	12,458.06	7,775.17	15,810.40	164,469.54
39	Ryman Auditorium	21,390.74	21,250.72	17,723.95	14,922.34	14,518.43	14,181.70	16,225.79	14,598.22	14,893.55	15,541.16	16,275.55	18,398.40	199,920.55
40	Sommet Center	113,549.18	128,081.08	138,903.95	137,843.66	134,999.92	135,583.72	122,554.43	124,679.38	159,967.06	132,527.37	147,163.17	105,578.11	1,581,431.03
41	LP Field	52,321.99	55,493.41	48,893.14	33,620.13	30,503.94	27,083.14	26,756.64	26,624.95	28,613.07	36,275.94	41,987.03	55,141.23	463,314.61
43	Hume Fogg School	19,645.89	19,052.74	15,886.54	12,611.64	13,533.62	18,488.30	20,780.89	18,332.16	15,427.63	16,274.35	11,051.98	9,732.10	190,817.84
44	Schermerhorn Symphony	27,235.20	26,753.98	26,650.10	24,026.13	23,347.46	25,331.08	28,717.43	26,494.67	24,737.72	24,085.38	12,983.97	20,289.44	290,652.56
45	Nashville Public Library	24,320.89	24,214.94	21,498.06	18,116.43	16,561.50	16,960.66	20,218.12	18,934.40	17,478.24	22,063.52	25,236.60	27,594.22	253,197.58
49	Viridian Residential	19,232.94	19,354.38	17,596.86	15,492.15	15,213.73	13,432.90	13,267.37	13,332.93	13,961.67	16,321.60	17,532.97	17,807.51	192,547.01
S1	State Government of TN	<u>432,295.82</u>	<u>429,467.48</u>	<u>417,835.31</u>	<u>443,223.87</u>	<u>458,136.66</u>	<u>512,048.37</u>	<u>556,518.27</u>	<u>511,452.78</u>	<u>463,454.29</u>	<u>424,258.75</u>	<u>419,849.33</u>	<u>456,315.18</u>	<u>5,524,856.11</u>
	Grand Totals:	1,280,520.66	1,285,974.78	1,232,877.51	1,244,876.05	1,261,793.96	1,351,418.15	1,473,585.38	1,390,094.19	1,326,441.73	1,227,756.67	1,237,215.19	1,236,854.72	15,549,408.99

Appendix 3

*Metro Nashville District Energy System
FY 09 - 10*

Chilled Water and Steam Revenues

July, 09 - June, 10

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Metro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 157,287.84	\$ 169,930.20	\$ 7,443.60	\$ 16,504.70	\$ 25,067.30	\$ 9,798.79	\$ (126.85)	\$ 1,214.91	\$ 2,716.75	\$ -	\$ 15,015.50	\$ 203,110.12	\$ 238,027.18	\$ 735.99	\$ 846,726.03
4	Metro Courthouse	\$ 74,459.84	\$ 79,292.52	\$ 3,473.40	\$ 7,701.67	\$ 7,305.01	\$ 2,871.76	\$ (59.11)	\$ 566.92	\$ 1,267.73	\$ -	\$ 7,555.30	\$ 73,801.95	\$ 57,765.23	\$ 250.61	\$ 316,252.83
7	Parkway Towers	\$ 67,883.27	\$ 76,930.68	\$ 3,369.48	\$ 7,471.22	\$ 7,498.02	\$ 3,297.13	\$ (57.39)	\$ 549.95	\$ 1,229.79	\$ 7,247.04	\$ 1,133.02	\$ 87,616.66	\$ 60,917.01	\$ 291.67	\$ 325,377.55
9	Wachovia	\$ 25,021.31	\$ 27,884.04	\$ 1,221.36	\$ 2,510.36	\$ 5,123.18	\$ 1,972.71	\$ (59.32)	\$ 199.35	\$ 445.77	\$ 2,604.00	\$ 293.50	\$ 42,335.24	\$ 45,111.55	\$ 138.20	\$ 154,801.25
10	401 Union	\$ 34,584.15	\$ 39,927.48	\$ 1,748.76	\$ 3,877.38	\$ 1.23	\$ 1.24	\$ (29.75)	\$ 285.42	\$ 638.26	\$ 3,170.04	\$ -	\$ 5.41	\$ 139.23	\$ 1.67	\$ 84,350.52
11	Sheraton Hotel	\$ 143,234.54	\$ 154,517.88	\$ 6,768.60	\$ 15,007.88	\$ 20,935.78	\$ 8,258.80	\$ (115.39)	\$ 1,104.72	\$ 2,470.39	\$ 12,570.00	\$ 581.38	\$ 158,496.87	\$ 234,723.20	\$ 788.79	\$ 759,343.44
12	Municipal Auditorium	\$ 72,328.18	\$ 82,487.22	\$ 3,612.84	\$ 7,991.55	\$ 1,559.75	\$ 714.07	\$ (65.37)	\$ 586.99	\$ 1,318.53	\$ -	\$ 376.08	\$ 15,583.99	\$ 37,994.03	\$ 301.15	\$ 224,789.01
21	Hermitage Hotel	\$ 69,184.63	\$ 72,451.56	\$ 3,173.88	\$ 7,037.47	\$ 6,787.28	\$ 2,699.46	\$ (54.01)	\$ 518.03	\$ 1,158.38	\$ 2,829.96	\$ 4,292.77	\$ 63,993.68	\$ 51,890.78	\$ 185.85	\$ 286,149.72
24	Criminal Justice Center	\$ 116,984.81	\$ 119,120.88	\$ 5,218.68	\$ 11,088.66	\$ 16,896.02	\$ 7,183.80	\$ (182.62)	\$ 851.76	\$ 1,904.70	\$ -	\$ 6,116.72	\$ 168,875.07	\$ 127,434.88	\$ 450.40	\$ 581,943.76
25	501 Union Association	\$ 27,277.84	\$ 29,207.16	\$ 1,279.44	\$ 2,836.80	\$ 2,726.93	\$ 1,197.84	\$ (21.74)	\$ 208.81	\$ 466.98	\$ 2,378.04	\$ 1,404.96	\$ 32,434.05	\$ 19,062.00	\$ 101.28	\$ 120,560.39
28	Sun Trust Bank	\$ 250,468.80	\$ -	\$ -	\$ -	\$ 7,233.18	\$ 2,865.03	\$ (65.13)	\$ 744.43	\$ -	\$ -	\$ 916.57	\$ 80,859.88	\$ 72,844.36	\$ 383.56	\$ 416,250.68
29	Fifth Third Financial Center	\$ 83,364.74	\$ 108,106.68	\$ 4,733.76	\$ 10,496.25	\$ 7,002.03	\$ 2,614.45	\$ (80.57)	\$ 772.62	\$ 1,727.76	\$ 8,039.04	\$ 2,194.28	\$ 91,472.24	\$ -	\$ -	\$ 320,443.28
32	Renaissance Hotel	\$ 171,829.00	\$ 180,185.88	\$ 7,893.48	\$ 17,502.04	\$ 24,871.96	\$ 10,200.70	\$ (134.53)	\$ 1,288.32	\$ 2,880.89	\$ 14,946.96	\$ -	\$ 229,785.72	\$ 236,087.92	\$ 780.55	\$ 898,118.89
33	Convention Center	\$ 211,577.86	\$ 228,123.12	\$ 9,992.88	\$ 22,156.85	\$ 22,574.82	\$ 9,141.01	\$ (170.33)	\$ 1,630.97	\$ 3,647.13	\$ -	\$ 42.81	\$ 246,326.35	\$ 139,951.01	\$ 534.38	\$ 895,528.86
34	Renaissance Office Tower	\$ 20,700.80	\$ 26,845.32	\$ 1,175.55	\$ 2,238.27	\$ 3,415.50	\$ 1,288.13	\$ (91.49)	\$ 188.90	\$ 429.20	\$ 2,322.00	\$ -	\$ 43,702.50	\$ -	\$ -	\$ 102,214.68
35	St. Mary of the Seven	\$ 10,196.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 339.96	\$ -	\$ -	\$ -	\$ -	\$ 10,536.00
36	Nashville City Center	\$ 67,938.67	\$ 88,102.32	\$ 3,857.88	\$ 8,501.95	\$ 11,589.46	\$ 4,284.05	\$ (75.77)	\$ 629.65	\$ 1,408.03	\$ 7,700.04	\$ 12.99	\$ 150,866.00	\$ -	\$ -	\$ 344,815.27
38	Wildhorse Saloon	\$ 25,290.79	\$ 28,850.28	\$ 1,263.72	\$ 2,869.81	\$ 5,461.23	\$ 2,071.83	\$ (8.33)	\$ 206.24	\$ 461.19	\$ 1,868.04	\$ 757.42	\$ 48,782.78	\$ 46,450.47	\$ 144.07	\$ 164,469.54
39	Ryman Auditorium	\$ 26,825.24	\$ 30,870.12	\$ 1,352.10	\$ 3,089.60	\$ 7,837.36	\$ 2,846.91	\$ (5.21)	\$ 219.57	\$ 493.44	\$ 1,812.00	\$ -	\$ 57,536.21	\$ 66,873.27	\$ 169.94	\$ 199,920.55
40	Sommet Center	\$ 280,992.79	\$ 326,726.16	\$ 14,309.76	\$ 31,728.84	\$ 52,093.37	\$ 20,970.67	\$ (243.83)	\$ 2,335.55	\$ 5,222.76	\$ -	\$ 5,839.96	\$ 481,737.85	\$ 358,940.05	\$ 777.10	\$ 1,581,431.03
41	LP Field	\$ 119,891.72	\$ 155,474.64	\$ 6,807.96	\$ 13,762.53	\$ 11,477.83	\$ 3,698.47	\$ (374.75)	\$ 1,111.16	\$ 2,484.77	\$ -	\$ 890.72	\$ 148,089.56	\$ -	\$ -	\$ 463,314.61
43	Hume Fogg School	\$ 39,926.98	\$ 44,376.96	\$ 1,943.88	\$ 4,309.85	\$ 4,860.28	\$ 1,940.40	\$ (33.15)	\$ 317.25	\$ 709.44	\$ -	\$ 1,064.40	\$ 37,411.33	\$ 53,800.07	\$ 190.15	\$ 190,817.84
44	Schermerhorn Symphony	\$ 155,376.00	\$ -	\$ -	\$ -	\$ 6,828.97	\$ 2,769.97	\$ (39.51)	\$ 456.86	\$ -	\$ -	\$ -	\$ 56,918.25	\$ 68,115.66	\$ 226.36	\$ 290,652.56
45	Nashville Public Library	\$ 70,410.48	\$ -	\$ -	\$ -	\$ 11,637.65	\$ 4,401.93	\$ (62.74)	\$ 710.91	\$ -	\$ -	\$ 758.10	\$ 143,492.22	\$ 21,726.53	\$ 122.50	\$ 253,197.58
49	Viridian Residential	\$ 146,364.96	\$ -	\$ -	\$ -	\$ 3,201.04	\$ 1,109.36	\$ (37.15)	\$ 404.14	\$ -	\$ -	\$ -	\$ 41,504.66	\$ -	\$ -	\$ 192,547.01
51	State Government of TN	\$ 1,639,133.88	\$ 1,091,104.08	\$ -	\$ -	\$ 137,933.25	\$ 56,322.83	\$ -	\$ 8,603.91	\$ 19,239.82	\$ -	\$ 56,182.21	\$ 1,333,874.60	\$ 1,178,120.48	\$ 4,341.05	\$ 5,524,856.11
	Grand Totals:	\$ 4,108,535.16	\$ 3,160,515.18	\$ 90,641.01	\$ 198,683.68	\$ 411,918.43	\$ 164,521.34	\$ (2,194.04)	\$ 25,707.34	\$ 52,321.71	\$ 67,827.12	\$ 105,428.69	\$ 4,038,613.19	\$ 3,115,974.91	\$ 10,915.27	\$ 15,549,408.99
	Rate Calculation Totals:	\$ 4,605,522.66	\$ 4,387,350.84	\$ 144,381.00	\$ 320,133.48	\$ 412,092.35	\$ 164,622.63	\$ (2,458.44)	\$ 23,564.95	\$ 52,696.01	\$ 67,827.12	\$ 105,428.69	\$ 4,039,782.54	\$ 3,121,045.62	\$ 10,938.72	\$ 17,452,928.17
	Deviation:	\$ (496,987.50)	\$ (1,226,835.66)	\$ (53,739.99)	\$ (121,449.80)	\$ (173.92)	\$ (101.29)	\$ 264.40	\$ 2,142.39	\$ (374.30)	\$ -	\$ -	\$ (1,169.35)	\$ (5,070.71)	\$ (23.45)	\$ (1,903,519.18)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

July, 09

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Metro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,086.77	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 3,471.81	\$ 888.10	\$ 95.67	\$ -	\$ 226.42	\$ -	\$ 1,131.67	\$ 23,687.04	\$ 13,514.09	\$ -	\$ 72,805.06
4	Metro Courthouse	\$ 6,195.26	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 955.74	\$ 224.17	\$ 44.65	\$ -	\$ 105.66	\$ -	\$ 580.61	\$ 8,897.09	\$ 1,435.50	\$ -	\$ 26,232.87
7	Parkway Towers	\$ 5,648.07	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 847.96	\$ 187.57	\$ 43.31	\$ -	\$ 102.49	\$ 603.92	\$ 235.43	\$ 9,218.57	\$ -	\$ -	\$ 24,449.19
9	Wachovia	\$ 2,081.84	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 621.67	\$ 161.63	\$ 15.69	\$ -	\$ 37.15	\$ 217.00	\$ 26.14	\$ 3,936.18	\$ 2,713.32	\$ -	\$ 12,551.49
10	401 Union	\$ 2,877.49	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ -	\$ -	\$ 22.48	\$ -	\$ 53.20	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,141.97
11	Sheraton Hotel	\$ 11,917.51	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 2,933.38	\$ 763.49	\$ 86.99	\$ -	\$ 205.89	\$ 1,047.50	\$ -	\$ 18,478.23	\$ 12,894.30	\$ -	\$ 63,515.83
12	Municipal Auditorium	\$ 5,980.58	\$ 6,842.76	\$ 299.70	\$ 928.80	\$ 243.97	\$ 53.97	\$ 46.22	\$ -	\$ 109.40	\$ -	\$ -	\$ 2,652.33	\$ -	\$ -	\$ 17,157.73
21	Hermitage Hotel	\$ 5,756.35	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 956.53	\$ 238.15	\$ 40.80	\$ -	\$ 96.54	\$ 235.83	\$ 238.49	\$ 7,290.72	\$ 2,988.28	\$ -	\$ 24,963.48
24	Criminal Justice Center	\$ 9,733.46	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 2,054.25	\$ 517.17	\$ 67.08	\$ -	\$ 158.75	\$ -	\$ 474.00	\$ 14,988.59	\$ 7,060.61	\$ -	\$ 46,763.28
25	501 Union Association	\$ 2,269.60	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 304.59	\$ 67.38	\$ 16.45	\$ -	\$ 38.92	\$ 198.17	\$ 109.69	\$ 3,311.30	\$ -	\$ -	\$ 9,187.06
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 1,066.58	\$ 235.93	\$ 58.63	\$ -	\$ -	\$ -	\$ -	\$ 11,595.33	\$ -	\$ -	\$ 33,828.87
29	Fifth Third Financial Center	\$ 6,936.17	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 1,023.88	\$ 226.49	\$ 60.85	\$ -	\$ 144.00	\$ 669.92	\$ 183.37	\$ 11,131.05	\$ -	\$ -	\$ 31,001.62
32	Renaissance Hotel	\$ 14,296.64	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 2,748.96	\$ 661.82	\$ 101.45	\$ -	\$ 240.11	\$ 1,245.58	\$ -	\$ 23,597.05	\$ 6,045.56	\$ -	\$ 66,648.95
33	Convention Center	\$ 17,603.85	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 2,494.16	\$ 564.56	\$ 128.43	\$ -	\$ 303.97	\$ -	\$ -	\$ 25,612.29	\$ 1,444.85	\$ -	\$ 70,575.77
34	Renaissance Office Tower	\$ 1,695.80	\$ 2,202.56	\$ 96.45	\$ 298.89	\$ 394.78	\$ 87.33	\$ 14.88	\$ -	\$ 35.21	\$ 193.50	\$ -	\$ 4,291.88	\$ -	\$ -	\$ 9,311.28
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,652.68	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 1,868.53	\$ 413.33	\$ 49.59	\$ -	\$ 117.35	\$ 641.67	\$ -	\$ 20,313.70	\$ -	\$ -	\$ 37,716.50
38	Wildhorse Saloon	\$ 2,104.26	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 882.96	\$ 215.79	\$ 16.24	\$ -	\$ 38.43	\$ 155.67	\$ 43.34	\$ 7,202.03	\$ 2,304.51	\$ -	\$ 15,799.06
39	Ryman Auditorium	\$ 2,216.48	\$ 2,559.60	\$ 112.11	\$ 347.42	\$ 1,334.93	\$ 351.29	\$ 17.29	\$ -	\$ 40.92	\$ 151.00	\$ -	\$ 7,959.84	\$ 6,299.86	\$ -	\$ 21,390.74
40	Sommet Center	\$ 23,379.36	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 4,767.22	\$ 1,234.63	\$ 183.92	\$ -	\$ 435.28	\$ -	\$ 420.41	\$ 30,751.07	\$ 20,262.10	\$ -	\$ 113,549.18
41	LP Field	\$ 9,975.32	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 2,202.39	\$ 487.18	\$ 87.51	\$ -	\$ 207.09	\$ -	\$ 137.59	\$ 23,943.19	\$ -	\$ -	\$ 52,321.99
43	Hume Fogg School	\$ 3,322.03	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 991.34	\$ 270.18	\$ 24.98	\$ -	\$ 59.13	\$ -	\$ 68.79	\$ 4,821.35	\$ 5,726.04	\$ -	\$ 19,645.89
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 1,193.52	\$ 315.66	\$ 35.98	\$ -	\$ -	\$ -	\$ -	\$ 6,931.95	\$ 5,810.09	\$ -	\$ 27,235.20
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,514.66	\$ 335.35	\$ 55.99	\$ -	\$ -	\$ -	\$ 82.18	\$ 16,430.95	\$ 34.22	\$ -	\$ 24,320.89
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 566.72	\$ 125.36	\$ 31.83	\$ -	\$ -	\$ -	\$ -	\$ 6,161.03	\$ -	\$ -	\$ 19,232.94
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 16,560.60	\$ 3,978.09	\$ -	\$ -	\$ 1,603.53	\$ -	\$ 4,017.45	\$ 143,199.77	\$ 35,416.55	\$ -	\$ 432,295.82
	Grand Totals:	\$ 342,209.62	\$ 263,297.63	\$ 7,549.97	\$ 23,397.51	\$ 52,001.13	\$ 12,604.62	\$ 1,346.91	\$ -	\$ 4,359.44	\$ 5,652.26	\$ 7,749.16	\$ 436,402.53	\$ 123,949.88	\$ -	\$ 1,280,520.66
	Rate Calculation Totals:	\$ 383,406.12	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 52,015.93	\$ 12,609.95	\$ 1,855.83	\$ -	\$ 4,391.92	\$ 5,652.26	\$ 7,749.16	\$ 436,563.64	\$ 123,949.87	\$ -	\$ 1,443,125.67
	Deviation:	\$ (41,196.50)	\$ (102,314.94)	\$ (4,481.78)	\$ (13,889.16)	\$ (14.80)	\$ (5.33)	\$ (508.92)	\$ -	\$ (32.48)	\$ -	\$ -	\$ (161.11)	\$ 0.01	\$ -	\$ (162,605.01)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

