

Fiscal Year
2008 - 2009

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) for the Metropolitan Government of Nashville and Davidson County, Tennessee, is pleased to present its sixth “*Annual Report*”. 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, 2008 through June 30, 2009, 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.

With the amount of work that takes place inside and outside of the plant on a daily basis, our goal to be accident free is not always possible. Plant personnel experienced two minor accidents during the past twelve months. One was OSHA reportable but, thankfully neither involved lost time.

As reported last year, Nashville encountered its hottest and driest summer on record. To follow suit, this past winter also had some very cold days. As temperatures dipped in to the single digits the morning of January 16, 2009, the EGF experienced it’s all time peak steam flow of 126,625 lbs/hr. Amid the extreme conditions, the EGF and its staff continued to furnish reliable and efficient steam service to all the DES customers.

Reliability for both steam and chilled water remained above 99% again this year. This is an exceptional accomplishment considering this number includes every outage and upset, even the ones so short in duration they are not required to be reported. CEPS also continued to routinely meet the contractual efficiency guarantees. Efficient operation benefits everyone through utility energy savings. Unlike last year, the spring and summer months thus far have been unseasonably mild and wet. Chilled water and steam sales are both down. This is due in part to the weather and partly due to several customers actively pursuing energy conservation measures. During these economic times, everyone is encouraged to look for energy savings when and where ever possible.

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 have finally dropped.

A number of DES projects were completed in the EDS again this year. There have been several challenges associated with these projects, not usually encountered, because they had to be completed in conjunction with or before other metro projects, such as, the new Bus Depot and the Deaderick Street – Streetscape project.



Constellation Energy
Projects & Services Group

Due to short completion deadlines and to the fact the majority of them had to be completed on Time and Material basis, we have run in to issues with some of our subcontractors providing the required close out documentation. Hopefully, this will all be resolved soon as CEPS is looking forward to working with Metro to complete other important projects in the upcoming fiscal year.

I congratulate everyone on another outstanding year and look forward continued communication, cooperation and success in the future.

Sincerely,

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 steam outage and one scheduled chilled water outage to perform maintenance and complete tie-ins associated with capital projects. With the exception of a few minor 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 are reported to be satisfied with the services we are providing.

The plant continues to be fully staffed with an outstanding work force. Although we experienced two minor accidents during the past twelve months, only one was OSHA reportable and neither involved lost time.

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 sixth year in a row, there were no environmental excursions or violations.

News, Events & Other Business

- Two DES E-newsletters were published; one in the fall and another in the spring.
- During July 2008, CEPS/NDE hosted their Fifth Annual Golf Outing and luncheon. This event was a tremendous success. The event, attended by customers, employees, contractors, vendors and friends, boosted customer relations and employee morale.
- Karen Bennett was appointed as the new Council Representative to the DES Advisory Board by Mayor Dean in August 2008. She was also elected to serve as the Board Chairperson.
- CEPS Managers attended the Association of Energy Engineers annual meeting on September 2, 2008.
- CEPS sponsored a table and personnel attended the Nashville Downtown Partnership Annual Meeting and Awards Luncheon. This event was held at the Renaissance Hotel September 18, 2008. The keynote speaker was Governor Phil Bredesen.
- CEPS Managers attended the Piedmont/Nashville Gas Annual Meeting September 24, 2008.
- The first Semi-Annual Customer meeting was held in the Nashville Downtown Partnership conference room on October 16, 2008.
- The EGF completed its fifth year of excellent operation December 16, 2008.
- A holiday luncheon was held for CEPS employees December 19, 2008.
- The DES 5 Year Anniversary Celebration was held on January 16, 2009 at the EGF. Mayor Karl Dean, John Schaffer (CEPS VP of Operations) and Harry Ragsdale (Metro Contract Administrator) spoke at the celebration. Approximately 40 customers, vendors and community leaders attended the event.
- The second Semi-Annual Customer meeting was held in the Nashville Downtown Partnership conference room March 19, 2009.
- CEPS hosted the monthly lunch meeting for BOMA Nashville at Maggiano's Restaurant on June 10, 2009.
- The CEPS/NDE General Manager and Finance Manager both attended an ATMOS Energy Natural Gas Workshop on June 23-24, 2009.