August, 09

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Micro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,208.72	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 2,755.28	\$ 819.73	\$ 95.67	\$ -	\$ 226.23	\$ -	\$ 1,184.61	\$ 22,325.29	\$ 9,588.33	\$ -	\$ 66,907.35
4	Metro Courthouse	\$ 6,252.99	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 925.42	\$ 275.33	\$ 44.65	\$ -	\$ 105.57	\$ -	\$ 622.31	\$ 9,279.27	\$ 2,086.10	\$ -	\$ 27,385.83
7	Parkway Towers	\$ 5,700.70	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 629.24	\$ 187.23	\$ 43.31	\$ -	\$ 102.41	\$ 603.92	\$ 198.39	\$ 8,536.24	\$ -	\$ -	\$ 23,563.31
9	Wachovia	\$ 2,101.23	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 585.06	\$ 174.06	\$ 15.69	\$ -	\$ 37.12	\$ 217.00	\$ 1.46	\$ 4,204.30	\$ 2,377.67	\$ -	\$ 12,454.46
10	401 Union	\$ 2,904.31	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ -	\$ -	\$ 22.48	\$ -	\$ 53.15	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,168.74
11	Sheraton Hotel	\$ 12,028.55	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 2,915.84	\$ 867.47	\$ 86.99	\$ -	\$ 205.72	\$ 1,047.50	\$ 109.37	\$ 19,366.47	\$ 12,860.59	\$ -	\$ 64,677.04
12	Municipal Auditorium	\$ 6,036.31	\$ 6,842.76	\$ 299.70	\$ 928.80	\$ 147.12	\$ 43.78	\$ 46.22	\$ -	\$ 109.31	\$ -	\$ -	\$ 1,995.84	\$ -	\$ -	\$ 16,449.84
21	Hermitage Hotel	\$ 5,809.98	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 828.34	\$ 246.44	\$ 40.80	\$ -	\$ 96.47	\$ 235.83	\$ 310.06	\$ 7,025.37	\$ 2,682.87	\$ -	\$ 24,397.95
24	Criminal Justice Center	\$ 9,824.16	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 1,825.60	\$ 543.14	\$ 67.08	\$ -	\$ 158.61	\$ -	\$ 484.90	\$ 14,754.20	\$ 6,377.37	\$ -	\$ 45,744.43
25	501 Union Association	\$ 2,290.74	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 225.42	\$ 67.07	\$ 16.45	\$ -	\$ 38.88	\$ 198.17	\$ 119.54	\$ 3,058.06	\$ -	\$ -	\$ 8,885.29
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 886.62	\$ 263.81	\$ 58.63	\$ -	\$ -	\$ -	\$ -	\$ 12,027.85	\$ -	\$ -	\$ 34,109.31
29	Fifth Third Financial Center	\$ 7,000.80	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 815.46	\$ 242.64	\$ 60.85	\$ -	\$ 143.88	\$ 669.92	\$ 192.12	\$ 11,062.45	\$ -	\$ -	\$ 30,814.01
32	Renaissance Hotel	\$ 14,429.86	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 2,697.85	\$ 802.66	\$ 101.45	\$ -	\$ 239.90	\$ 1,245.58	\$ -	\$ 26,308.18	\$ 6,555.03	\$ -	\$ 70,092.29
33	Convention Center	\$ 17,767.88	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 1,887.68	\$ 561.65	\$ 128.43	\$ -	\$ 303.71	\$ -	\$ -	\$ 24,212.71	\$ 888.83	\$ -	\$ 68,174.55
34	Renaissance Office Tower	\$ 1,711.61	\$ 2,202.56	\$ 96.45	\$ 298.89	\$ 294.82	\$ 87.72	\$ 14.88	\$ -	\$ 35.18	\$ 193.50	\$ -	\$ 3,999.46	\$ -	\$ -	\$ 8,935.07
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,705.35	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 1,402.50	\$ 417.30	\$ 49.59	\$ -	\$ 117.25	\$ 641.67	\$ -	\$ 19,026.14	\$ -	\$ -	\$ 36,019.45
38	Wildhorse Saloon	\$ 2,123.87	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 798.06	\$ 237.43	\$ 16.24	\$ -	\$ 38.41	\$ 155.67	\$ 41.90	\$ 6,901.80	\$ 2,499.92	\$ -	\$ 15,649.13
39	Ryman Auditorium	\$ 2,237.13	\$ 2,559.60	\$ 112.11	\$ 347.42	\$ 1,317.05	\$ 391.81	\$ 17.29	\$ -	\$ 40.89	\$ 151.00	\$ -	\$ 7,424.85	\$ 6,651.57	\$ -	\$ 21,250.72
40	Sommet Center	\$ 23,597.21	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 5,647.56	\$ 1,680.19	\$ 183.92	\$ -	\$ 434.92	\$ -	\$ -	\$ 43,027.76	\$ 21,394.33	\$ -	\$ 128,081.08
41	LP Field	\$ 10,068.27	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 2,000.47	\$ 595.23	\$ 87.51	\$ -	\$ 206.92	\$ -	\$ 115.12	\$ 27,138.17	\$ -	\$ -	\$ 55,493.41
43	Hume Fogg School	\$ 3,352.98	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 929.36	\$ 276.48	\$ 24.98	\$ -	\$ 59.07	\$ -	\$ 46.05	\$ 5,429.14	\$ 4,572.63	\$ -	\$ 19,052.74
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 1,147.54	\$ 341.39	\$ 35.98	\$ -	\$ -	\$ -	\$ -	\$ 6,514.24	\$ 5,766.83	\$ -	\$ 26,753.98
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,225.10	\$ 364.52	\$ 55.99	\$ -	\$ -	\$ -	\$ 82.18	\$ 16,619.61	\$ -	\$ -	\$ 24,214.94
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 469.24	\$ 139.62	\$ 31.83	\$ -	\$ -	\$ -	\$ -	\$ 6,365.69	\$ -	\$ -	\$ 19,354.38
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 14,588.12	\$ 4,340.26	\$ -	\$ -	\$ 1,602.15	\$ -	\$ 3,209.73	\$ 143,649.95	\$ 34,557.44	\$ -	\$ 429,467.48
Grand Totals:		\$ 343,632.75	\$ 263,297.63	\$ 7,549.97	\$ 23,397.51	\$ 46,944.75	\$ 13,966.96	\$ 1,346.91	\$ -	\$ 4,355.75	\$ 5,652.26	\$ 6,717.74	\$ 450,253.04	\$ 118,859.51	\$ -	\$ 1,285,974.78
Rate Calculation Totals:		\$ 385,705.89	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 46,955.65	\$ 13,967.53	\$ 1,855.83	\$ -	\$ 4,388.20	\$ 5,652.26	\$ 6,717.74	\$ 450,401.06	\$ 118,859.53	\$ -	\$ 1,449,434.68
Deviation:		\$ (42,073.14)	\$ (102,314.94)	\$ (4,481.78)	\$ (13,889.16)	\$ (10.90)	\$ (0.57)	\$ (508.92)	\$ -	\$ (32.45)	\$ -	\$ -	\$ (148.02)	\$ (0.02)	\$ -	\$ (163,459.90)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

September, 09

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Micro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,208.72	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 2,580.24	\$ 722.74	\$ 95.67	\$ -	\$ 239.32	\$ -	\$ 1,265.20	\$ 20,075.23	\$ 12,611.26	\$ -	\$ 67,501.87
4	Metro Courthouse	\$ 6,252.99	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 835.78	\$ 234.11	\$ 44.65	\$ -	\$ 111.67	\$ -	\$ 654.49	\$ 7,981.13	\$ 2,850.24	\$ -	\$ 26,759.25
7	Parkway Towers	\$ 5,700.70	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 511.46	\$ 143.27	\$ 43.31	\$ -	\$ 108.34	\$ 603.92	\$ 325.03	\$ 6,972.41	\$ -	\$ -	\$ 21,970.31
9	Wachovia	\$ 2,101.23	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 430.72	\$ 120.65	\$ 15.69	\$ -	\$ 39.27	\$ 217.00	\$ 30.62	\$ 3,359.08	\$ 2,098.53	\$ -	\$ 11,153.66
10	401 Union	\$ 2,904.31	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ -	\$ -	\$ 22.48	\$ -	\$ 56.23	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,171.82
11	Sheraton Hotel	\$ 12,028.55	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 2,031.05	\$ 568.91	\$ 86.99	\$ -	\$ 217.62	\$ 1,047.50	\$ -	\$ 15,101.19	\$ 10,512.64	\$ -	\$ 56,782.99
12	Municipal Auditorium	\$ 6,036.31	\$ 6,842.76	\$ 299.70	\$ 928.80	\$ 110.72	\$ 31.02	\$ 46.22	\$ -	\$ 115.63	\$ -	\$ -	\$ 1,509.44	\$ -	\$ -	\$ 15,920.60
21	Hermitage Hotel	\$ 5,809.98	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 719.81	\$ 201.62	\$ 40.80	\$ -	\$ 102.04	\$ 235.83	\$ 435.93	\$ 6,032.64	\$ 3,157.18	\$ -	\$ 23,857.62
24	Criminal Justice Center	\$ 9,824.16	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 1,352.17	\$ 378.76	\$ 67.08	\$ -	\$ 167.79	\$ -	\$ 484.90	\$ 13,323.44	\$ 4,267.77	\$ -	\$ 41,575.44
25	501 Union Association	\$ 2,290.74	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 198.59	\$ 55.63	\$ 16.45	\$ -	\$ 41.14	\$ 198.17	\$ 110.13	\$ 2,707.25	\$ -	\$ -	\$ 8,489.06
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 628.28	\$ 175.99	\$ 58.63	\$ -	\$ -	\$ -	\$ -	\$ 8,564.90	\$ -	\$ -	\$ 30,300.20
29	Fifth Third Financial Center	\$ 7,000.80	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 651.03	\$ 182.37	\$ 60.85	\$ -	\$ 152.20	\$ 669.92	\$ 256.16	\$ 8,875.10	\$ -	\$ -	\$ 28,474.32
32	Renaissance Hotel	\$ 14,429.86	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 2,109.36	\$ 590.85	\$ 101.45	\$ -	\$ 253.77	\$ 1,245.58	\$ -	\$ 21,064.33	\$ 6,423.83	\$ -	\$ 63,930.81
33	Convention Center	\$ 17,767.88	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 1,972.18	\$ 552.44	\$ 128.43	\$ -	\$ 321.27	\$ -	\$ -	\$ 22,276.26	\$ 3,849.72	\$ -	\$ 69,291.84
34	Renaissance Office Tower	\$ 1,711.61	\$ 2,202.56	\$ 96.45	\$ 298.89	\$ 173.56	\$ 48.62	\$ 14.88	\$ -	\$ 37.21	\$ 193.50	\$ -	\$ 2,366.01	\$ -	\$ -	\$ 7,143.29
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,705.35	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 1,151.30	\$ 322.50	\$ 49.59	\$ -	\$ 124.04	\$ 641.67	\$ -	\$ 15,694.86	\$ -	\$ -	\$ 32,348.96
38	Wildhorse Saloon	\$ 2,123.87	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 644.51	\$ 180.53	\$ 16.24	\$ -	\$ 40.62	\$ 155.67	\$ 56.41	\$ 5,750.24	\$ 2,535.64	\$ -	\$ 14,339.56
39	Ryman Auditorium	\$ 2,237.13	\$ 2,559.60	\$ 112.11	\$ 347.42	\$ 885.22	\$ 247.95	\$ 17.29	\$ -	\$ 43.25	\$ 151.00	\$ -	\$ 6,334.83	\$ 4,788.15	\$ -	\$ 17,723.95
40	Sommet Center	\$ 23,597.21	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 5,907.64	\$ 1,654.75	\$ 183.92	\$ -	\$ 460.07	\$ -	\$ -	\$ 46,855.95	\$ 28,129.22	\$ -	\$ 138,903.95
41	LP Field	\$ 10,068.27	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 1,549.72	\$ 434.10	\$ 87.51	\$ -	\$ 218.89	\$ -	\$ 126.63	\$ 21,126.30	\$ -	\$ -	\$ 48,893.14
43	Hume Fogg School	\$ 3,352.98	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 578.37	\$ 162.01	\$ 24.98	\$ -	\$ 62.50	\$ -	\$ 46.05	\$ 4,323.14	\$ 2,974.46	\$ -	\$ 15,886.54
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 984.17	\$ 275.66	\$ 35.98	\$ -	\$ -	\$ -	\$ -	\$ 7,285.64	\$ 5,120.65	\$ -	\$ 26,650.10
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,040.55	\$ 291.48	\$ 55.99	\$ -	\$ -	\$ -	\$ 57.53	\$ 14,184.68	\$ 0.29	\$ -	\$ 21,498.06
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 349.84	\$ 98.00	\$ 31.83	\$ -	\$ -	\$ -	\$ -	\$ 4,769.19	\$ -	\$ -	\$ 17,596.86
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 13,001.02	\$ 3,641.68	\$ -	\$ -	\$ 1,694.83	\$ -	\$ 3,704.47	\$ 122,855.80	\$ 45,417.68	\$ -	\$ 417,835.31
Grand Totals:		\$ 343,632.75	\$ 263,297.63	\$ 7,549.97	\$ 23,397.51	\$ 40,397.29	\$ 11,315.64	\$ 1,346.91	\$ -	\$ 4,607.70	\$ 5,652.26	\$ 7,553.55	\$ 389,389.04	\$ 134,737.26	\$ -	\$ 1,232,877.51
Rate Calculation Totals:		\$ 385,705.89	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 40,409.97	\$ 11,318.21	\$ 1,855.83	\$ -	\$ 4,642.06	\$ 5,652.26	\$ 7,553.55	\$ 389,512.88	\$ 134,777.89	\$ -	\$ 1,396,359.53
Deviation:		\$ (42,073.14)	\$ (102,314.94)	\$ (4,481.78)	\$ (13,889.16)	\$ (12.68)	\$ (2.57)	\$ (508.92)	\$ -	\$ (34.36)	\$ -	\$ -	\$ (123.84)	\$ (40.63)	\$ -	\$ (163,482.02)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

October, 09

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Micro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,087.07	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 1,401.77	\$ 731.84	\$ 95.67	\$ -	\$ 239.82	\$ -	\$ 1,452.73	\$ 16,254.13	\$ 16,689.04	\$ -	\$ 66,655.56
4	Metro Courthouse	\$ 6,195.40	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 385.30	\$ 201.16	\$ 44.65	\$ -	\$ 111.90	\$ -	\$ 790.78	\$ 5,056.93	\$ 3,518.39	\$ -	\$ 24,098.70
7	Parkway Towers	\$ 5,648.20	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 589.72	\$ 307.89	\$ 43.31	\$ -	\$ 108.55	\$ 603.92	\$ 8.41	\$ 7,492.19	\$ 5,834.38	\$ -	\$ 28,198.44
9	Wachovia	\$ 2,081.89	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 242.58	\$ 126.65	\$ 15.69	\$ -	\$ 39.35	\$ 217.00	\$ 62.45	\$ 2,851.43	\$ 2,818.06	\$ -	\$ 11,195.97
10	401 Union	\$ 2,877.56	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ -	\$ -	\$ 22.48	\$ -	\$ 56.34	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,145.18
11	Sheraton Hotel	\$ 11,917.77	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 1,153.73	\$ 602.35	\$ 86.99	\$ -	\$ 218.06	\$ 1,047.50	\$ -	\$ 11,245.37	\$ 17,605.08	\$ -	\$ 59,065.39
12	Municipal Auditorium	\$ 5,980.72	\$ 6,842.76	\$ 299.70	\$ 928.80	\$ 49.60	\$ 25.89	\$ 46.22	\$ -	\$ 115.87	\$ -	\$ -	\$ 900.54	\$ -	\$ -	\$ 15,190.10
21	Hermitage Hotel	\$ 5,756.48	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 363.05	\$ 189.54	\$ 40.80	\$ -	\$ 102.25	\$ 235.83	\$ 397.48	\$ 4,728.48	\$ 3,381.20	\$ -	\$ 22,316.90
24	Criminal Justice Center	\$ 9,733.67	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 1,022.47	\$ 533.81	\$ 67.08	\$ -	\$ 168.13	\$ -	\$ 523.19	\$ 13,716.38	\$ 8,797.94	\$ -	\$ 46,272.04
25	501 Union Association	\$ 2,269.64	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 175.00	\$ 91.36	\$ 16.45	\$ -	\$ 41.22	\$ 198.17	\$ 149.82	\$ 2,411.47	\$ 1,390.01	\$ -	\$ 9,614.10
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 323.81	\$ 169.06	\$ 58.63	\$ -	\$ -	\$ -	\$ 61.10	\$ 4,131.28	\$ 3,172.05	\$ -	\$ 28,788.33
29	Fifth Third Financial Center	\$ 6,936.33	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 341.81	\$ 178.45	\$ 60.85	\$ -	\$ 152.51	\$ 669.92	\$ 502.27	\$ 6,206.51	\$ -	\$ -	\$ 25,674.54
32	Renaissance Hotel	\$ 14,296.96	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 1,732.48	\$ 904.49	\$ 101.45	\$ -	\$ 254.31	\$ 1,245.58	\$ -	\$ 20,726.71	\$ 19,469.05	\$ -	\$ 76,442.81
33	Convention Center	\$ 17,604.25	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 1,537.75	\$ 802.83	\$ 128.43	\$ -	\$ 321.94	\$ -	\$ -	\$ 20,757.82	\$ 12,997.96	\$ -	\$ 76,574.64
34	Renaissance Office Tower	\$ 1,695.84	\$ 2,202.56	\$ 96.45	\$ 298.89	\$ 94.97	\$ 49.58	\$ 14.88	\$ -	\$ 37.29	\$ 193.50	\$ -	\$ 1,724.40	\$ -	\$ -	\$ 6,408.36
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,652.81	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 593.99	\$ 310.10	\$ 49.59	\$ -	\$ 124.29	\$ 641.67	\$ -	\$ 10,785.48	\$ -	\$ -	\$ 26,817.58
38	Wildhorse Saloon	\$ 2,104.31	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 335.58	\$ 175.20	\$ 16.24	\$ -	\$ 40.71	\$ 155.67	\$ 56.18	\$ 3,796.80	\$ 4,166.54	\$ -	\$ 13,683.06
39	Ryman Auditorium	\$ 2,216.52	\$ 2,559.60	\$ 112.11	\$ 347.42	\$ 378.86	\$ 197.80	\$ 17.29	\$ -	\$ 43.34	\$ 151.00	\$ -	\$ 4,399.61	\$ 4,498.79	\$ -	\$ 14,922.34
40	Sommet Center	\$ 23,379.89	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 3,484.27	\$ 1,819.06	\$ 183.92	\$ -	\$ 461.02	\$ -	\$ 305.76	\$ 47,511.68	\$ 28,582.87	\$ -	\$ 137,843.66
41	LP Field	\$ 9,975.54	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 409.36	\$ 213.71	\$ 87.51	\$ -	\$ 219.34	\$ -	\$ -	\$ 7,432.95	\$ -	\$ -	\$ 33,620.13
43	Hume Fogg School	\$ 3,322.11	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 192.13	\$ 100.31	\$ 24.98	\$ -	\$ 62.63	\$ -	\$ 65.58	\$ 2,269.01	\$ 2,212.84	\$ -	\$ 12,611.64
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 447.58	\$ 233.68	\$ 35.98	\$ -	\$ -	\$ -	\$ -	\$ 5,383.83	\$ 4,977.06	\$ -	\$ 24,026.13
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 614.43	\$ 320.77	\$ 55.99	\$ -	\$ -	\$ -	\$ 84.23	\$ 11,135.81	\$ 37.66	\$ -	\$ 18,116.43
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 158.15	\$ 82.56	\$ 31.83	\$ -	\$ -	\$ -	\$ -	\$ 2,871.61	\$ -	\$ -	\$ 15,492.15
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 8,546.65	\$ 4,462.08	\$ -	\$ -	\$ 1,698.34	\$ -	\$ 4,954.23	\$ 105,013.15	\$ 91,029.59	\$ -	\$ 443,223.87
	Grand Totals:	\$ 342,213.06	\$ 263,297.63	\$ 7,549.97	\$ 23,397.51	\$ 24,575.04	\$ 12,830.17	\$ 1,346.91	\$ -	\$ 4,617.21	\$ 5,652.26	\$ 9,414.21	\$ 318,803.57	\$ 231,178.51	\$ -	\$ 1,244,876.05
	Rate Calculation Totals:	\$ 383,411.64	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 24,588.44	\$ 12,838.53	\$ 1,855.83	\$ -	\$ 4,651.63	\$ 5,652.26	\$ 9,414.21	\$ 318,905.13	\$ 231,435.54	\$ -	\$ 1,407,684.20
	Deviation:	\$ (41,198.58)	\$ (102,314.94)	\$ (4,481.78)	\$ (13,889.16)	\$ (13.40)	\$ (8.36)	\$ (508.92)	\$ -	\$ (34.42)	\$ -	\$ -	\$ (101.56)	\$ (257.03)	\$ -	\$ (162,808.15)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

November, 09

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Metro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,087.07	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 1,063.66	\$ 548.84	\$ 95.67	\$ 1,214.91	\$ 221.35	\$ -	\$ 770.51	\$ 10,827.89	\$ 18,706.46	\$ 41.18	\$ 63,281.03
4	Metro Courthouse	\$ 6,195.40	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 336.97	\$ 173.86	\$ 44.65	\$ 566.92	\$ 103.29	\$ -	\$ 441.70	\$ 3,749.62	\$ 4,980.64	\$ 10.96	\$ 24,398.20
7	Parkway Towers	\$ 5,648.20	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 569.46	\$ 293.84	\$ 43.31	\$ 549.95	\$ 100.20	\$ 603.92	\$ -	\$ 6,992.65	\$ 6,475.51	\$ 14.25	\$ 28,853.16
9	Wachovia	\$ 2,081.89	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 225.12	\$ 116.15	\$ 15.69	\$ 199.35	\$ 36.32	\$ 217.00	\$ 66.81	\$ 2,399.93	\$ 3,638.57	\$ 8.01	\$ 11,745.71
10	401 Union	\$ 2,877.56	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ -	\$ -	\$ 22.48	\$ 285.42	\$ 52.00	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,426.26
11	Sheraton Hotel	\$ 11,917.77	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 968.42	\$ 499.70	\$ 86.99	\$ 1,104.72	\$ 201.27	\$ 1,047.50	\$ -	\$ 8,685.40	\$ 20,503.67	\$ 45.13	\$ 60,249.11
12	Municipal Auditorium	\$ 5,980.72	\$ 6,842.76	\$ 299.70	\$ 928.80	\$ 14.43	\$ 7.45	\$ 46.22	\$ 586.99	\$ 106.95	\$ -	\$ -	\$ 16.79	\$ 639.00	\$ 1.41	\$ 15,471.22
21	Hermitage Hotel	\$ 5,756.48	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 305.27	\$ 157.51	\$ 40.80	\$ 518.03	\$ 94.38	\$ 235.83	\$ 366.91	\$ 3,682.38	\$ 3,666.94	\$ 8.07	\$ 21,954.39
24	Criminal Justice Center	\$ 9,733.67	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 1,113.85	\$ 574.73	\$ 67.08	\$ 851.76	\$ 155.18	\$ -	\$ 536.60	\$ 12,837.49	\$ 15,152.89	\$ 33.35	\$ 52,765.97
25	501 Union Association	\$ 2,269.64	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 172.87	\$ 89.20	\$ 16.45	\$ 208.81	\$ 38.05	\$ 198.17	\$ 159.18	\$ 2,079.35	\$ 2,094.52	\$ 4.61	\$ 10,201.81
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 348.90	\$ 180.03	\$ 58.63	\$ 744.43	\$ -	\$ -	\$ 101.84	\$ 3,321.01	\$ 6,819.06	\$ 15.01	\$ 32,461.31
29	Fifth Third Financial Center	\$ 6,936.33	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 324.11	\$ 167.23	\$ 60.85	\$ 772.62	\$ 140.77	\$ 669.92	\$ 478.36	\$ 5,224.98	\$ -	\$ -	\$ 25,401.06
32	Renaissance Hotel	\$ 14,296.96	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 1,581.25	\$ 815.92	\$ 101.45	\$ 1,288.32	\$ 234.72	\$ 1,245.58	\$ -	\$ 17,479.15	\$ 23,717.63	\$ 52.21	\$ 78,524.97
33	Convention Center	\$ 17,604.25	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 1,319.43	\$ 680.81	\$ 128.43	\$ 1,630.97	\$ 297.16	\$ -	\$ -	\$ 16,362.87	\$ 14,527.06	\$ 31.98	\$ 75,006.62
34	Renaissance Office Tower	\$ 1,695.84	\$ 2,202.56	\$ 96.45	\$ 298.89	\$ 126.46	\$ 65.25	\$ 14.88	\$ 188.90	\$ 34.42	\$ 193.50	\$ -	\$ 2,038.70	\$ -	\$ -	\$ 6,955.85
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,652.81	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 535.75	\$ 276.43	\$ 49.59	\$ 629.65	\$ 114.72	\$ 641.67	\$ -	\$ 8,636.68	\$ -	\$ -	\$ 25,196.95
38	Wildhorse Saloon	\$ 2,104.31	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 285.84	\$ 147.49	\$ 16.24	\$ 206.24	\$ 37.57	\$ 155.67	\$ 64.21	\$ 2,703.47	\$ 5,637.80	\$ 12.41	\$ 14,207.08
39	Ryman Auditorium	\$ 2,216.52	\$ 2,559.60	\$ 112.11	\$ 347.42	\$ 316.35	\$ 163.23	\$ 17.29	\$ 219.57	\$ 40.00	\$ 151.00	\$ -	\$ 3,434.49	\$ 4,930.00	\$ 10.85	\$ 14,518.43
40	Sommet Center	\$ 23,379.89	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 3,106.33	\$ 1,602.82	\$ 183.92	\$ 2,335.55	\$ 425.52	\$ -	\$ 535.07	\$ 39,277.86	\$ 31,967.41	\$ 70.36	\$ 134,999.92
41	LP Field	\$ 9,975.54	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 218.04	\$ 112.50	\$ 87.51	\$ 1,111.16	\$ 202.44	\$ -	\$ -	\$ 3,515.03	\$ -	\$ -	\$ 30,503.94
43	Hume Fogg School	\$ 3,322.11	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 175.23	\$ 90.41	\$ 24.98	\$ 317.25	\$ 57.80	\$ -	\$ 98.61	\$ 1,675.46	\$ 3,402.23	\$ 7.49	\$ 13,533.62
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 358.16	\$ 184.81	\$ 35.98	\$ 456.86	\$ -	\$ -	\$ -	\$ 3,948.62	\$ 5,403.14	\$ 11.89	\$ 23,347.46
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 545.89	\$ 281.67	\$ 55.99	\$ 710.91	\$ -	\$ -	\$ 26.71	\$ 8,661.76	\$ 410.13	\$ 0.90	\$ 16,561.50
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 137.77	\$ 71.08	\$ 31.83	\$ 404.14	\$ -	\$ -	\$ -	\$ 2,220.91	\$ -	\$ -	\$ 15,213.73
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 7,767.78	\$ 4,008.10	\$ -	\$ 8,603.91	\$ 1,567.57	\$ -	\$ 5,025.46	\$ 85,350.02	\$ 118,034.15	\$ 259.84	\$ 458,136.66
Grand Totals:		\$ 342,213.06	\$ 263,297.63	\$ 7,549.97	\$ 23,397.51	\$ 21,917.34	\$ 11,309.06	\$ 1,346.91	\$ 25,707.34	\$ 4,261.68	\$ 5,652.26	\$ 8,671.97	\$ 255,122.51	\$ 290,706.81	\$ 639.91	\$ 1,261,793.96
Rate Calculation Totals:		\$ 383,411.64	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 21,933.75	\$ 11,318.21	\$ 1,855.83	\$ 23,564.95	\$ 4,293.33	\$ 5,652.26	\$ 8,671.97	\$ 255,168.40	\$ 291,353.91	\$ 641.31	\$ 1,422,796.55
Deviation:		\$ (41,198.58)	\$ (102,314.94)	\$ (4,481.78)	\$ (13,889.16)	\$ (16.41)	\$ (9.15)	\$ (508.92)	\$ 2,142.39	\$ (31.65)	\$ -	\$ -	\$ (45.89)	\$ (647.10)	\$ (1.40)	\$ (161,002.59)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

December, 09

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Metro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,087.07	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 931.21	\$ 581.48	\$ 95.67	\$ -	\$ 226.10	\$ -	\$ 770.51	\$ 9,426.60	\$ 25,108.05	\$ -	\$ 66,930.18
4	Metro Courthouse	\$ 6,195.40	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 265.72	\$ 165.93	\$ 44.65	\$ -	\$ 105.50	\$ -	\$ 448.82	\$ 2,571.37	\$ 7,808.32	\$ -	\$ 25,399.90
7	Parkway Towers	\$ 5,648.20	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 533.56	\$ 333.18	\$ 43.31	\$ -	\$ 102.35	\$ 603.92	\$ 100.90	\$ 5,848.78	\$ 11,956.48	\$ -	\$ 32,732.55
9	Wachovia	\$ 2,081.89	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 224.20	\$ 140.00	\$ 15.69	\$ -	\$ 37.10	\$ 217.00	\$ 101.66	\$ 2,423.79	\$ 5,207.99	\$ -	\$ 13,190.19
10	401 Union	\$ 2,877.56	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ -	\$ -	\$ 22.48	\$ -	\$ 53.12	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,141.96
11	Sheraton Hotel	\$ 11,917.77	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 915.16	\$ 571.46	\$ 86.99	\$ -	\$ 205.60	\$ 1,047.50	\$ 159.76	\$ 8,298.47	\$ 29,919.03	\$ -	\$ 68,310.28
12	Municipal Auditorium	\$ 5,980.72	\$ 6,842.76	\$ 299.70	\$ 928.80	\$ 97.17	\$ 60.68	\$ 46.22	\$ -	\$ 109.25	\$ -	\$ -	\$ 218.36	\$ 6,775.61	\$ -	\$ 21,359.27
21	Hermitage Hotel	\$ 5,756.48	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 345.15	\$ 215.52	\$ 40.80	\$ -	\$ 96.40	\$ 235.83	\$ 366.91	\$ 3,955.59	\$ 6,799.03	\$ -	\$ 24,933.50
24	Criminal Justice Center	\$ 9,733.67	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 1,139.15	\$ 711.32	\$ 67.08	\$ -	\$ 158.52	\$ -	\$ 536.60	\$ 13,695.74	\$ 18,963.33	\$ -	\$ 56,714.78
25	501 Union Association	\$ 2,269.64	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 176.17	\$ 110.01	\$ 16.45	\$ -	\$ 38.87	\$ 198.17	\$ 70.90	\$ 2,107.26	\$ 2,991.30	\$ -	\$ 10,849.73
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 363.57	\$ 227.03	\$ 58.63	\$ -	\$ -	\$ -	\$ 258.00	\$ 2,564.67	\$ 15,861.54	\$ -	\$ 40,205.84
29	Fifth Third Financial Center	\$ 6,936.33	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 309.79	\$ 193.43	\$ 60.85	\$ -	\$ 143.79	\$ 669.92	\$ 406.60	\$ 4,674.20	\$ -	\$ -	\$ 24,020.80
32	Renaissance Hotel	\$ 14,296.96	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 1,329.04	\$ 829.89	\$ 101.45	\$ -	\$ 239.77	\$ 1,245.58	\$ -	\$ 14,430.40	\$ 30,532.32	\$ -	\$ 80,717.19
33	Convention Center	\$ 17,604.25	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 1,058.37	\$ 660.87	\$ 128.43	\$ -	\$ 303.53	\$ -	\$ 42.81	\$ 12,728.04	\$ 17,599.28	\$ -	\$ 72,549.24
34	Renaissance Office Tower	\$ 1,695.84	\$ 2,202.56	\$ 96.45	\$ 298.89	\$ 133.62	\$ 83.44	\$ 14.88	\$ -	\$ 35.15	\$ 193.50	\$ -	\$ 2,016.17	\$ -	\$ -	\$ 6,770.50
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,652.81	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 401.63	\$ 250.78	\$ 49.59	\$ -	\$ 117.18	\$ 641.67	\$ -	\$ 6,059.93	\$ -	\$ -	\$ 21,833.24
38	Wildhorse Saloon	\$ 2,104.31	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 211.04	\$ 131.78	\$ 16.24	\$ -	\$ 38.38	\$ 155.67	\$ 97.92	\$ 2,056.61	\$ 6,123.35	\$ -	\$ 13,771.13
39	Ryman Auditorium	\$ 2,216.52	\$ 2,559.60	\$ 112.11	\$ 347.42	\$ 214.44	\$ 133.90	\$ 17.29	\$ -	\$ 40.86	\$ 151.00	\$ -	\$ 2,072.43	\$ 6,316.13	\$ -	\$ 14,181.70
40	Sommet Center	\$ 23,379.89	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 2,841.68	\$ 1,774.41	\$ 183.92	\$ -	\$ 434.66	\$ -	\$ 917.27	\$ 35,865.35	\$ 38,071.35	\$ -	\$ 135,583.72
41	LP Field	\$ 9,975.54	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 91.64	\$ 57.22	\$ 87.51	\$ -	\$ 206.79	\$ -	\$ -	\$ 1,382.72	\$ -	\$ -	\$ 27,083.14
43	Hume Fogg School	\$ 3,322.11	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 249.14	\$ 155.58	\$ 24.98	\$ -	\$ 59.04	\$ -	\$ 119.25	\$ 2,306.22	\$ 7,889.93	\$ -	\$ 18,488.30
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 338.59	\$ 211.43	\$ 35.98	\$ -	\$ -	\$ -	\$ -	\$ 3,599.05	\$ 8,198.03	\$ -	\$ 25,331.08
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 472.17	\$ 294.84	\$ 55.99	\$ -	\$ -	\$ -	\$ 65.74	\$ 6,429.17	\$ 3,775.21	\$ -	\$ 16,960.66
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 63.01	\$ 39.34	\$ 31.83	\$ -	\$ -	\$ -	\$ -	\$ 950.72	\$ -	\$ -	\$ 13,432.90
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 7,838.85	\$ 4,894.79	\$ -	\$ -	\$ 1,601.22	\$ -	\$ 5,715.56	\$ 85,273.99	\$ 179,204.13	\$ -	\$ 512,048.37
Grand Totals:		\$ 342,213.06	\$ 263,297.63	\$ 7,549.97	\$ 23,397.51	\$ 20,544.07	\$ 12,828.31	\$ 1,346.91	\$ -	\$ 4,353.18	\$ 5,652.26	\$ 10,179.21	\$ 230,955.63	\$ 429,100.41	\$ -	\$ 1,351,418.15
Rate Calculation Totals:		\$ 383,411.64	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 20,559.45	\$ 12,838.53	\$ 1,855.83	\$ -	\$ 4,385.47	\$ 5,652.26	\$ 10,179.21	\$ 231,007.74	\$ 430,076.81	\$ -	\$ 1,514,897.93
Deviation:		\$ (41,198.58)	\$ (102,314.94)	\$ (4,481.78)	\$ (13,889.16)	\$ (15.38)	\$ (10.22)	\$ (508.92)	\$ -	\$ (32.29)	\$ -	\$ -	\$ (52.11)	\$ (976.40)	\$ -	\$ (163,479.78)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