- CEPS Vice President of Operations and the NDE General Manager attended the IDEA Conference in Washington DC on Monday June 29, 2009. A short presentation was given by CEPS, as well as other past recipients of the System of the Year Award.
- Weekly Teleconferences were held on Friday mornings to discuss Natural Gas purchases.
- Monthly DES coordination meetings/conference calls were conducted the first Tuesday of each month.
- 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.

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 August 31, 2008, NES experienced a fault on the 69 kV capacitor bank at their south substation. This caused the chillers and pumps to trip at approximately 6:40 p.m. The chilled water temperature rose to 50 degrees F at 6:48 p.m. The chillers and pumps were immediately restarted and the temperature to the customers was back to 42.7 degrees F by 8:00 p.m.
- On November 5, 2008, the chilled water temperature was elevated for approximately 24 minutes. This was caused by an isolation valve being closed to the cooling towers makeup line inadvertently while performing maintenance. The lack of cooling water caused the Chilled Water Pump VFD's to trip offline and consequently shutdown the chillers. The valve was immediately re-opened and the system was returned to normal operation.
- The scheduled, 12 hour, chilled water outage began at 6:00 p.m. on January 21, 2009 and ended at approximately 6:00 a.m. on January 22, 2009.
- On January 30, 2009, at approximately 2:20 a.m., there was a momentary loss of power which caused #2 Chilled Water pump to stop and subsequently tripped Chillers 5 and 7 off line. The Chilled Water Pump and Chillers were immediately restarted. The plant was above 43.3 degrees for approximately 16 minutes. CEPS I & E Supervisor contacted NES the following morning and discovered that an automobile accident near the plant knocked a pole onto a 69 KV line which caused the power loss.
- On February 11, 2009, power was inadvertently shut off to the Instrument Air Compressor which caused the boilers to trip offline. The error was corrected and the boilers were restarted. The system pressure dropped to 115 psi and was below 150 psi for approximately 45 minutes.
- On February 25, 2009, Chillers 8 and 9 tripped due to an indication of low chilled water flow. Additional chillers were started and the temperature returned to normal after approximately 48 minutes. The CEPS I & E personnel investigated

and found the flow switches partially plugged. They removed and cleaned the switches on the remaining chillers. During this process, chilled water flow had to be maintained through the offline chiller which caused another excursion at 11:32 a.m. that lasted approximately 40 minutes. These switches have been added to the iMaint System as a semi-annual preventive maintenance item.

- On May 25-26, 2009 the steam system was down for 24 hours to make distribution system repairs during the Scheduled Steam Outage.
- The chilled water temperature went above 43.5 degrees F several times during the month of April; however, the maximum time was only 16 minutes. This was due to the normal starting and stopping of chillers and preventive maintenance activities.

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	1440 minutes	45 minutes	99.72%	99.99%
Chillers	720 minutes	128 minutes	99.84%	99.98%

Plant Efficiency

After the annual boiler inspections were completed at the end of July, 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 2008 - 2009 on August 31, 2009. 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, 2008 through June 30, 2009:

	Units of Measure	Contractual Guarantee	FEA Rate	Actual Rate
1. Electricity-to-Steam	kWh per klb	6.000	6.000	3.143
2. Fuel-to-Steam	Dth per klb	1.726	1.623	1.409
3. Water-to-Steam	Gallons	19,180,655	19,180,655	18,350,296
4. Electricity-to-Chilled Water	kWh per ton-hr	1.055	1.055	0.838
5. Water-to-Chilled Water	Gallons per ton-hr	5.250	5.250	1.895

Environmental, Health and Safety

Environmental Regulatory Compliance

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

Required reporting activities were submitted as follows:

- January 27, 2009, the Semi-annual Monitoring Report and Title V Annual Emissions Compliance Certifications were completed and submitted. The annual compliance certification consists of a detailed account of the compliance status for each permit condition.
- February 18, 2009, the Tier II Emergency and Hazardous Chemical Inventory Forms were completed and submitted to the proper authorities.
- February 19, 2009, the Annual Emissions Inventory reports were also completed and submitted to the Metro Health Department as required.
- Per our storm water pollution prevention plan, samples are collected, inspections are conducted and a report is generated quarterly. Refresher training is also conducted annually.

Health

Plant personnel continue to conduct themselves in a safe manner. Our goal is to be accident free; however, with the amount of work that takes place inside and outside of the plant on a daily basis that is not always possible. There were two minor accidents reported in FY 2008 – 2009:

- August 14, 2008, an SE-2 (Operator) strained his shoulder while closing a condenser water valve. The employee sought treatment at a local clinic and returned to work. This was not a lost time accident.
- December 12, 2008, a Maintenance Mechanic strained his thumb while exiting a manhole. This employee was also treated at a local clinic and returned to work with no lost time.