January, 10

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Metro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,087.07	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 1,170.61	\$ 735.43	\$ 95.67	\$ -	\$ 234.41	\$ -	\$ 1,067.47	\$ 13,344.59	\$ 34,368.63	\$ 411.05	\$ 81,218.42
4	Metro Courthouse	\$ 6,195.40	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 323.70	\$ 209.29	\$ 44.65	\$ -	\$ 109.39	\$ -	\$ 626.92	\$ 3,468.77	\$ 12,157.04	\$ 145.40	\$ 31,074.75
7	Parkway Towers	\$ 5,648.20	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 575.19	\$ 356.09	\$ 43.31	\$ -	\$ 106.11	\$ 603.92	\$ 201.80	\$ 6,753.62	\$ 14,528.22	\$ 173.76	\$ 36,552.09
9	Wachovia	\$ 2,081.89	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 191.93	\$ 122.70	\$ 15.69	\$ -	\$ 38.47	\$ 217.00	\$ -	\$ 2,109.04	\$ 6,582.08	\$ 78.72	\$ 14,178.39
10	401 Union	\$ 2,877.56	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ 1.23	\$ 1.00	\$ 22.48	\$ -	\$ 55.07	\$ 264.17	\$ -	\$ 5.42	\$ 139.50	\$ 1.67	\$ 7,292.73
11	Sheraton Hotel	\$ 11,917.77	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 954.51	\$ 623.64	\$ 86.99	\$ -	\$ 213.15	\$ 1,047.50	\$ 137.97	\$ 9,987.30	\$ 38,746.03	\$ 463.40	\$ 79,366.80
12	Municipal Auditorium	\$ 6,055.47	\$ 6,905.11	\$ 302.44	\$ 937.27	\$ 141.88	\$ 115.76	\$ 46.64	\$ -	\$ 114.29	\$ -	\$ -	\$ 624.26	\$ 16,078.33	\$ 192.30	\$ 31,513.75
21	Hermitage Hotel	\$ 5,756.48	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 385.09	\$ 237.21	\$ 40.80	\$ -	\$ 99.95	\$ 235.83	\$ 357.74	\$ 4,565.97	\$ 9,192.44	\$ 109.94	\$ 28,103.24
24	Criminal Justice Center	\$ 9,733.67	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 1,244.69	\$ 747.58	\$ 67.08	\$ -	\$ 164.34	\$ -	\$ 465.06	\$ 15,471.46	\$ 21,158.78	\$ 253.06	\$ 61,015.09
25	501 Union Association	\$ 2,269.64	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 284.69	\$ 172.00	\$ 16.45	\$ -	\$ 40.29	\$ 198.17	\$ 16.05	\$ 3,500.87	\$ 5,292.98	\$ 63.30	\$ 14,725.40
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 354.36	\$ 244.55	\$ 58.61	\$ -	\$ -	\$ -	\$ 13.58	\$ 3,222.21	\$ 20,209.67	\$ 241.71	\$ 45,217.09
29	Fifth Third Financial Center	\$ 6,936.33	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 309.98	\$ 174.40	\$ 60.85	\$ -	\$ 149.08	\$ 669.92	\$ 175.40	\$ 4,292.28	\$ -	\$ -	\$ 23,394.13
32	Renaissance Hotel	\$ 14,296.96	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 1,201.03	\$ 756.73	\$ 101.45	\$ -	\$ 248.57	\$ 1,245.58	\$ -	\$ 13,609.72	\$ 36,240.84	\$ 433.44	\$ 85,846.10
33	Convention Center	\$ 17,604.25	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 1,179.03	\$ 720.87	\$ 128.43	\$ -	\$ 314.68	\$ -	\$ -	\$ 14,180.68	\$ 25,735.98	\$ 307.80	\$ 82,595.38
34	Renaissance Office Tower	\$ 1,695.84	\$ 2,202.56	\$ 96.45	\$ 298.89	\$ 239.14	\$ 134.55	\$ 14.88	\$ -	\$ 36.45	\$ 193.50	\$ -	\$ 3,311.46	\$ -	\$ -	\$ 8,223.72
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,652.81	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 492.37	\$ 277.02	\$ 49.59	\$ -	\$ 121.49	\$ 641.67	\$ -	\$ 6,817.88	\$ -	\$ -	\$ 22,712.48
38	Wildhorse Saloon	\$ 2,104.31	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 190.02	\$ 122.49	\$ 16.24	\$ -	\$ 39.80	\$ 155.67	\$ 72.24	\$ 2,050.39	\$ 6,968.55	\$ 83.34	\$ 14,638.88
39	Ryman Auditorium	\$ 2,247.49	\$ 2,585.42	\$ 113.24	\$ 350.93	\$ 193.49	\$ 127.44	\$ 17.47	\$ -	\$ 42.79	\$ 151.00	\$ -	\$ 1,986.55	\$ 8,310.58	\$ 99.39	\$ 16,225.79
40	Sommet Center	\$ 23,379.89	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 2,174.51	\$ 1,299.53	\$ 183.92	\$ -	\$ 450.64	\$ -	\$ 1,223.03	\$ 27,272.31	\$ 34,048.19	\$ 407.22	\$ 122,554.43
41	LP Field	\$ 9,975.54	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 77.71	\$ 43.72	\$ 87.51	\$ -	\$ 214.40	\$ -	\$ -	\$ 1,076.04	\$ -	\$ -	\$ 26,756.64
43	Hume Fogg School	\$ 3,322.11	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 246.43	\$ 160.48	\$ 24.98	\$ -	\$ 61.21	\$ -	\$ 121.54	\$ 2,598.12	\$ 9,767.15	\$ 116.82	\$ 20,780.89
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 334.58	\$ 213.65	\$ 35.97	\$ -	\$ -	\$ -	\$ -	\$ 3,685.75	\$ 11,363.57	\$ 135.91	\$ 28,717.43
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 528.02	\$ 311.48	\$ 55.96	\$ -	\$ -	\$ -	\$ 162.31	\$ 6,774.63	\$ 6,441.14	\$ 77.04	\$ 20,218.12
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 57.60	\$ 32.40	\$ 31.83	\$ -	\$ -	\$ -	\$ -	\$ 797.54	\$ -	\$ -	\$ 13,267.37
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 7,829.84	\$ 4,888.96	\$ -	\$ -	\$ 1,660.06	\$ -	\$ 5,245.05	\$ 90,380.49	\$ 216,405.81	\$ 2,588.23	\$ 556,518.27
Grand Totals:		\$ 342,318.78	\$ 263,385.80	\$ 7,553.84	\$ 23,409.49	\$ 20,681.63	\$ 12,828.97	\$ 1,347.45	\$ -	\$ 4,514.64	\$ 5,652.26	\$ 9,886.16	\$ 241,887.35	\$ 533,735.51	\$ 6,383.50	\$ 1,473,585.38
Rate Calculation Totals:		\$ 383,411.64	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 20,693.95	\$ 12,838.53	\$ 1,855.83	\$ -	\$ 4,546.81	\$ 5,652.26	\$ 9,886.16	\$ 241,957.85	\$ 534,939.52	\$ 6,397.90	\$ 1,637,111.44
Deviation:		\$ (41,092.86)	\$ (102,226.77)	\$ (4,477.91)	\$ (13,877.18)	\$ (12.32)	\$ (9.56)	\$ (508.38)	\$ -	\$ (32.17)	\$ -	\$ -	\$ (70.50)	\$ (1,204.01)	\$ (14.40)	\$ (163,526.06)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

February, 10

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Metro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,087.07	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 1,300.41	\$ 782.79	\$ 95.67	\$ -	\$ 217.56	\$ -	\$ 1,557.07	\$ 13,383.17	\$ 33,465.00	\$ 283.76	\$ 80,875.99
4	Metro Courthouse	\$ 6,195.40	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 437.33	\$ 262.95	\$ 44.65	\$ -	\$ 101.52	\$ -	\$ 662.55	\$ 4,516.07	\$ 11,115.45	\$ 94.25	\$ 31,224.36
7	Parkway Towers	\$ 5,648.20	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 585.52	\$ 346.29	\$ 43.31	\$ -	\$ 98.48	\$ 603.92	\$ 63.06	\$ 6,340.18	\$ 12,225.66	\$ 103.66	\$ 33,620.15
9	Wachovia	\$ 2,081.89	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 254.10	\$ 151.94	\$ 15.69	\$ -	\$ 35.70	\$ 217.00	\$ 4.36	\$ 2,666.84	\$ 6,070.32	\$ 51.47	\$ 14,290.18
10	401 Union	\$ 2,877.56	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ -	\$ -	\$ 22.48	\$ -	\$ 51.12	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,139.96
11	Sheraton Hotel	\$ 11,917.77	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 1,013.53	\$ 625.24	\$ 86.99	\$ -	\$ 197.84	\$ 1,047.50	\$ 65.36	\$ 9,660.18	\$ 33,052.67	\$ 280.26	\$ 73,135.88
12	Municipal Auditorium	\$ 6,055.47	\$ 6,905.11	\$ 302.44	\$ 937.27	\$ 143.97	\$ 106.12	\$ 46.64	\$ -	\$ 106.07	\$ -	\$ -	\$ 490.24	\$ 12,671.47	\$ 107.44	\$ 27,872.24
21	Hermitage Hotel	\$ 5,756.48	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 399.36	\$ 235.45	\$ 40.80	\$ -	\$ 92.76	\$ 235.83	\$ 366.91	\$ 4,361.71	\$ 8,000.40	\$ 67.84	\$ 26,679.33
24	Criminal Justice Center	\$ 9,733.67	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 1,397.07	\$ 804.92	\$ 67.08	\$ -	\$ 152.53	\$ -	\$ 527.66	\$ 16,214.72	\$ 19,340.23	\$ 163.99	\$ 60,111.24
25	501 Union Association	\$ 2,269.64	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 234.36	\$ 136.52	\$ 16.45	\$ -	\$ 37.40	\$ 198.17	\$ 141.79	\$ 2,643.56	\$ 3,934.92	\$ 33.37	\$ 12,517.14
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 209.34	\$ 146.79	\$ 58.61	\$ -	\$ -	\$ -	\$ -	\$ 1,096.23	\$ 14,958.44	\$ 126.84	\$ 37,468.65
29	Fifth Third Financial Center	\$ 6,936.33	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 352.10	\$ 192.28	\$ 60.85	\$ -	\$ 138.36	\$ 669.92	\$ -	\$ 4,625.42	\$ -	\$ -	\$ 23,601.15
32	Renaissance Hotel	\$ 14,296.96	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 1,147.20	\$ 701.98	\$ 101.45	\$ -	\$ 230.71	\$ 1,245.58	\$ -	\$ 11,225.25	\$ 34,779.31	\$ 294.90	\$ 81,735.12
33	Convention Center	\$ 17,604.25	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 1,291.70	\$ 755.21	\$ 128.43	\$ -	\$ 292.07	\$ -	\$ -	\$ 14,431.30	\$ 22,949.55	\$ 194.60	\$ 80,070.77
34	Renaissance Office Tower	\$ 1,695.84	\$ 2,202.56	\$ 96.45	\$ 298.89	\$ 264.78	\$ 144.59	\$ 14.88	\$ -	\$ 33.83	\$ 193.50	\$ -	\$ 3,478.29	\$ -	\$ -	\$ 8,423.61
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,652.81	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 531.25	\$ 290.12	\$ 49.59	\$ -	\$ 112.76	\$ 641.67	\$ 12.99	\$ 6,978.91	\$ -	\$ -	\$ 22,929.75
38	Wildhorse Saloon	\$ 2,104.31	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 185.59	\$ 113.72	\$ 16.24	\$ -	\$ 36.94	\$ 155.67	\$ 67.42	\$ 1,807.98	\$ 5,699.16	\$ 48.32	\$ 13,071.18
39	Ryman Auditorium	\$ 2,247.49	\$ 2,585.42	\$ 113.24	\$ 350.93	\$ 187.68	\$ 117.78	\$ 17.47	\$ -	\$ 39.72	\$ 151.00	\$ -	\$ 1,687.09	\$ 7,040.70	\$ 59.70	\$ 14,598.22
40	Sommet Center	\$ 23,379.89	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 2,418.32	\$ 1,397.32	\$ 183.92	\$ -	\$ 418.26	\$ -	\$ 1,280.36	\$ 27,863.39	\$ 35,323.21	\$ 299.52	\$ 124,679.38
41	LP Field	\$ 9,975.54	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 73.64	\$ 40.21	\$ 87.51	\$ -	\$ 198.99	\$ -	\$ -	\$ 967.34	\$ -	\$ -	\$ 26,624.95
43	Hume Fogg School	\$ 3,322.11	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 234.59	\$ 144.96	\$ 24.98	\$ -	\$ 56.82	\$ -	\$ 133.00	\$ 2,223.23	\$ 7,764.58	\$ 65.84	\$ 18,332.16
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 352.20	\$ 212.45	\$ 35.97	\$ -	\$ -	\$ -	\$ -	\$ 3,602.46	\$ 9,265.03	\$ 78.56	\$ 26,494.67
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 557.01	\$ 315.59	\$ 55.96	\$ -	\$ -	\$ -	\$ 102.72	\$ 6,736.33	\$ 5,254.69	\$ 44.56	\$ 18,934.40
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 64.91	\$ 35.45	\$ 31.83	\$ -	\$ -	\$ -	\$ -	\$ 852.74	\$ -	\$ -	\$ 13,332.93
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 8,033.06	\$ 4,769.05	\$ -	\$ -	\$ 1,540.75	\$ -	\$ 5,962.78	\$ 86,061.01	\$ 176,073.32	\$ 1,492.98	\$ 511,452.78
Grand Totals:		\$ 342,318.78	\$ 263,385.80	\$ 7,553.84	\$ 23,409.49	\$ 21,669.02	\$ 12,829.72	\$ 1,347.45	\$ -	\$ 4,190.19	\$ 5,652.26	\$ 10,948.03	\$ 233,913.64	\$ 458,984.11	\$ 3,891.86	\$ 1,390,094.19
Rate Calculation Totals:		\$ 383,411.64	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 21,681.20	\$ 12,838.53	\$ 1,855.83	\$ -	\$ 4,220.04	\$ 5,652.26	\$ 10,948.03	\$ 233,974.07	\$ 459,886.63	\$ 3,899.51	\$ 1,553,298.73
Deviation:		\$ (41,092.86)	\$ (102,226.77)	\$ (4,477.91)	\$ (13,877.18)	\$ (12.18)	\$ (8.81)	\$ (508.38)	\$ -	\$ (29.85)	\$ -	\$ -	\$ (60.43)	\$ (902.52)	\$ (7.65)	\$ (163,204.54)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

March, 10

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Metro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,087.07	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 1,728.14	\$ 635.47	\$ 95.67	\$ -	\$ 222.90	\$ -	\$ 1,545.83	\$ 13,047.91	\$ 28,131.27	\$ -	\$ 75,197.75
4	Metro Courthouse	\$ 6,195.40	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 530.16	\$ 189.33	\$ 44.65	\$ -	\$ 104.02	\$ -	\$ 743.05	\$ 4,430.26	\$ 6,477.55	\$ -	\$ 26,508.61
7	Parkway Towers	\$ 5,648.20	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 756.24	\$ 267.22	\$ 43.31	\$ -	\$ 100.90	\$ 603.92	\$ -	\$ 6,535.60	\$ 8,150.31	\$ -	\$ 29,667.57
9	Wachovia	\$ 2,081.89	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 348.14	\$ 125.69	\$ 15.69	\$ -	\$ 36.57	\$ 217.00	\$ -	\$ 2,806.08	\$ 4,773.22	\$ -	\$ 13,145.15
10	401 Union	\$ 2,877.56	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ -	\$ -	\$ 22.48	\$ -	\$ 52.36	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,141.20
11	Sheraton Hotel	\$ 11,917.77	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 1,288.02	\$ 483.56	\$ 86.99	\$ -	\$ 202.69	\$ 1,047.50	\$ 7.26	\$ 8,970.48	\$ 24,767.56	\$ -	\$ 63,960.37
12	Municipal Auditorium	\$ 6,055.47	\$ 6,905.11	\$ 302.44	\$ 937.27	\$ 36.85	\$ 16.41	\$ 46.64	\$ -	\$ 108.68	\$ -	\$ -	\$ 60.88	\$ 1,694.55	\$ -	\$ 16,164.30
21	Hermitage Hotel	\$ 5,756.48	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 461.64	\$ 164.14	\$ 40.80	\$ -	\$ 95.05	\$ 235.83	\$ 363.85	\$ 3,912.77	\$ 5,362.70	\$ -	\$ 23,515.05
24	Criminal Justice Center	\$ 9,733.67	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 1,586.82	\$ 553.73	\$ 67.08	\$ -	\$ 156.27	\$ -	\$ 527.66	\$ 14,244.75	\$ 14,427.29	\$ -	\$ 53,006.64
25	501 Union Association	\$ 2,269.64	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 275.90	\$ 96.80	\$ 16.45	\$ -	\$ 38.32	\$ 198.17	\$ 137.25	\$ 2,436.53	\$ 2,711.15	\$ -	\$ 11,051.17
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 463.90	\$ 175.75	\$ 58.61	\$ -	\$ -	\$ -	\$ 285.15	\$ 3,109.95	\$ 9,529.37	\$ -	\$ 34,495.13
29	Fifth Third Financial Center	\$ 6,936.33	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 487.03	\$ 158.39	\$ 60.85	\$ -	\$ 141.76	\$ 669.92	\$ -	\$ 5,251.11	\$ -	\$ -	\$ 24,331.28
32	Renaissance Hotel	\$ 14,296.96	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 2,108.96	\$ 762.93	\$ 101.45	\$ -	\$ 236.36	\$ 1,245.58	\$ -	\$ 16,879.80	\$ 29,512.60	\$ -	\$ 82,856.42
33	Convention Center	\$ 17,604.25	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 2,113.21	\$ 734.37	\$ 128.43	\$ -	\$ 299.24	\$ -	\$ -	\$ 19,201.01	\$ 18,050.36	\$ -	\$ 80,554.53
34	Renaissance Office Tower	\$ 1,695.84	\$ 2,202.56	\$ 96.45	\$ 298.89	\$ 246.04	\$ 80.01	\$ 14.88	\$ -	\$ 34.66	\$ 193.50	\$ -	\$ 2,652.73	\$ -	\$ -	\$ 7,515.56
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,652.81	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 787.45	\$ 256.09	\$ 49.59	\$ -	\$ 115.53	\$ 641.67	\$ -	\$ 8,490.15	\$ -	\$ -	\$ 24,652.94
38	Wildhorse Saloon	\$ 2,104.31	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 328.00	\$ 119.93	\$ 16.24	\$ -	\$ 37.84	\$ 155.67	\$ 63.57	\$ 2,528.66	\$ 5,076.78	\$ -	\$ 13,266.83
39	Ryman Auditorium	\$ 2,247.49	\$ 2,585.42	\$ 113.24	\$ 350.93	\$ 390.18	\$ 142.04	\$ 17.47	\$ -	\$ 40.69	\$ 151.00	\$ -	\$ 3,055.50	\$ 5,799.59	\$ -	\$ 14,893.55
40	Sommet Center	\$ 23,379.89	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 5,381.12	\$ 1,873.69	\$ 183.92	\$ -	\$ 428.52	\$ -	\$ 622.98	\$ 48,615.50	\$ 47,366.25	\$ -	\$ 159,967.06
41	LP Field	\$ 9,975.54	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 253.11	\$ 82.31	\$ 87.51	\$ -	\$ 203.87	\$ -	\$ -	\$ 2,729.01	\$ -	\$ -	\$ 28,613.07
43	Hume Fogg School	\$ 3,322.11	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 280.40	\$ 104.62	\$ 24.98	\$ -	\$ 58.20	\$ -	\$ 130.71	\$ 2,002.50	\$ 5,142.06	\$ -	\$ 15,427.63
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 535.41	\$ 191.24	\$ 35.97	\$ -	\$ -	\$ -	\$ -	\$ 4,471.22	\$ 6,555.88	\$ -	\$ 24,737.72
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 847.45	\$ 279.78	\$ 55.96	\$ -	\$ -	\$ -	\$ 10.27	\$ 8,820.07	\$ 1,597.17	\$ -	\$ 17,478.24
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 130.65	\$ 42.49	\$ 31.83	\$ -	\$ -	\$ -	\$ -	\$ 1,408.70	\$ -	\$ -	\$ 13,961.67
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 10,602.72	\$ 3,774.30	\$ -	\$ -	\$ 1,578.58	\$ -	\$ 5,558.64	\$ 89,522.80	\$ 124,897.42	\$ -	\$ 463,454.29
Grand Totals:		\$ 342,318.78	\$ 263,385.80	\$ 7,553.84	\$ 23,409.49	\$ 31,967.54	\$ 11,310.29	\$ 1,347.45	\$ -	\$ 4,293.01	\$ 5,652.26	\$ 9,996.22	\$ 275,183.97	\$ 350,023.08	\$ -	\$ 1,326,441.73
Rate Calculation Totals:		\$ 383,411.64	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 31,984.59	\$ 11,318.21	\$ 1,855.83	\$ -	\$ 4,323.63	\$ 5,652.26	\$ 9,996.22	\$ 275,241.07	\$ 350,660.58	\$ -	\$ 1,489,375.02
Deviation:		\$ (41,092.86)	\$ (102,226.77)	\$ (4,477.91)	\$ (13,877.18)	\$ (17.05)	\$ (7.92)	\$ (508.38)	\$ -	\$ (30.62)	\$ -	\$ -	\$ (57.10)	\$ (637.50)	\$ -	\$ (162,933.29)

**Metro Nashville District Energy System
FY 09 - 10**

Chilled Water and Steam Revenues

April, 10

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Metro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,087.07	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 2,322.77	\$ 696.39	\$ 95.67	\$ -	\$ 236.47	\$ -	\$ 1,621.28	\$ 15,790.01	\$ 18,428.73	\$ -	\$ 68,981.88
4	Metro Courthouse	\$ 6,195.40	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 614.79	\$ 172.87	\$ 44.65	\$ -	\$ 110.35	\$ -	\$ 748.03	\$ 5,344.11	\$ 2,337.21	\$ -	\$ 23,361.60
7	Parkway Towers	\$ 5,648.20	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 716.69	\$ 197.65	\$ 43.31	\$ -	\$ 107.04	\$ 603.92	\$ -	\$ 6,622.90	\$ 1,867.22	\$ -	\$ 23,368.80
9	Wachovia	\$ 2,081.89	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 499.95	\$ 147.28	\$ 15.69	\$ -	\$ 38.80	\$ 217.00	\$ -	\$ 3,663.88	\$ 3,387.93	\$ -	\$ 12,793.29
10	401 Union	\$ 2,877.56	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ -	\$ -	\$ 22.48	\$ -	\$ 55.55	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,144.39
11	Sheraton Hotel	\$ 11,917.77	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 1,773.84	\$ 534.87	\$ 86.99	\$ -	\$ 215.02	\$ 1,047.50	\$ -	\$ 11,747.84	\$ 14,751.04	\$ -	\$ 57,263.41
12	Municipal Auditorium	\$ 6,055.47	\$ 6,905.11	\$ 302.44	\$ 937.27	\$ 58.03	\$ 15.57	\$ 46.64	\$ -	\$ 115.29	\$ -	\$ -	\$ 579.90	\$ 55.90	\$ -	\$ 15,071.62
21	Hermitage Hotel	\$ 5,756.48	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 553.81	\$ 159.62	\$ 40.80	\$ -	\$ 100.83	\$ 235.83	\$ 363.85	\$ 4,417.52	\$ 2,970.12	\$ -	\$ 21,720.65
24	Criminal Justice Center	\$ 9,733.67	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 1,273.96	\$ 358.57	\$ 67.08	\$ -	\$ 165.79	\$ -	\$ 536.60	\$ 11,036.75	\$ 4,923.96	\$ -	\$ 39,805.75
25	501 Union Association	\$ 2,269.64	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 249.09	\$ 68.46	\$ 16.45	\$ -	\$ 40.64	\$ 198.17	\$ 144.47	\$ 2,326.10	\$ 596.08	\$ -	\$ 8,780.06
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 734.75	\$ 205.00	\$ 58.61	\$ -	\$ -	\$ -	\$ 135.79	\$ 6,549.26	\$ 2,438.75	\$ -	\$ 30,994.56
29	Fifth Third Financial Center	\$ 6,936.33	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 674.30	\$ 178.04	\$ 60.85	\$ -	\$ 150.38	\$ 669.92	\$ -	\$ 7,036.62	\$ -	\$ -	\$ 26,332.33
32	Renaissance Hotel	\$ 14,296.96	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 2,646.99	\$ 796.76	\$ 101.45	\$ -	\$ 250.75	\$ 1,245.58	\$ -	\$ 17,673.79	\$ 21,699.55	\$ -	\$ 76,423.61
33	Convention Center	\$ 17,604.25	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 2,593.22	\$ 730.77	\$ 128.43	\$ -	\$ 317.44	\$ -	\$ -	\$ 22,376.35	\$ 10,218.49	\$ -	\$ 76,392.61
34	Renaissance Office Tower	\$ 1,695.84	\$ 2,202.56	\$ 96.45	\$ 298.89	\$ 461.43	\$ 121.83	\$ 14.88	\$ -	\$ 36.77	\$ 193.50	\$ -	\$ 4,815.22	\$ -	\$ -	\$ 9,937.37
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,652.81	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 1,160.26	\$ 306.34	\$ 49.59	\$ -	\$ 122.55	\$ 641.67	\$ -	\$ 12,107.74	\$ -	\$ -	\$ 28,700.61
38	Wildhorse Saloon	\$ 2,104.31	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 489.90	\$ 141.74	\$ 16.24	\$ -	\$ 40.14	\$ 155.67	\$ 73.84	\$ 3,852.35	\$ 2,748.04	\$ -	\$ 12,458.06
39	Ryman Auditorium	\$ 2,247.49	\$ 2,585.42	\$ 113.24	\$ 350.93	\$ 640.44	\$ 190.07	\$ 17.47	\$ -	\$ 43.17	\$ 151.00	\$ -	\$ 4,550.88	\$ 4,651.05	\$ -	\$ 15,541.16
40	Sommet Center	\$ 23,379.89	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 5,234.12	\$ 1,503.06	\$ 183.92	\$ -	\$ 454.58	\$ -	\$ 496.86	\$ 42,310.63	\$ 26,849.12	\$ -	\$ 132,527.37
41	LP Field	\$ 9,975.54	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 915.85	\$ 241.81	\$ 87.51	\$ -	\$ 216.27	\$ -	\$ -	\$ 9,557.24	\$ -	\$ -	\$ 36,275.94
43	Hume Fogg School	\$ 3,322.11	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 522.40	\$ 156.90	\$ 24.98	\$ -	\$ 61.75	\$ -	\$ 94.02	\$ 3,522.12	\$ 4,208.02	\$ -	\$ 16,274.35
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 679.29	\$ 205.40	\$ 35.97	\$ -	\$ -	\$ -	\$ -	\$ 4,440.51	\$ 5,776.21	\$ -	\$ 24,085.38
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,346.92	\$ 358.75	\$ 55.96	\$ -	\$ -	\$ -	\$ 4.11	\$ 13,738.51	\$ 691.73	\$ -	\$ 22,063.52
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 336.92	\$ 88.96	\$ 31.83	\$ -	\$ -	\$ -	\$ -	\$ 3,515.89	\$ -	\$ -	\$ 16,321.60
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 12,931.89	\$ 3,735.15	\$ -	\$ -	\$ 1,674.63	\$ -	\$ 4,933.79	\$ 102,342.39	\$ 71,121.07	\$ -	\$ 424,258.75
	Grand Totals:	\$ 342,318.78	\$ 263,385.80	\$ 7,553.84	\$ 23,409.49	\$ 39,431.61	\$ 11,311.86	\$ 1,347.45	\$ -	\$ 4,554.21	\$ 5,652.26	\$ 9,152.64	\$ 319,918.51	\$ 199,720.22	\$ -	\$ 1,227,756.67
	Rate Calculation Totals:	\$ 383,411.64	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 39,453.29	\$ 11,318.21	\$ 1,855.83	\$ -	\$ 4,586.63	\$ 5,652.26	\$ 9,152.64	\$ 320,006.09	\$ 200,022.78	\$ -	\$ 1,390,390.36
	Deviation:	\$ (41,092.86)	\$ (102,226.77)	\$ (4,477.91)	\$ (13,877.18)	\$ (21.68)	\$ (6.35)	\$ (508.38)	\$ -	\$ (32.42)	\$ -	\$ -	\$ (87.58)	\$ (302.56)	\$ -	\$ (162,633.69)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

May, 10

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Micro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,087.07	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 2,746.88	\$ 881.71	\$ 95.67	\$ -	\$ 194.92	\$ -	\$ 1,460.75	\$ 20,558.62	\$ 15,075.71	\$ -	\$ 70,804.82
4	Metro Courthouse	\$ 6,195.40	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 797.34	\$ 236.37	\$ 44.65	\$ -	\$ 90.95	\$ -	\$ 662.55	\$ 7,863.93	\$ 1,912.69	\$ -	\$ 25,598.07
7	Parkway Towers	\$ 5,648.20	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 614.92	\$ 170.58	\$ 43.31	\$ -	\$ 88.24	\$ 603.92	\$ -	\$ 7,200.31	\$ -	\$ -	\$ 21,931.35
9	Wachovia	\$ 2,081.89	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 622.64	\$ 196.13	\$ 15.69	\$ -	\$ 31.98	\$ 217.00	\$ -	\$ 5,020.89	\$ 2,948.55	\$ -	\$ 13,875.64
10	401 Union	\$ 2,877.56	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ -	\$ -	\$ 22.48	\$ -	\$ 45.79	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,134.63
11	Sheraton Hotel	\$ 11,917.77	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 1,865.13	\$ 589.56	\$ 86.99	\$ -	\$ 177.25	\$ 1,047.50	\$ -	\$ 14,843.31	\$ 9,087.97	\$ -	\$ 54,804.02
12	Municipal Auditorium	\$ 6,055.47	\$ 6,905.11	\$ 302.44	\$ 937.27	\$ 166.10	\$ 46.67	\$ 46.64	\$ -	\$ 95.04	\$ -	\$ -	\$ 1,887.40	\$ 74.72	\$ -	\$ 16,516.86
21	Hermitage Hotel	\$ 5,756.48	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 643.13	\$ 192.55	\$ 40.80	\$ -	\$ 83.11	\$ 235.83	\$ 388.31	\$ 6,159.84	\$ 1,780.58	\$ -	\$ 22,402.42
24	Criminal Justice Center	\$ 9,733.67	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 1,389.83	\$ 412.71	\$ 67.08	\$ -	\$ 136.66	\$ -	\$ 491.89	\$ 13,640.33	\$ 3,421.24	\$ -	\$ 41,002.78
25	501 Union Association	\$ 2,269.64	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 237.65	\$ 66.63	\$ 16.45	\$ -	\$ 33.50	\$ 198.17	\$ 129.76	\$ 2,714.36	\$ 88.68	\$ -	\$ 8,625.80
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 754.70	\$ 209.36	\$ 58.61	\$ -	\$ -	\$ -	\$ 47.53	\$ 8,836.98	\$ -	\$ -	\$ 30,779.58
29	Fifth Third Financial Center	\$ 6,936.33	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 755.68	\$ 209.63	\$ 60.85	\$ -	\$ 123.96	\$ 669.92	\$ -	\$ 8,848.51	\$ -	\$ -	\$ 28,230.77
32	Renaissance Hotel	\$ 14,296.96	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 2,635.12	\$ 839.77	\$ 101.45	\$ -	\$ 206.70	\$ 1,245.58	\$ -	\$ 20,310.19	\$ 13,698.59	\$ -	\$ 71,046.14
33	Convention Center	\$ 17,604.25	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 2,908.09	\$ 874.36	\$ 128.43	\$ -	\$ 261.68	\$ -	\$ -	\$ 27,493.33	\$ 8,519.55	\$ -	\$ 80,213.35
34	Renaissance Office Tower	\$ 1,695.84	\$ 2,202.56	\$ 96.45	\$ 298.89	\$ 496.63	\$ 137.77	\$ 14.88	\$ -	\$ 30.31	\$ 193.50	\$ -	\$ 5,815.17	\$ -	\$ -	\$ 10,982.00
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,652.81	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 1,342.02	\$ 372.28	\$ 49.59	\$ -	\$ 101.02	\$ 641.67	\$ -	\$ 15,714.15	\$ -	\$ -	\$ 32,533.19
38	Wildhorse Saloon	\$ 2,104.31	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 187.48	\$ 56.43	\$ 16.24	\$ -	\$ 33.09	\$ 155.67	\$ 62.60	\$ 1,766.40	\$ 557.12	\$ -	\$ 7,775.17
39	Ryman Auditorium	\$ 2,247.49	\$ 2,585.42	\$ 113.24	\$ 350.93	\$ 763.95	\$ 240.37	\$ 17.47	\$ -	\$ 35.59	\$ 151.00	\$ -	\$ 6,187.08	\$ 3,583.01	\$ -	\$ 16,275.55
40	Sommet Center	\$ 23,379.89	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 6,385.03	\$ 2,044.29	\$ 183.92	\$ -	\$ 374.72	\$ -	\$ -	\$ 48,291.67	\$ 34,388.46	\$ -	\$ 147,163.17
41	LP Field	\$ 9,975.54	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 1,252.75	\$ 347.52	\$ 87.51	\$ -	\$ 178.27	\$ -	\$ 194.92	\$ 14,668.80	\$ -	\$ -	\$ 41,987.03
43	Hume Fogg School	\$ 3,322.11	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 243.70	\$ 69.47	\$ 24.98	\$ -	\$ 50.90	\$ -	\$ 71.09	\$ 2,672.44	\$ 235.24	\$ -	\$ 11,051.98
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35.97	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,983.97
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,459.64	\$ 416.75	\$ 55.96	\$ -	\$ -	\$ -	\$ 2.05	\$ 15,943.31	\$ 1,491.35	\$ -	\$ 25,236.60
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 396.80	\$ 110.07	\$ 31.83	\$ -	\$ -	\$ -	\$ -	\$ 4,646.27	\$ -	\$ -	\$ 17,532.97
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 13,489.69	\$ 4,112.33	\$ -	\$ -	\$ 1,380.43	\$ -	\$ 4,659.55	\$ 122,061.72	\$ 46,625.78	\$ -	\$ 419,849.33
	Grand Totals:	\$ 342,318.78	\$ 263,385.80	\$ 7,553.84	\$ 23,409.49	\$ 42,154.90	\$ 12,833.31	\$ 1,347.45	\$ -	\$ 3,754.11	\$ 5,652.26	\$ 8,171.00	\$ 383,145.01	\$ 143,489.24	\$ -	\$ 1,237,215.19
	Rate Calculation Totals:	\$ 383,411.64	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 42,172.78	\$ 12,838.53	\$ 1,855.83	\$ -	\$ 3,780.79	\$ 5,652.26	\$ 8,171.00	\$ 383,267.18	\$ 143,602.08	\$ -	\$ 1,399,683.08
	Deviation:	\$ (41,092.86)	\$ (102,226.77)	\$ (4,477.91)	\$ (13,877.18)	\$ (17.88)	\$ (5.22)	\$ (508.38)	\$ -	\$ (26.68)	\$ -	\$ -	\$ (122.17)	\$ (112.84)	\$ -	\$ (162,467.89)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

June, 10

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Micro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ 13,087.07	\$ 14,160.85	\$ 620.30	\$ 1,922.34	\$ 4,008.33	\$ 835.32	\$ 95.67	\$ -	\$ 231.25	\$ -	\$ 1,187.87	\$ 25,367.21	\$ 12,764.08	\$ -	\$ 74,280.29
4	Metro Courthouse	\$ 6,195.40	\$ 6,607.71	\$ 289.45	\$ 897.03	\$ 1,051.03	\$ 219.04	\$ 44.65	\$ -	\$ 107.91	\$ -	\$ 573.49	\$ 11,006.90	\$ 1,193.88	\$ -	\$ 28,186.49
7	Parkway Towers	\$ 5,648.20	\$ 6,410.89	\$ 280.79	\$ 870.19	\$ 745.60	\$ 155.39	\$ 43.31	\$ -	\$ 104.68	\$ 603.92	\$ -	\$ 9,521.48	\$ -	\$ -	\$ 24,384.45
9	Wachovia	\$ 2,081.89	\$ 2,323.67	\$ 101.78	\$ 315.42	\$ 963.75	\$ 200.84	\$ 15.69	\$ -	\$ 37.94	\$ 217.00	\$ -	\$ 7,098.38	\$ 2,575.00	\$ -	\$ 15,931.36
10	401 Union	\$ 2,877.56	\$ 3,327.29	\$ 145.73	\$ 451.61	\$ -	\$ -	\$ 22.48	\$ -	\$ 54.33	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,143.17
11	Sheraton Hotel	\$ 11,917.77	\$ 12,876.49	\$ 564.05	\$ 1,748.00	\$ 3,445.89	\$ 718.11	\$ 86.99	\$ -	\$ 210.28	\$ 1,047.50	\$ 101.66	\$ 22,876.72	\$ 10,444.61	\$ -	\$ 66,038.07
12	Municipal Auditorium	\$ 6,055.47	\$ 6,905.11	\$ 302.44	\$ 937.27	\$ 382.90	\$ 79.80	\$ 46.64	\$ -	\$ 112.75	\$ -	\$ 376.08	\$ 4,726.74	\$ 80.56	\$ -	\$ 20,005.76
21	Hermitage Hotel	\$ 5,756.48	\$ 6,037.63	\$ 264.49	\$ 819.67	\$ 956.88	\$ 199.41	\$ 40.80	\$ -	\$ 98.60	\$ 235.83	\$ 336.33	\$ 8,168.88	\$ 2,002.47	\$ -	\$ 24,917.47
24	Criminal Justice Center	\$ 9,733.67	\$ 9,926.74	\$ 434.89	\$ 1,347.74	\$ 1,830.71	\$ 381.52	\$ 67.08	\$ -	\$ 162.13	\$ -	\$ 527.66	\$ 15,739.49	\$ 3,776.40	\$ -	\$ 43,928.03
25	501 Union Association	\$ 2,269.64	\$ 2,433.93	\$ 106.62	\$ 330.41	\$ 257.73	\$ 53.71	\$ 16.45	\$ -	\$ 39.75	\$ 198.17	\$ 116.38	\$ 3,291.28	\$ -	\$ -	\$ 9,114.07
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 1,272.57	\$ 265.22	\$ 58.68	\$ -	\$ -	\$ -	\$ 13.58	\$ 16,251.11	\$ -	\$ -	\$ 38,733.56
29	Fifth Third Financial Center	\$ 6,936.33	\$ 9,008.89	\$ 394.48	\$ 1,222.52	\$ 1,151.03	\$ 239.89	\$ 60.85	\$ -	\$ 147.07	\$ 669.92	\$ -	\$ 14,698.97	\$ -	\$ -	\$ 34,529.95
32	Renaissance Hotel	\$ 14,296.96	\$ 15,015.49	\$ 657.79	\$ 2,038.50	\$ 3,403.84	\$ 709.36	\$ 101.45	\$ -	\$ 245.22	\$ 1,245.58	\$ -	\$ 27,590.86	\$ 7,848.75	\$ -	\$ 73,153.80
33	Convention Center	\$ 17,604.25	\$ 19,010.26	\$ 832.74	\$ 2,580.66	\$ 2,727.65	\$ 568.45	\$ 128.43	\$ -	\$ 310.44	\$ -	\$ -	\$ 27,888.13	\$ 3,433.04	\$ -	\$ 75,084.05
34	Renaissance Office Tower	\$ 2,015.06	\$ 2,617.16	\$ 114.60	\$ 355.15	\$ 579.89	\$ 120.86	\$ 17.68	\$ -	\$ 42.72	\$ 193.50	\$ -	\$ 7,405.34	\$ -	\$ -	\$ 13,461.96
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,652.81	\$ 7,341.86	\$ 321.49	\$ 996.30	\$ 1,643.96	\$ 342.62	\$ 49.59	\$ -	\$ 119.85	\$ 641.67	\$ -	\$ 20,993.81	\$ -	\$ -	\$ 38,103.96
38	Wildhorse Saloon	\$ 2,104.31	\$ 2,404.19	\$ 105.31	\$ 326.33	\$ 1,025.36	\$ 213.69	\$ 16.24	\$ -	\$ 39.26	\$ 155.67	\$ 57.79	\$ 8,609.23	\$ 2,217.04	\$ -	\$ 17,274.42
39	Ryman Auditorium	\$ 2,247.49	\$ 2,585.42	\$ 113.24	\$ 350.93	\$ 1,335.58	\$ 278.33	\$ 17.47	\$ -	\$ 42.22	\$ 151.00	\$ -	\$ 8,728.25	\$ 4,116.65	\$ -	\$ 19,966.58
40	Sommet Center	\$ 23,379.89	\$ 27,227.18	\$ 1,192.48	\$ 3,695.53	\$ 5,720.92	\$ 1,192.24	\$ 183.92	\$ -	\$ 444.57	\$ -	\$ 38.22	\$ 46,391.80	\$ 13,182.05	\$ -	\$ 122,648.80
41	LP Field	\$ 9,975.54	\$ 12,956.22	\$ 567.33	\$ 1,758.17	\$ 2,766.97	\$ 576.67	\$ 87.51	\$ -	\$ 211.50	\$ -	\$ 316.46	\$ 35,334.96	\$ -	\$ -	\$ 64,551.33
43	Hume Fogg School	\$ 3,322.11	\$ 3,698.08	\$ 161.99	\$ 501.98	\$ 293.61	\$ 61.19	\$ 24.98	\$ -	\$ 60.39	\$ -	\$ 69.71	\$ 3,749.45	\$ -	\$ -	\$ 11,943.49
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 573.91	\$ 119.61	\$ 36.02	\$ -	\$ -	\$ -	\$ -	\$ 7,329.00	\$ -	\$ -	\$ 21,006.54
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,788.73	\$ 372.78	\$ 56.02	\$ -	\$ -	\$ -	\$ 78.07	\$ 18,727.94	\$ 2,034.06	\$ -	\$ 28,925.14
49	Viridian Residential	\$ 10,536.96	\$ -	\$ -	\$ -	\$ 560.50	\$ 116.82	\$ 27.20	\$ -	\$ -	\$ -	\$ -	\$ 7,157.76	\$ -	\$ -	\$ 18,399.24
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 19,464.84	\$ 4,056.49	\$ -	\$ -	\$ 1,637.73	\$ -	\$ 3,195.50	\$ 164,582.05	\$ 41,519.43	\$ -	\$ 461,975.87
	Grand Totals:	\$ 340,826.96	\$ 263,800.40	\$ 7,571.99	\$ 23,465.75	\$ 57,952.18	\$ 12,077.36	\$ 1,345.80	\$ -	\$ 4,460.59	\$ 5,652.26	\$ 6,988.80	\$ 523,235.74	\$ 107,188.02	\$ -	\$ 1,354,565.85
	Rate Calculation Totals:	\$ 383,411.64	\$ 365,612.57	\$ 12,031.75	\$ 37,286.67	\$ 57,963.53	\$ 12,078.37	\$ 1,855.83	\$ -	\$ 4,485.50	\$ 5,652.26	\$ 6,988.80	\$ 523,380.37	\$ 107,188.03	\$ -	\$ 1,517,935.32
	Deviation:	\$ (42,584.68)	\$ (101,812.17)	\$ (4,459.76)	\$ (13,820.92)	\$ (11.35)	\$ (1.01)	\$ (510.03)	\$ -	\$ (24.91)	\$ -	\$ -	\$ (144.63)	\$ (0.01)	\$ -	\$ (163,369.47)