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 recent changes in the OSHA standards, related to the electrical code, regarding arc flash hazards, EWB Engineering was contracted to conduct an Arc Flash Study and develop a program for the DES facility and distribution system. The Study was completed on November 18, 2008 and the required training was conducted on December 22, 2008. CEPS contracted Power and Generation Testing, Inc. to make changes to the switchgears and breakers recommended by the study to reduce potential arc flash hazards. Each electrical cabinet was then labeled with the risk assessment and level of personal protective equipment (PPE) required. Only properly trained personnel are authorized to work on this equipment after they have donned the required PPE. The Arc Flash Equipment (pictured below) consists of the 40 calorie suit with Overalls, suspenders, jacket and hood with an air pack, Class 0 Low Voltage and Class 2 High Voltage Glove Kits and a 10 calorie Arc Shield that can be used up to Class 2 protection level.



New PPE purchased for the Arc Flash Program

Accident Report
7/1/2009

FY 2008

FY 2009

	FY 2008				FY 2009			
	<u>Total Accidents</u>	<u>OSHA Reportable</u>	<u>Lost Time Accidents</u>	<u>Total Lost Days</u>	<u>Total Accidents</u>	<u>OSHA Reportable</u>	<u>Lost Time Accidents</u>	<u>Total Lost 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	1	0	0	0				
September	0	0	0	0				
October	0	0	0	0				
November	0	0	0	0				
December	1	1	0	0				
Total	2	1	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 a state-of-the-art facility reliably and efficiently a significant amount of employee training is required. The following demonstrates some of the training that was conducted throughout the year:

- The CEPS Maintenance Supervisor attended a 3 day training session for the iMaint Computerized Maintenance Management System (CMMS) in Greensboro, NC on August 25-27, 2008. This training focused on Work Orders and Scheduling. The vendor is in the process of producing an updated version of iMaint.
- Arc Flash Training was provided by EWB Engineering on December 22, 2008 in the EGF Conference Room.
- The CEPS Maintenance Supervisor and one Mechanic attended a Pump Seminar hosted by the James M. Pleasants Company on March 4, 2009.
- The CEPS I&E Supervisor and an Instrument Technician attended a GE Multi-Lin Relay Seminar on March 20, 2009.
- The CEPS Maintenance Supervisor and one Mechanic attended a Pump Seminar hosted by the James M. Pleasants Company on May 27, 2009.

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
- Adult CPR 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 16, 2008 and March 19, 2009. 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.

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. From time to time emergency repairs and replacements must be done. The items in the following sections were accomplished to increase equipment life, reliability, efficiency and safety.

Preventive and Predictive Maintenance

CNDE 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 3, 4 and 6. 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 all within the normal ranges. In addition to the vibration readings, the contractor also performed infrared testing on all the electrical switchgear.

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

Modifications and Improvements

VFD Resistor Kits

CEPS Instrument and Electrical personnel installed resistor kits to the Chilled Water Pump Variable Frequency Drives (VFD). This was recommended by the manufacturer to minimize a potential failure of the drive.



Chilled Water VFD Resistor Kit

Cooling Tower Level Transmitter

CEPS Instrument and Electrical personnel replaced the Cooling Tower sonic level transmitter with a Dwyer pressure transmitter. The sonic transmitter has required more maintenance due to insects during the summer season. This can give a false reading causing the tower levels to fluctuate.



Old Sonic Level Transmitter



New Dwyer Pressure Transmitter

New Security Lighting

CEPS Instrument and Electrical personnel installed new 150 watt lighting on the east and west walkways for the Cooling Towers. Additionally, a 400 watt Metal Halide security light was installed near the Propane Vaporizer. This light will allow operators to safely work around the Propane Vaporizer and also enhances visibility at the plant entry gate.