Metro Nashville District Energy System
FY 09 - 10

Chilled Water and Steam Revenues

True Up

Customer Number	Customer Name	Capacity	Operating	EDS Improvement	Metro Incremental	Water And Sewer	Chemical Treatment	Engineering	Insurance	EDS Electricity	EDS Maint Costs Alloc	TIFS	Electricity	Natural Gas	Propane	Total
2	A. A. Birch	\$ -	\$ -	\$ -	\$ (6,563.38)	\$ (413.81)	\$ 938.95	\$ (1,274.89)	\$ -	\$ -	\$ -	\$ -	\$ (977.57)	\$ (423.47)	\$ -	\$ (8,714.17)
4	Metro Courthouse	\$ -	\$ -	\$ -	\$ (3,062.69)	\$ (154.27)	\$ 307.35	\$ (594.91)	\$ -	\$ -	\$ -	\$ -	\$ (363.50)	\$ (107.78)	\$ -	\$ (3,975.80)
7	Parkway Towers	\$ -	\$ -	\$ -	\$ (2,971.06)	\$ (177.54)	\$ 350.93	\$ (577.11)	\$ -	\$ -	\$ -	\$ -	\$ (418.27)	\$ (120.77)	\$ -	\$ (3,913.82)
9	Wachovia	\$ -	\$ -	\$ -	\$ (1,274.68)	\$ (86.68)	\$ 188.99	\$ (247.60)	\$ -	\$ -	\$ -	\$ -	\$ (204.58)	\$ (79.69)	\$ -	\$ (1,704.24)
10	401 Union	\$ -	\$ -	\$ -	\$ (1,541.94)	\$ -	\$ 0.24	\$ (299.51)	\$ -	\$ -	\$ -	\$ -	\$ (0.01)	\$ (0.27)	\$ -	\$ (1,841.49)
11	Sheraton Hotel	\$ -	\$ -	\$ -	\$ (5,968.12)	\$ (322.72)	\$ 810.44	\$ (1,159.27)	\$ -	\$ -	\$ -	\$ -	\$ (764.09)	\$ (421.99)	\$ -	\$ (7,825.75)
12	Municipal Auditorium	\$ -	\$ -	\$ -	\$ (3,204.87)	\$ (32.99)	\$ 110.95	\$ (622.53)	\$ -	\$ -	\$ -	\$ -	\$ (78.73)	\$ (76.11)	\$ -	\$ (3,904.28)
21	Hermitage Hotel	\$ -	\$ -	\$ -	\$ (2,798.57)	\$ (130.78)	\$ 262.30	\$ (543.61)	\$ -	\$ -	\$ -	\$ -	\$ (308.19)	\$ (93.43)	\$ -	\$ (3,612.28)
24	Criminal Justice Center	\$ -	\$ -	\$ -	\$ (5,084.22)	\$ (334.55)	\$ 665.84	\$ (987.58)	\$ -	\$ -	\$ -	\$ -	\$ (788.27)	\$ (232.93)	\$ -	\$ (6,761.71)
25	501 Union Association	\$ -	\$ -	\$ -	\$ (1,128.12)	\$ (65.13)	\$ 123.07	\$ (219.14)	\$ -	\$ -	\$ -	\$ -	\$ (153.34)	\$ (37.64)	\$ -	\$ (1,480.30)
28	Sun Trust Bank	\$ -	\$ -	\$ -	\$ -	\$ (174.20)	\$ 366.51	\$ (768.64)	\$ -	\$ -	\$ -	\$ -	\$ (410.90)	\$ (144.52)	\$ -	\$ (1,131.75)
29	Fifth Third Financial Center	\$ -	\$ -	\$ -	\$ (4,173.99)	\$ (194.17)	\$ 271.21	\$ (810.77)	\$ -	\$ -	\$ -	\$ -	\$ (454.96)	\$ -	\$ -	\$ (5,362.68)
32	Renaissance Hotel	\$ -	\$ -	\$ -	\$ (6,959.96)	\$ (470.12)	\$ 1,027.54	\$ (1,351.93)	\$ -	\$ -	\$ -	\$ -	\$ (1,109.71)	\$ (435.14)	\$ -	\$ (9,299.32)
33	Convention Center	\$ -	\$ -	\$ -	\$ (8,811.07)	\$ (507.65)	\$ 933.82	\$ (1,711.49)	\$ -	\$ -	\$ -	\$ -	\$ (1,194.44)	\$ (263.66)	\$ -	\$ (11,554.49)
34	Renaissance Office Tower	\$ -	\$ -	\$ -	\$ (1,404.67)	\$ (90.62)	\$ 126.58	\$ (272.85)	\$ -	\$ -	\$ -	\$ -	\$ (212.33)	\$ -	\$ -	\$ (1,853.89)
35	St. Mary of the Seven	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Nashville City Center	\$ -	\$ -	\$ -	\$ (3,453.65)	\$ (321.55)	\$ 449.14	\$ (670.85)	\$ -	\$ -	\$ -	\$ -	\$ (753.43)	\$ -	\$ -	\$ (4,750.34)
38	Wildhorse Saloon	\$ -	\$ -	\$ -	\$ (1,046.15)	\$ (103.11)	\$ 215.61	\$ (203.21)	\$ -	\$ -	\$ -	\$ -	\$ (243.18)	\$ (83.98)	\$ -	\$ (1,464.02)
39	Ryman Auditorium	\$ -	\$ -	\$ -	\$ (1,100.50)	\$ (120.81)	\$ 264.90	\$ (213.77)	\$ -	\$ -	\$ -	\$ -	\$ (285.19)	\$ (112.81)	\$ -	\$ (1,568.18)
40	Sommet Center	\$ -	\$ -	\$ -	\$ (12,617.52)	\$ (975.35)	\$ 1,894.68	\$ (2,450.87)	\$ -	\$ -	\$ -	\$ -	\$ (2,297.12)	\$ (624.51)	\$ -	\$ (17,070.69)
41	LP Field	\$ -	\$ -	\$ -	\$ (7,335.51)	\$ (333.82)	\$ 466.29	\$ (1,424.87)	\$ -	\$ -	\$ -	\$ -	\$ (782.19)	\$ -	\$ -	\$ (9,410.10)
43	Hume Fogg School	\$ -	\$ -	\$ -	\$ (1,713.91)	\$ (76.42)	\$ 187.81	\$ (332.91)	\$ -	\$ -	\$ -	\$ -	\$ (180.85)	\$ (95.11)	\$ -	\$ (2,211.39)
44	Schermerhorn Symphony	\$ -	\$ -	\$ -	\$ -	\$ (115.98)	\$ 264.99	\$ (471.26)	\$ -	\$ -	\$ -	\$ -	\$ (274.02)	\$ (120.83)	\$ -	\$ (717.10)
45	Nashville Public Library	\$ -	\$ -	\$ -	\$ -	\$ (302.92)	\$ 458.17	\$ (734.50)	\$ -	\$ -	\$ -	\$ -	\$ (710.55)	\$ (41.12)	\$ -	\$ (1,330.92)
49	Viridian Residential	\$ -	\$ -	\$ -	\$ -	\$ (91.07)	\$ 127.21	\$ (414.48)	\$ -	\$ -	\$ -	\$ -	\$ (213.39)	\$ -	\$ -	\$ (591.73)
51	State Government of TN	\$ -	\$ -	\$ -	\$ -	\$ (2,721.81)	\$ 5,661.55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (6,418.54)	\$ (2,181.89)	\$ -	\$ (5,660.69)
	Grand Totals:	\$ -	\$ -	\$ -	\$ (82,214.58)	\$ (8,318.07)	\$ 16,475.07	\$ (18,358.55)	\$ -	\$ -	\$ -	\$ -	\$ (19,597.35)	\$ (5,697.65)	\$ -	\$ (117,711.13)
	Rate Calculation Totals:	\$ -	\$ -	\$ -	\$ (127,306.56)	\$ (8,320.18)	\$ 16,501.29	\$ (24,728.40)	\$ -	\$ -	\$ -	\$ -	\$ (19,602.94)	\$ (5,707.55)	\$ -	\$ (169,164.34)
	Deviation:	\$ -	\$ -	\$ -	\$ 45,091.98	\$ 2.11	\$ (26.22)	\$ 6,369.85	\$ -	\$ -	\$ -	\$ -	\$ 5.59	\$ 9.90	\$ -	\$ 51,453.21

Appendix 4

CEPS INVOICE RECONCILIATION - FY 2009 -2010

FINALIZE FUEL EFFICIENCY ADJUSTMENTS

SUMMARY	ELECTRIC FEA	FUEL GAS FEA	WATER FEA	System TOTAL	Include FEA in INVOICE (YES/NO) YES
STEAM SYSTEM	\$16,168.95	#VALUE!	\$502.55	#VALUE!	
CHILLED WATER SYSTEM	\$238,527.44	\$0.00	\$103,253.14	\$341,780.58	
TOTAL	\$254,696.39	#VALUE!	\$103,755.69	#VALUE!	

ELECTRICITY-TO-STEAM CONVERSION

CONTRACTUAL GUARANTEE	6.000	kWh per mlb sold	CES PENALTY/BONUS CALCULATION	PENALTY	BONUS
Metering Inaccuracy Buffer	0%		RATE VARIANCE kWh per mlb sold	0.000	2.677
GUARANTEED MAX QUANTITY	6.000	kWh per mlb sold	STEAM SOLD 272,448 mlb		
CEPS FUEL EFFICIENCY ADJUSTME	6.000	kWh per mlb sold	VARIANCE in kWh = RATE VARIANCE x STEAM SOLD	0	729,251
CEPS ACTUAL CONVERSION RATE	3.323	kWh per mlb sold	AVERAGE ELECTRIC PRICE \$0.0887 / kWh		
			CEPS PENALTY / BONUS	\$0.00	\$16,168.95
NOTE: Penalty at 100% of variance and Bonus at 25% of variance					

FUEL GAS-TO-STEAM CONVERSION

CONTRACTUAL GUARANTEE (varies by Condensate Return, see below)	57%	of Send-out	CES PENALTY/BONUS CALCULATION	PENALTY	BONUS
Given Condensate Return at	164 °F	avg. Temp.	RATE VARIANCE Dth. per mlb sold	#VALUE!	#VALUE!
GUARANTEED MAX QUANTITY	#VALUE!	Dth.per mlb sold	STEAM SEND-OUT 333,071 mlb		
CEPS FUEL EFFICIENCY ADJUSTME	#VALUE!	Dth.per mlb sold	VARIANCE in Dth. = RATE VARIANCE x STEAM SOLD	#VALUE!	#VALUE!
CEPS ACTUAL CONVERSION RATE	1.418	Dth.per mlb sold	AVERAGE FUEL PRICE \$6.4976 / Dth.		
			CEPS PENALTY / BONUS	#VALUE!	#VALUE!
NOTE: Penalty at 100% of variance and Bonus at 25% of variance					

WATER-TO-STEAM CONVERSION

CONTRACTUAL GUARANTEE (varies by Plant Send-out, see below)	15%	gallons per cft	CES PENALTY/BONUS CALCULATION	PENALTY	BONUS
PLANT LOSSES	7.4805	gall per lb	VARIANCE in gallons = GMQ - CES ACTUAL USE	0	872,261
VOLUMETRIC CONVERSION	8.15585	gallons	AVERAGE WATER PRICE \$2.3046 / kGall		
CONDENSATE RETURN SPEC. VOL.	20,333,143	gallons	CEPS PENALTY / BONUS	\$0.00	\$502.55
GUARANTEED MAX QUANTITY	19,460,882	gallons	Average water price excludes sewer.		
CEPS ACTUAL USE					
NOTE: Penalty at 100% of variance and Bonus at 25% of variance					

ELECTRICITY-TO-CHILLED WATER CONVERSION

CONTRACTUAL GUARANTEE	1.055	kWh per ton-hr sold	CES PENALTY/BONUS CALCULATION	PENALTY	BONUS
Metering Inaccuracy Buffer	0%		RATE VARIANCE kWh per ton-hr sold	0.000	0.210
GUARANTEED MAX QUANTITY	1.055	kWh per ton-hr sold	CHILLED WATER SOLD 51,272,619 ton-hrs		
CEPS FUEL EFFICIENCY ADJUSTME	1.055	kWh per ton-hr sold	VARIANCE in kWh = RATE VARIANCE x CHW SOLD	0	10,758,048
CEPS ACTUAL CONVERSION RATE	0.845	kWh per ton-hr sold	AVERAGE ELECTRIC PRICE \$0.0887 / kWh		
			CEPS PENALTY / BONUS	\$0.00	\$238,527.44
NOTE: Penalty at 100% of variance and Bonus at 25% of variance					

WATER-TO-CHILLED WATER CONVERSION

CONTRACTUAL GUARANTEE	5.250	gall per ton-hr sold	CES PENALTY/BONUS CALCULATION	PENALTY	BONUS
Metering Inaccuracy Buffer	0%		RATE VARIANCE gall per ton-hr sold	0.000	3.495
GUARANTEED MAX QUANTITY	5.250	gall per ton-hr sold	CHILLED WATER SOLD 51,272,619 ton-hrs		
CEPS FUEL EFFICIENCY ADJUSTME	5.250	gall per ton-hr sold	VARIANCE in gallons = RATE VARIANCE x CHW SOLD	0	179,212,250
CEPS ACTUAL CONVERSION RATE	1.755	gall per ton-hr sold	AVERAGE WATER PRICE \$2.3046 / kGall		
			CEPS PENALTY / BONUS	\$0.00	\$103,253.14
NOTE: Penalty at 100% of variance and Bonus at 25% of variance					

COMPARISON PREVIOUSLY BILLED VS. RECONCILED AMOUNTS

STEAM SYSTEM				CHILLED WATER SYSTEM			
	CALCULATED	RECONCILED	VARIANCE		CALCULATED	RECONCILED	VARIANCE
ELECTRIC	\$18,667.77	\$16,168.95	(\$2,498.82)	ELECTRIC	\$262,124.08	\$238,527.44	(\$23,596.64)
FUEL GAS	\$111,750.17	#VALUE!	#VALUE!	FUEL GAS	\$0.00	\$0.00	\$0.00
WATER	\$383.83	\$502.55	\$118.73	WATER	\$103,182.84	\$103,253.14	\$70.30
TOTAL	\$130,801.77	#VALUE!	#VALUE!	TOTAL	\$365,306.92	\$341,780.58	(\$23,526.34)

COMPARISON AMOUNT COLLECTED BY METRO VS 97-13 CAP

FEA COLLECTED BY METRO				METRO PAID	METRO OWES
	STEAM	CHILLED WATER	TOTAL	CEPS	CUSTOMER
ELECTRIC	\$12,569.59	\$123,277.56	\$135,847.15		
FUEL GAS	\$62,992.85	\$0.00	\$62,992.85		
WATER	\$182.05	\$45,398.42	\$45,580.47		
TOTAL	\$75,744.49	\$168,675.98	\$244,420.47	\$211,679.80	\$32,740.67



NASHVILLE DISTRICT ENERGY, LLC

REV: 1
DATE: 09/21/10

NASHVILLE, TENNESSEE

CEPS INVOICE RECONCILIATION - FY 2009 -2010

SALES SUMMARY FROM CUSTOMER METER READS														
MONTH		7	8	9	10	11	12	1	2	3	4	5	6	TOTAL
STEAM SALES	Previously invoiced, lbs	6,229,188	6,508,138	9,395,932	22,123,794	25,528,496	42,457,542	50,173,443	44,541,705	32,745,558	16,242,925	9,619,353	6,881,556	272,447,630
	Reconciled, lbs	6,229,188	6,508,138	9,395,932	22,123,794	25,528,496	42,457,542	50,173,443	44,541,705	32,745,558	16,242,925	9,619,353	6,881,556	272,447,630
CHW SALES	Previously invoiced, ton-hrs	6,086,144	6,594,710	5,663,805	3,794,580	3,046,959	2,373,560	2,102,231	1,916,573	3,126,283	4,201,234	4,968,261	7,398,279	51,272,619
	Reconciled, ton-hrs	6,086,144	6,594,710	5,663,805	3,794,580	3,046,959	2,373,560	2,102,231	1,916,573	3,126,283	4,201,234	4,968,261	7,398,279	51,272,619
SUMMARY FROM CUSTOMER METER READS from INVOICES (paste link)														
START DATE		07/01/09	07/31/09	08/31/09	10/01/09	11/01/09	12/01/09	01/01/10	02/01/10	03/01/10	04/01/10	05/01/10	06/01/10	07/01/09
END DATE		07/31/09	08/31/09	09/30/09	10/31/09	11/30/09	12/31/09	01/31/10	02/28/10	03/31/10	04/30/10	05/31/10	06/30/10	06/30/10
CHW SALES	ton-hrs	6,086,144	6,594,710	5,663,805	3,794,580	3,046,959	2,373,560	2,102,231	1,916,573	3,126,283	4,201,234	4,968,261	7,398,279	51,272,619
CHW SENDOUT	ton-hrs	7,023,700	7,572,600	6,507,500	4,329,000	3,342,400	2,701,600	2,376,400	2,185,900	3,483,800	4,739,400	5,594,500	8,456,300	58,313,100
CHW ELECTRIC	kWh	5,077,513	5,602,754	4,753,702	3,069,226	2,353,528	1,894,888	1,726,589	1,590,948	2,406,300	3,283,160	4,153,612	6,485,506	42,397,726
CHW MUW	galls	11,331,000	12,649,000	10,046,000	6,145,000	4,881,000	3,295,000	2,856,000	2,555,000	4,669,000	7,804,000	9,010,000	14,728,000	89,969,000
STEAM SALES	mbs	6,229	6,508	9,396	22,124	25,528	42,458	50,173	44,542	32,746	16,243	9,619	6,882	272,448
STEAM SENDOUT	mbs	12,820	12,711	15,290	26,838	29,979	46,580	54,056	48,215	37,241	21,344	15,111	12,886	333,071
STEAM PRODUCTION	mbs	15,130	15,425	19,383	32,775	37,112	55,551	64,105	59,458	46,009	26,001	19,153	15,038	405,140
NATURAL GAS	mmBtu	17,576	17,990	22,099	37,774	42,519	66,578	76,321	68,385	53,120	30,050	21,795	17,283	471,490
PROPANE	mmBtu	0	0	0	0	58	0	379	231	0	0	0	0	668
STEAM ELECTRIC	kWh	53,388	51,016	52,862	65,328	76,701	115,734	120,907	109,213	91,351	53,081	43,609	47,280	880,470
CONDENSATE RETURN	galls	930,000	283,700	57,000	2,212,500	2,564,200	3,502,200	4,996,100	3,905,600	2,321,900	1,401,900	110,900	871,300	23,157,300
	mbs	7,585	2,314	465	18,045	20,913	28,563	40,747	31,853	18,937	11,434	904	7,106	188,866
	°F	177 °F	175 °F	157 °F	163 °F	159 °F	166 °F	161 °F	162 °F	163 °F	168 °F	167 °F	182 °F	164.1
STEAM MUW	galls	596,930	1,408,260	1,956,460	1,143,690	1,240,280	2,532,120	1,909,840	2,261,820	2,443,880	1,254,200	1,857,740	662,980	19,268,200
	mbs	4,982	11,752	16,327	9,544	10,351	21,131	15,938	18,876	20,395	10,467	15,503	5,533	160,799
Days in Service		31	32	31	31	30	31	31	28	31	30	31	30	367
Efficiency - Cooling	kWh/ton-hr-Sold	0.834	0.850	0.839	0.809	0.772	0.798	0.821	0.830	0.770	0.781	0.836	0.877	0.827
Efficiency - Heating	Dth/kib-Sendout	1.371	1.415	1.445	1.407	1.420	1.429	1.419	1.423	1.426	1.408	1.442	1.341	1.418

CEPS INVOICE RECONCILIATION - FY 2009 -2010

UTILITY INVOICES (Paste Link)

Month of Service	7	8	9	10	11	12	1	2	3	4	5	6	TOTAL
ELECTRIC SERVICE (NES)													
Service Dates	From 7/1/2009	8/1/2009	9/1/2009	10/1/2009	11/1/2009	11/30/2009	12/31/2009	1/31/2010	2/28/2010	3/31/2010	4/30/2010	6/1/2010	7/1/2009
	To 7/31/2009	8/31/2009	9/30/2009	10/31/2009	11/30/2009	12/31/2009	1/31/2010	2/28/2010	3/31/2010	4/30/2010	5/31/2010	6/30/2010	6/30/2010
PEAK Demand	kWh	11,878	12,978	11,290	11,533	9,380	9,380	9,380	9,380	9,380	11,189	14,213	14,213
Service Period Use	kWh	5,208,000	5,740,000	4,900,000	3,192,000	2,520,000	2,100,000	1,932,000	1,764,000	2,576,000	3,416,000	4,284,000	44,240,000
Service Period Charge	\$	\$ 411,284.32	\$ 450,401.06	\$ 389,512.88	\$ 318,905.13	\$ 255,168.40	\$ 231,007.74	\$ 222,802.96	\$ 215,942.62	\$ 250,985.94	\$ 294,272.66	\$ 360,094.25	\$ 3,923,538.33
Average Charge	\$/kWh	\$ 0.079000	\$ 0.078500	\$ 0.079500	\$ 0.099900	\$ 0.101300	\$ 0.110000	\$ 0.115200	\$ 0.122400	\$ 0.097400	\$ 0.086100	\$ 0.084100	\$ 0.088688

NATURAL GAS SERVICE													
Service Dates	From 7/1/2009	8/1/2009	9/1/2009	10/1/2009	11/1/2009	12/1/2009	1/1/2010	2/1/2010	3/1/2010	4/1/2010	5/1/2010	6/1/2010	7/1/2009
	To 7/31/2009	8/31/2009	9/30/2009	10/31/2009	11/30/2009	12/31/2009	1/31/2010	2/1/2010	3/1/2010	4/30/2010	5/31/2010	6/30/2010	6/30/2010
UTILITY METER Readings	Start	804,167	821,360	838,992	860,740	898,002	939,838	5,108	79,838	146,692	198,397	227,704	249,068
	Ending	821,360	838,992	860,740	898,002	939,838	1,005,108	79,838	146,692	198,397	227,704	249,068	265,992
UTILITY METER Multiplier		10	10	10	10	10	10	10	10	10	10	10	
HEAT FACTOR		1.024	1.024	1.020	1.020	1.022	1.023	1.020	1.019	1.019	1.019	1.019	
Service Period Use	CCF	171,930	176,320	217,480	372,620	418,360	652,700	747,300	668,540	517,050	293,070	213,640	4,618,250
	Dth	17,605.6	18,055.2	22,183.0	38,007.2	42,756.4	66,705.9	76,448.8	68,191.1	52,687.4	29,863.8	21,769.9	471,519.9
Service Period Charges													
CONSULTANTS	\$	\$ 6,328.90	\$ 6,328.90	\$ 6,328.90	\$ 6,328.90	\$ 6,328.90	\$ 6,328.90	\$ 6,328.90	\$ 6,328.90	\$ 6,328.90	\$ 6,328.90	\$ 6,328.90	75,946.80
NASHVILLE GAS	\$	\$ 10,546.21	\$ 10,678.07	\$ 11,888.70	\$ 16,529.75	\$ 17,922.64	\$ 24,946.74	\$ 27,804.22	\$ 25,382.33	\$ 20,883.99	\$ 14,190.09	\$ 11,907.56	203,250.68
ATMOS	\$	\$ 101,824.43	\$ 101,852.56	\$ 116,560.29	\$ 208,576.89	\$ 267,102.37	\$ 398,801.17	\$ 483,657.04	\$ 413,001.79	\$ 311,189.59	\$ 172,037.24	\$ 119,670.72	2,784,562.84
TOTAL	\$	\$ 118,699.54	\$ 118,859.53	\$ 134,777.89	\$ 231,435.54	\$ 291,353.91	\$ 430,076.81	\$ 517,790.16	\$ 444,713.02	\$ 338,402.48	\$ 192,556.23	\$ 137,907.18	\$ 3,063,760.32
Average Charge	\$/Dth	\$ 6.7421	\$ 6.5831	\$ 6.0757	\$ 6.0893	\$ 6.8143	\$ 6.4474	\$ 6.7730	\$ 6.5216	\$ 6.4228	\$ 6.4478	\$ 6.3348	\$ 6.4976

WATER SERVICE (DOMESTIC AND PLANT)													
Service Dates	From 7/1/2009	8/1/2009	9/1/2009	10/1/2009	11/1/2009	11/30/2009	12/31/2009	1/31/2010	2/28/2010	3/31/2010	4/30/2010	6/1/2010	7/1/2009
	To 7/31/2009	8/31/2009	9/30/2009	10/31/2009	11/30/2009	12/31/2009	1/31/2010	2/28/2010	3/31/2010	4/30/2010	5/31/2010	6/30/2010	6/30/2010
UTILITY METER Readings													
DOMESTIC	Start												
	Ending												
PLANT METER #1	Start												
	Ending												
PLANT METER #2	Start												
	Ending												
Service Period Use													
DOMESTIC	CCF	16	13	9	9	8	10	9	10	11	9	9	121
PLANT METER #1	CCF	16,486	19,297	16,634	10,084	8,988	8,413	6,584	7,094	10,332	12,833	13,292	152,583
PLANT METER #2	CCF												0
TOTAL	CCF	16,502	19,310	16,643	10,093	8,996	8,423	6,593	7,104	10,343	12,842	13,301	152,704
PLANT ONLY	CCF	16,486	19,297	16,634	10,084	8,988	8,413	6,584	7,094	10,332	12,833	13,292	152,583
GALLONS		12,331,528	14,434,156	12,442,232	7,542,832	6,723,024	6,292,924	4,924,832	5,306,312	7,728,336	9,599,084	9,942,416	114,132,084
Service Period Charges													
DOMESTIC	WATER \$	\$ 55.97	\$ 100.47	\$ 82.11	\$ 40.22	\$ 37.97	\$ 42.47	\$ 40.22	\$ 42.47	\$ 44.72	\$ 40.22	\$ 40.22	\$ 39.85
	SEWER \$	\$ 114.24	\$ 49.22	\$ 40.22	\$ 82.11	\$ 77.52	\$ 86.70	\$ 82.11	\$ 86.70	\$ 91.29	\$ 82.11	\$ 82.11	\$ 83.73
PLANT	WATER \$	\$ 28,210.72	\$ 33,017.57	\$ 28,460.67	\$ 17,256.89	\$ 15,381.72	\$ 14,399.11	\$ 11,270.14	\$ 12,142.96	\$ 17,682.02	\$ 21,959.06	\$ 22,744.18	\$ 40,506.62
	SEWER \$	\$ 11,622.63	\$ 13,604.39	\$ 11,726.97	\$ 7,109.22	\$ 6,336.54	\$ 5,931.17	\$ 4,641.72	\$ 5,001.27	\$ 7,284.06	\$ 9,047.27	\$ 9,370.86	\$ 17,191.33
STATE FEE @ 10%													
TOTAL		\$ 40,003.56	\$ 46,771.65	\$ 40,309.97	\$ 24,488.44	\$ 21,833.75	\$ 20,459.45	\$ 16,034.19	\$ 17,273.40	\$ 25,102.09	\$ 31,128.66	\$ 32,237.37	\$ 57,821.53
PLANT, WATER ONLY		\$ 28,210.72	\$ 33,017.57	\$ 28,460.67	\$ 17,256.89	\$ 15,381.72	\$ 14,399.11	\$ 11,270.14	\$ 12,142.96	\$ 17,682.02	\$ 21,959.06	\$ 22,744.18	\$ 40,506.62
Average Charge	\$/kGall	\$ 2.2877	\$ 2.2875	\$ 2.2874	\$ 2.2879	\$ 2.2879	\$ 2.2881	\$ 2.2884	\$ 2.2884	\$ 2.2879	\$ 2.2876	\$ 2.2876	\$ 2.3046

MONTHLY FEAS													
Service Dates	From 7/1/2009	8/1/2009	9/1/2009	10/1/2009	11/1/2009	12/1/2009	1/1/2010	2/1/2010	3/1/2010	4/1/2010	5/1/2010	6/1/2010	7/1/2009
	To 7/31/2009	8/31/2009	9/30/2009	10/31/2009	11/30/2009	12/31/2009	1/31/2010	2/28/2010	3/31/2010	4/30/2010	5/31/2010	6/30/2010	6/30/2010
STEAM	ELECTRIC	\$-1,265.18	\$-939.49	\$69.84	\$1,683.59	\$1,936.30	\$3,822.66	\$5,187.54	\$4,835.84	\$2,559.50	\$955.19	\$296.70	\$-474.72
	FUEL GAS	\$5,250.33	\$5,230.35	\$5,527.37	\$8,416.94	\$9,865.28	\$11,149.51	\$17,149.36	\$15,173.61	\$12,258.10	\$7,466.55	\$5,694.90	\$5,526.87
	WATER	\$77.36	\$24.99	\$85.40	\$48.47	\$14.65	\$-39.01	\$-119.89	\$12.92	\$64.40	\$74.72	\$72.54	\$87.28
CHW	ELECTRIC	\$26,564.50	\$26,531.35	\$24,314.72	\$23,313.34	\$21,837.47	\$16,775.14	\$14,167.35	\$13,195.61	\$21,695.63	\$24,778.24	\$22,876.23	\$26,074.50
	FUEL GAS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	WATER	\$11,793.01	\$12,566.14	\$11,258.23	\$7,880.74	\$6,357.68	\$5,243.58	\$4,679.65	\$4,294.88	\$6,718.10	\$8,149.91	\$9,762.87	\$14,478.05
		\$ 42,420.02	\$ 43,413.34	\$ 41,235.56	\$ 41,343.08	\$ 40,011.38	\$ 39,992.88	\$ 41,064.01	\$ 37,512.86	\$ 43,295.73	\$ 41,424.61	\$ 38,703.24	\$ 45,691.98

STEAM CAPACITY TEST ADJUSTMENTS

Month	7	8	9	10	11	12	TOTAL
NATURAL GAS							
USAGE CREDIT	MCF						0
	Dth						0
	\$						\$ -
ELECTRIC							

CEPS INVOICE RECONCILIATION - FY 2009 - 2010

USAGE CREDIT	kWh																					0
	\$																					\$ -
WATER																						
USAGE CREDIT	kGallon																					0
	\$																					\$ -
PLANT STEAM																						
SEND-OUT CREDIT	mb																					0

PLANT READINGS (Paste Link)

Month	DATE OF READINGS	From	7	8	9	10	11	12	1	2	3	4	5	6	TOTAL
		To	7/31/2009	8/31/2009	9/30/2009	10/31/2009	11/30/2009	12/31/2009	1/31/2010	2/28/2010	3/31/2010	4/30/2010	5/31/2010	6/30/2010	6/30/2010
ELECTRIC METERS															
SWG-2A	Start Reading		39,763.60	40,178.43	41,110.91	42,441.47	43,336.53	43,876.65	44,117.44	44,408.80	44,699.50	45,440.91	46,239.47	47,083.20	
	End Reading		40,178.43	41,110.91	42,441.47	43,336.53	43,876.65	44,117.44	44,408.80	44,699.50	45,440.91	46,239.47	47,083.20	47,919.00	
	Period Use in units = 1,000 x kWh		414.830	932.480	1,330.560	895.060	540.120	240.790	291.360	290.700	741.410	798.560	843.730	835.800	8,155.400
SWG-2B	Start Reading		62,559.00	63,378.11	65,033.15	66,592.69	67,588.72	68,546.29	69,626.20	70,577.00	71,146.50	71,998.02	72,679.56	73,791.00	
	End Reading		63,378.11	65,033.15	66,592.69	67,588.72	68,546.29	69,626.20	70,577.00	71,146.50	71,998.02	72,679.56	73,791.00	75,185.00	
	Period Use in units = 1,000 x kWh		819.110	1,655.040	1,559.540	996.030	957.570	1,079.910	950.800	569.500	851.520	681.540	1,111.440	1,394.000	12,626.000
SWG-3A	Start Reading		44,124.20	45,275.96	46,244.29	46,685.07	46,851.04	47,136.15	47,204.30	47,217.01	47,510.70	47,730.19	48,236.04	49,240.50	
	End Reading		45,275.96	46,244.29	46,685.07	46,851.04	47,136.15	47,204.30	47,217.01	47,510.70	47,730.19	48,236.04	49,240.50	50,616.50	
	Period Use in units = 1,000 x kWh		1,151.760	968.330	440.780	165.970	285.110	68.150	12.710	293.690	219.490	505.850	1,004.460	1,376.000	6,492.300
SWG-3B	Start Reading		47,257.30	48,758.96	49,507.99	49,816.63	50,065.76	50,077.29	50,080.90	50,080.90	50,080.90	50,080.90	50,578.18	50,796.20	
	End Reading		48,758.96	49,507.99	49,816.63	50,065.76	50,077.29	50,080.90	50,080.90	50,080.90	50,080.90	50,578.18	50,796.20	52,238.80	
	Period Use in units = 1,000 x kWh		1,501.660	749.030	308.640	249.130	11.530	3.610	0	0	0	497.280	218.020	1,442.600	4,981.500
SWG-4A	Start Reading		5,261,268.00	5,433,334.00	5,720,698.00	5,898,677.00	6,048,648.00	6,143,316.00	6,262,546.00	6,344,000.00	6,413,267.00	6,569,943.00	6,701,875.00	6,833,152.00	
	End Reading		5,433,334.00	5,720,698.00	5,898,677.00	6,048,648.00	6,143,316.00	6,262,546.00	6,344,000.00	6,413,267.00	6,569,943.00	6,701,875.00	6,833,152.00	7,113,497.00	
	Period Use in units = 1 x kWh		172,066	287,364	177,979	149,971	94,668	119,230	81,454	69,267	156,676	131,932	131,277	280,345	1,852,229
SWG-4B	Start Reading		11,803,278.00	12,064,624.00	12,257,537.00	12,502,764.00	12,632,211.00	12,728,985.00	12,774,233.00	12,844,858.00	12,919,153.00	12,970,485.00	13,123,898.00	13,332,906.00	
	End Reading		12,064,624.00	12,257,537.00	12,502,764.00	12,632,211.00	12,728,985.00	12,774,233.00	12,844,858.00	12,919,153.00	12,970,485.00	13,123,898.00	13,332,906.00	13,600,008.00	
	Period Use in units = 1 x kWh		261,348	192,913	245,227	129,447	96,774	45,248	70,625	74,295	51,332	153,413	209,008	267,102	1,796,732
SWG-5A	Start Reading		9,192,255.00	9,397,916.00	9,569,843.00	9,710,385.00	9,830,115.00	9,942,403.00	10,039,365.00	10,139,508.00	10,237,549.00	10,337,673.00	10,480,344.00	10,676,266.00	
	End Reading		9,397,916.00	9,569,843.00	9,710,385.00	9,830,115.00	9,942,403.00	10,039,365.00	10,139,508.00	10,237,549.00	10,337,673.00	10,480,344.00	10,676,266.00	10,881,602.00	
	Period Use in units = 1 x kWh		205,661	171,927	140,542	119,730	112,288	96,962	100,143	98,041	100,124	142,671	195,922	205,336	1,689,347
SWG-5B	Start Reading		8,434,879.00	8,552,956.00	8,714,006.00	8,866,149.00	8,970,558.00	9,043,635.00	9,135,063.00	9,219,570.00	9,292,631.00	9,394,282.00	9,482,040.00	9,560,008.00	
	End Reading		8,552,956.00	8,714,006.00	8,866,149.00	8,970,558.00	9,043,635.00	9,135,063.00	9,219,570.00	9,292,631.00	9,394,282.00	9,482,040.00	9,560,008.00	9,734,490.00	
	Period Use in units = 1 x kWh		118,077	161,050	152,143	104,409	73,077	91,428	84,507	73,061	101,651	87,758	77,968	174,482	1,299,611
MCC-1	Start Reading		7,934,724.80	8,128,519.20	8,346,366.90	8,518,413.90	8,627,745.70	8,696,419.20	8,748,405.70	8,783,662.60	8,830,032.40	8,924,919.90	9,052,355.30	9,218,725.00	
	End Reading		8,128,519.20	8,346,366.90	8,518,413.90	8,627,745.70	8,696,419.20	8,748,405.70	8,783,662.60	8,830,032.40	8,924,919.90	9,052,355.30	9,218,725.00	9,454,876.50	
	Period Use in units = 1 x kWh		193,794	217,848	172,047	109,332	68,674	51,987	35,257	46,370	94,888	127,435	166,370	236,152	1,520,152
MCC-2	Start Reading		7,904,549.80	8,097,103.50	8,316,684.30	8,497,391.80	8,599,182.80	8,667,603.10	8,716,306.40	8,766,015.80	8,797,569.40	8,839,152.40	8,951,308.20	9,101,376.00	
	End Reading		8,097,103.50	8,316,684.30	8,497,391.80	8,599,182.80	8,667,603.10	8,716,306.40	8,766,015.80	8,797,569.40	8,839,152.40	8,951,308.20	9,101,376.00	9,329,395.10	
	Period Use in units = 1 x kWh		192,554	219,581	180,708	101,791	68,420	48,703	49,709	31,554	41,583	112,156	150,068	228,019	1,424,845
MCC-3	Start Reading		1,877,339.30	1,910,722.90	1,930,883.60	1,942,067.10	1,977,008.80	2,006,459.60	2,055,788.50	2,102,735.10	2,149,953.70	2,187,827.00	2,200,139.80	2,228,550.50	
	End Reading		1,910,722.90	1,930,883.60	1,942,067.10	1,977,008.80	2,006,459.60	2,055,788.50	2,102,735.10	2,149,953.70	2,187,827.00	2,200,139.80	2,228,550.50	2,262,301.70	
	Period Use in units = 1 x kWh		33,384	20,161	11,184	34,942	29,451	49,329	46,947	47,219	37,873	12,313	28,411	33,751	384,962
MCC-4	Start Reading		2,654,315.20	2,673,833.90	2,704,263.30	2,745,439.90	2,774,813.30	2,820,616.60	2,884,116.40	2,954,678.40	3,013,708.80	3,065,414.10	3,105,471.10	3,120,198.20	
	End Reading		2,673,833.90	2,704,263.30	2,745,439.90	2,774,813.30	2,820,616.60	2,884,116.40	2,954,678.40	3,013,708.80	3,065,414.10	3,105,471.10	3,120,198.20	3,133,396.40	
	Period Use in units = 1 x kWh		19,519	30,429	41,177	29,373	45,803	63,500	70,562	59,030	51,705	40,057	14,727	13,198	479,081
NOTES:															

OTHER METERS (Paste Link)

FT_6120: Propane Gas	Start Reading		12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33		
	End Reading		12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33	12,095.33		
	Period Use in units = 1,000 x SCFT		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0
	Higher Heating Value in units = BTU/SCFT		2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520	2,520		
FIQY_3000: Stm Sendout	Start Reading		2,019,199	2,032,019	2,044,730	2,060,020	2,086,858	2,116,837	2,163,417	2,217,473	2,265,688	2,302,929	2,324,273	2,339,384			
	End Reading		2,032,019	2,044,730	2,060,020	2,086,858	2,116,837	2,163,417	2,217,473	2,265,688	2,302,929	2,324,273	2,339,384	2,352,270			
	Period Use in units = 1 x MLB		12,820	12,711	15,290	26,838	29,979	46,580	54,056	48,215	37,241	21,344	15,111	12,886	333,071		
WQ_1800: CHW Sendout	Start Reading		292,707,400	299,731,100	307,303,700	313,811,200	318,140,200	321,482,600	324,184,200	326,560,600	328,746,500	332,230,300	336,969,700	342,564,200			
	End Reading		299,731,100	307,303,700	313,811,200	318,140,200	321,482,600	324,184,200	326,560,600	328,746,500	332,230,300	336,969,700	342,564,200	351,020,500			
	Period Use in units = 1 x TON-HRS		7,023,700	7,572,600	6,507,500	4,329,000	3,342,400	2,701,600	2,376,400	2,185,900	3,483,800	4,739,400	5,594,500	8,456,300	58,313,100		
FT_8100: Cond. Return	Start Reading		50,497,200	51,427,200	51,710,900	51,741,400	53,953,900	56,518,100	60,020,300	65,016,400	68,922,000	71,243,900	72,645,800	72,756,700			
	End Reading		51,427,200	51,710,900	51,741,400												

CEPS INVOICE RECONCILIATION - FY 2009 -2010

		7	8	9	10	11	12	1	2	3	4	5	6	TOTAL
WATER METER CHECKS														
Utility Meters - Utility Dates	gallons	12,331,528	14,434,156	12,442,232	7,542,832	6,723,024	6,292,924	4,924,832	5,306,312	7,728,336	9,599,084	9,942,416	16,864,408	114,132,084
Utility Meters - Customer Dates	gallons	12,311,332	14,408,724	12,362,196	7,707,392	6,513,584	6,245,052	4,630,120	5,958,568	7,494,960	9,498,104	11,304,524	15,732,684	114,167,240
variance (line 184-line 183)	gallons	-20,196	-25,432	-80,036	164,560	-209,440	-47,872	-294,712	652,256	-233,376	-100,980	1,362,108	-1,131,724	35,156
% of TOTAL (line 183)		0%	0%	-1%	2%	-3%	-1%	-6%	12%	-3%	-1%	14%	-7%	0.03%
Plant Meters														
CHW	gallons	263,300	263,400	278,900	306,600	342,900	318,000	515,800	285,400	346,100	372,400	474,000	328,500	4,095,300
CW	gallons	11,331,000	12,649,000	10,046,000	6,145,000	4,881,000	3,295,000	2,856,000	2,555,000	4,669,000	7,804,000	9,010,000	14,728,000	89,969,000
STEAM	gallons	596,930	1,408,260	1,956,460	1,143,690	1,240,280	2,532,120	1,909,840	2,261,820	2,443,880	1,254,200	1,857,740	662,980	19,268,200
TOTAL	gallons	12,191,230	14,320,660	12,281,360	7,595,290	6,464,180	6,145,120	5,281,640	5,102,220	7,458,980	9,430,600	11,341,740	15,719,480	113,332,500
variance (line 191-line 184)	gallons	-120,102	-88,064	-80,836	-112,102	-49,404	-99,932	651,520	-856,348	-35,980	-67,504	37,216	-13,204	-834,740
% of TOTAL (line 184)		-1%	-1%	-1%	-1%	-1%	-2%	14%	-14%	0%	-1%	0%	0%	-0.73%
CW MUW CHECK														
CHW Send-out	ton-hrs	7,023,700	7,572,600	6,507,500	4,329,000	3,342,400	2,701,600	2,376,400	2,185,900	3,483,800	4,739,400	5,594,500	8,456,300	58,313,100
CW MUW Rate	gall/ton-hr	1.613	1.670	1.544	1.419	1.460	1.220	1.202	1.169	1.340	1.647	1.611	1.742	1.543
FINAL MAKEUP WATER RESULTS														
CHW	gallons	263,300	263,400	278,900	306,600	342,900	318,000	515,800	285,400	346,100	372,400	474,000	328,500	4,095,300
CW	gallons	11,331,000	12,649,000	10,046,000	6,145,000	4,881,000	3,295,000	2,856,000	2,555,000	4,669,000	7,804,000	9,010,000	14,728,000	89,969,000
STEAM	gallons	596,930	1,408,260	1,956,460	1,143,690	1,240,280	2,532,120	1,909,840	2,261,820	2,443,880	1,254,200	1,857,740	662,980	19,268,200
TOTAL	gallons	12,191,230	14,320,660	12,281,360	7,595,290	6,464,180	6,145,120	5,281,640	5,102,220	7,458,980	9,430,600	11,341,740	15,719,480	113,332,500
variance	gallons	-120,102	-88,064	-80,836	-112,102	-49,404	-99,932	651,520	-856,348	-35,980	-67,504	37,216	-13,204	-834,740
% of TOTAL (line 184)		-1%	-1%	-1%	-1%	-1%	-2%	13%	0%	0%	-1%	0%	0%	-1%
STEAM PLANT MASS BALANCE CK														
STEAM SENDOUT	klbs	12,820	12,711	15,290	26,838	29,979	46,580	54,056	48,215	37,241	21,344	15,111	12,886	333,071
STEAM PRODUCTION	klbs	17,576	17,990	22,099	37,774	42,519	66,578	76,321	68,385	53,120	30,050	21,795	17,283	471,490
CALC'D LOSSES		-4,756	-5,279	-6,809	-10,936	-12,540	-19,998	-22,265	-20,170	-15,879	-8,706	-6,684	-4,397	
BLOWDOWN 4%	klbs	703	720	884	1,511	1,701	2,663	3,053	2,735	2,125	1,202	872	691	18,860
DEA VENT 0.50%	klbs	88	90	110	189	213	333	382	342	266	150	109	86	2,357
TOTAL CALC'D LOSSES	klbs	791	810	994	1,700	1,913	2,996	3,434	3,077	2,390	1,352	981	778	21,217
CONDENSATE RETURN	gallons	930,000	283,700	57,000	2,212,500	2,564,200	3,502,200	4,996,100	3,905,600	2,321,900	1,401,900	110,900	871,300	23,157,300
8.15585	klbs	7,585	2,314	465	18,045	20,913	28,563	40,747	31,853	19,937	11,434	904	7,106	188,867
8.3453	klbs	4,982	11,752	16,327	9,544	10,351	21,131	15,938	18,876	20,395	10,467	15,503	5,533	160,799
TOTAL LEAVING PLANT	klbs	13,611	13,521	16,284	28,538	31,892	49,576	57,490	51,292	39,631	22,696	16,092	13,664	354,288
TOTAL ENTERING PLANT	klbs	12,567	14,066	16,792	27,589	31,264	49,695	56,686	50,729	39,332	21,900	16,408	12,639	349,666
OVERAGE / SHORTFALL	klbs	-1,044	546	508	-949	-629	119	-805	-563	-299	-796	316	-1,025	-4,622
		-7.7%	4.0%	3.1%	-3.3%	-2.0%	0.2%	-1.4%	-1.1%	-0.8%	-3.5%	2.0%	-7.5%	-1.30%
FINAL CONDENSATE RETURN CALCULATIONS														
RECALC'D TOTAL ENTERING	klbs	14,019	13,926	16,773	29,394	32,849	51,063	59,215	52,831	40,820	23,377	16,575	14,074	
RECALC'D COND. RETURN	gallons	9,038	2,174	446	19,850	22,499	29,932	43,277	33,956	20,425	12,910	1,071	8,541	
		1,108,123	266,534	54,653	2,433,778	2,758,586	3,670,002	5,306,249	4,163,334	2,504,390	1,582,970	131,333	1,047,209	

Exhibit 1



NASHVILLE DISTRICT ENERGY, LLC

NASHVILLE, TENNESSEE

EXHIBIT 1 - CALCULATION DETAIL FOR PLANT PERFORMANCE PER APPENDIX 19

ELECTRICITY-TO-STEAM CONVERSION

(1)	E (MainUtility) = total electric use per main utility meters		44,240,000 kWh
(2)	E (Steam,metered) = metered electric use for steam plant		864,044 kWh
	MCC-3	384,962	
	MCC-4	479,081	
(3)	E (CHW,metered) = metered electric use for chilled water plant		41,838,116 kWh
	SWGR-2A	8,155,400	
	SWGR-2B	12,626,000	
	SWGR-3A	6,492,300	
	SWGR-3B	4,981,500	
	SWGR-4A	1,852,229	
	SWGR-4B	1,796,732	
	SWGR-5A	1,689,347	
	SWGR-5B	1,299,611	
	MCC-1	1,520,152	
	MCC-2	1,424,845	
(4)	Esteam,unmetered = un-metered electric use for steam plant = [(2) / (1)] x [(1) - (2) - (3)]		30,035 kWh *
(5)	Echw,unmetered = un-metered electric use for chilled water plant = (1) - (2) - (3) - (4)		1,507,805 kWh *
(6)	Esteam,total = total electric use for steam plant = (2) + (4)		894,079 kWh *
(7)	Customer Steam Sales, metered + unmetered		272,447,630 lbs

$$n \text{ (elec): Actual Steam Plant Electric Conversion} = (6) / [(7) \times 0.001] = 3.282 \text{ kWh/klb}$$

NATURAL GAS-TO-STEAM CONVERSION

(8)	NG = Total Natural Gas Use per main utility meters		471,519.9 Dth
(9)	P = Total Propane Gas per plant meter		0 scft
	Meter Reading at the beginning, n-1	12,095	
	Meter Reading at the end, n	12,095	
	Units of Measure	1,000 x SCFT	
(10)	HHV = Higher Heating Value of Propane		0.002520 Btu/scft
(11)	SO = Plant Steam Send Out		283,730,000 lbs
	Meter Reading at the beginning, n-1	2,019,199	
	Meter Reading at the end, n	2,302,929	
	Units of Measure	1 x SCFT	

$$n \text{ (HHV): Actual Plant Efficiency} = [(8) + (9) \times (10)] / [(11) \times 0.001] = 1.662 \text{ Dth/klb}$$

(12)	CR = Condensate Return per plant meter		23,157,300 gallons **
	Meter Reading at the beginning, n-1	50,497,200	
	Meter Reading at the end, n	71,243,900	
	Units of Measure	1 x SCFT	
(13)	H = Condensate Return energy		22,223 mmBtu
	Meter Reading at the beginning, n-1	65,667	
	Meter Reading at the end, n	87,890	
	Units of Measure	1 x MMBTU	

$$T \text{ (cr,avg): Average Condensate Return Temperature} = 150 \text{ }^\circ\text{F}$$



NASHVILLE DISTRICT ENERGY, LLC

NASHVILLE, TENNESSEE

EXHIBIT 1 - CALCULATION DETAIL FOR PLANT PERFORMANCE PER APPENDIX 19

WATER-TO-STEAM CONVERSION

(14)	MW = Steam system makeup water plant meter		19,268,200 gallons
	<i>Meter Reading at the beginning, n-1</i>	40,995,490	
	<i>Meter Reading at the end, n</i>	60,263,690	
	<i>Units of Measure</i>	1 x SCFT	

n (water): Actual steam plant water use = (14) * 1.01 = 19,460,882 gallons

G (water): Guaranteed steam plant water use = [(11) / 8.15585 - (12) = 13,375,910 gallons

ELECTRICITY-TO-CHILLED WATER CONVERSION

(15)	E (chw,total) = Total CHW Electric use = (3) + (5) =	43,345,921 kWh *
(16)	Customer CHW Sales, metered + unmetered	51,272,619 kWh

n (elec): Actual chilled water plant electric conversion = (15) / (16) = 0.845 kw/ton

CONDENSER WATER-TO-CHILLED WATER CONVERSION

(17)	CM = Condenser water makeup plant meter		58,427,000 gallons **
	<i>Meter Reading at the beginning, n-1</i>	554,651,000	
	<i>Meter Reading at the end, n</i>	613,078,000	
	<i>Units of Measure</i>	1 x GALL	

n (water): Actual chilled water plant conversion = (17) / (16) = 1.140 gal/ton-hr

NOTES: * - There is a 11,356 kWh variance from the FEA due to rounding errors resulting from monthly vs. annual summation.
 ** - Estimated due to incorrect totalization resulting from "low flow cut-off".

Exhibit 2

Photographs of May 2010 Flood

The following pictures were taken on the Monday morning following the flood. The route traveled began at the EGF, crossed the Gateway Bridge going east and then turned north toward the stadium. From the stadium, pictures were taken while crossing the Pedestrian Bridge. Upon exiting the west end of the bridge, the path traveled turned north on 4th Avenue and finally east on Korean Veterans Parkway back to the plant.



View of former Nashville Thermal site from Korean Veterans Blvd.



Nashville Fuel Depot directly across the Cumberland River from the Energy Generation Facility



View LP Field from Gateway Bridge



LP Field, Home of the Tennessee Titans

Nashville District Energy System
Energy Generation Facility



View of EGF from east end of Shelby Street Pedestrian Bridge



Southeast stadium parking lot





Boat dock used for Titans games



View of Riverfront Park from Pedestrian Bridge



Broadway in front of Hard Rock Cafe





Commuter Train Station located at 1st Avenue and Broadway in Riverfront Park



View of 1st Avenue looking south from the Shelby Street Pedestrian Bridge



Riverfront Condominiums & XO Communications



View of 2nd Avenue looking north from the Shelby Street Pedestrian Bridge



View of 2nd Avenue looking south from the Shelby Street Pedestrian Bridge

The new Pinnacle Office Building is on the right



South entrance of the Pinnacle Building



View of XO Communications from 3rd Avenue

Country Music Hall of Fame

Bridgestone Arena
Home of the Nashville Predators

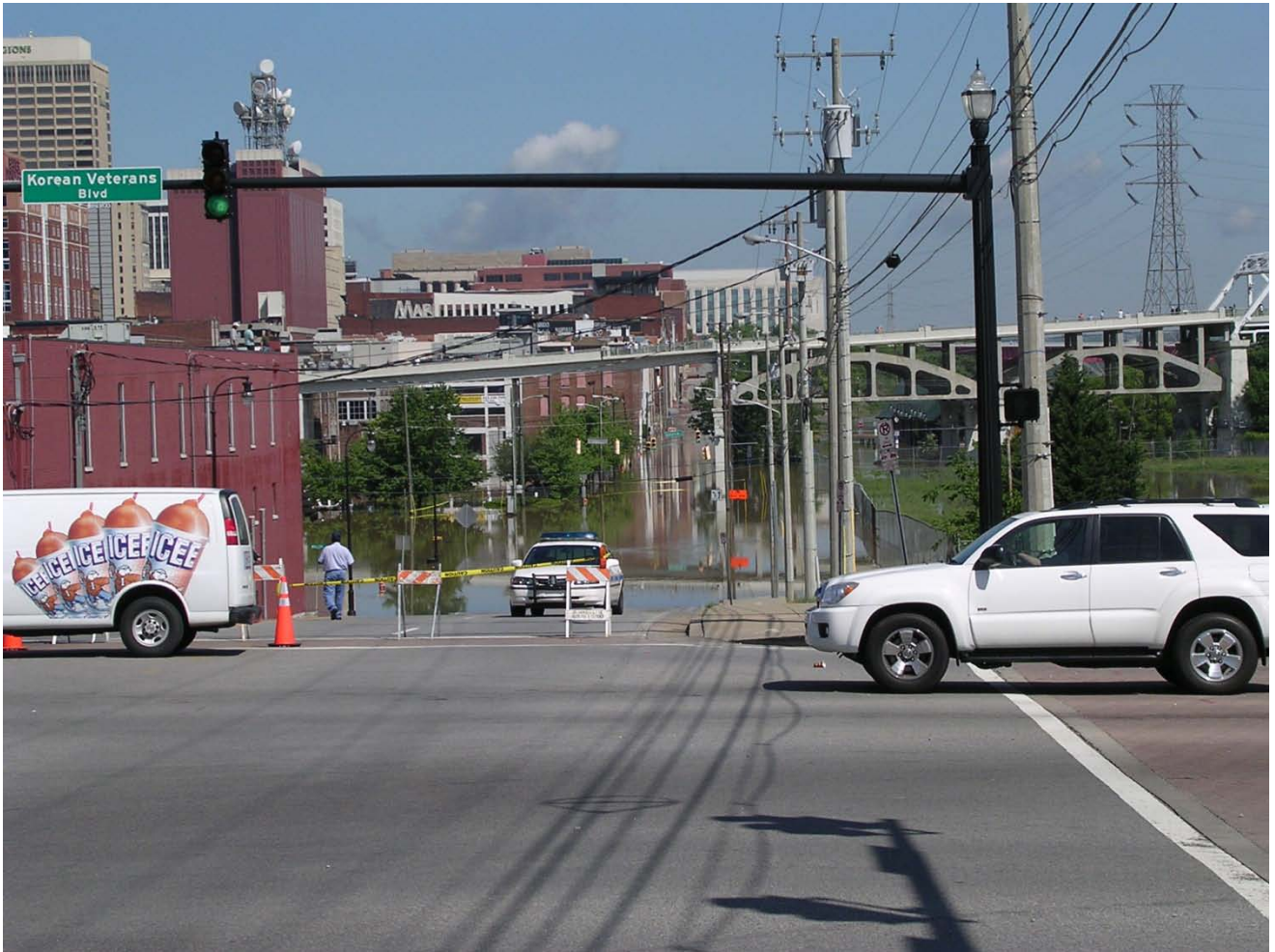
Encore Condominiums



View of Malloy Street from 3rd Avenue to 4th Avenue



2nd Avenue looking north from Malloy Street



1st Avenue looking north from Korean Veterans Blvd.