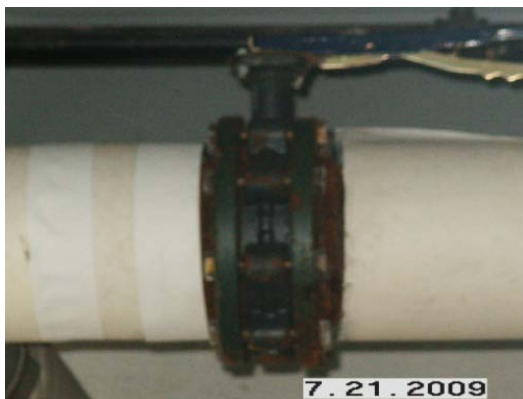
Cooling Tower Walkway Lighting



Propane Vaporizer Security Lighting

Cooling Tower Makeup Isolation Valves

CEPS Maintenance personnel installed 2 new isolation valves on the Cooling Tower Makeup water line to improve the ability to make repairs without affecting plant reliability.



Cooling Tower Makeup Isolation Valve



Cooling Tower Makeup Isolation Valve

(Cooling Tower) Condenser Water Coupon Station

CEPS Maintenance personnel installed a new Condenser Water Coupon Station between Chillers 6 and 7. This station will test the corrosion of the condenser water throughout the condenser side of the system. Sample coupons are inserted into the station and sent to the chemical vendor approximately after 90 days to check for wear.



Condenser Water Coupon Station

Chilled Water Coupon Station

CEPS Maintenance personnel moved the Chilled Water Coupon Station from the Control Room Level to the north wall of the chiller room. This was done to ensure a more consistent flow across the coupons. This station will test the corrosion of the chilled water on the system. Sample coupons are inserted into the station and sent to the chemical vendor approximately after 90 days to check for wear.



Chilled Water Coupon Station

4th Avenue Tunnel Ventilation Fan

The fan duct supports failed. The duct tore apart which allowed the fan to fall to the deck grating below damaging both the fan and the deck. Repairs began on July 21, 2008. Nashville Machine Company completed the initial phase of repairs on August 29, 2008. Thermal Engineering Group requested additional deck grating, handrails and kick plates be installed as a safety precaution. These changes and punch list items were completed in December 2008.

Chilled Water Outage

During the chilled water outage in January 2009, the evaporator valves were replaced on Chillers 3 and 6. Both condenser water valves were replaced on 4 Chiller and the inlet condenser water valve was replaced on Chiller 5. These valves did not hold so annual maintenance activities could not be performed until they were replaced.



#3 Chiller Evaporator Inlet Valve



#3 Chiller Evaporator Outlet Valve



#4 Chiller Condenser Valve



#5 Chiller Condenser Valve



#6 Chiller Evaporator Outlet Valve

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.

CNDE 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.

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.

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 08-09. 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 2008

- CEPS personnel isolated the chilled water to the State Capitol at 5:00 p.m. on August 29, 2008 to allow their contractor to make repairs to the building. The service was restored at 9:30 p.m.

September 2008

- Repaired steam leak on PRV at the Hermitage Hotel
- Installed rebuilt 30 horsepower motor on south exhaust fan in 4th Avenue Tunnel
- Installed a bypass line in Manhole 23 to allow the condensate from the Sheraton Hotel to divert to the upstream side of the isolation valve. This was done to prevent dumping the condensate in their building while the repairs were made in between Manholes 6 to 23

- CEPS personnel replaced the impeller and mechanical seal on the #2 Tunnel Sump Pump at Manhole 18 on September 5, 2008. The 4", 150# check valve on the discharge piping from this pump was replaced on September 17, 2008.
- On September 23, 2008, steam was isolated to the 401 Union Building at the customer's request to make repairs and modifications inside their building.

October 2008

- A planned steam outage involving the CJC, Metro Courthouse and A. A. Birch Building began at 7:00 a.m. October 4, 2008. CEPS personnel isolated steam in order to repair a steam leak on an isolation valve in Manhole 13. These buildings were without steam for approximately 5 hours.
- CEPS personnel isolated the steam to the State Tunnel Loop on October 13, 2008. This was to allow a contractor to perform maintenance activities in the Andrew Jackson Building. Steam service was restored on October 14, 2008.
- CEPS personnel installed two temporary condensate tempering stations at the Municipal Auditorium which included meters, piping and hoses for both receiver tanks.

November 2008

- CEPS personnel replaced a block valve on the steam pressure transmitter at Tennessee Towers on November 5, 2008.
- NES had an electrical failure in their Demonbreun Street substation which caused several downtown businesses to lose power on November 12, 2008. The loss of power did not affect the tunnel sump pumps; however, we did lose power to the lights in the tunnels and the condensate pumps at Manhole 18. As a result, condensate was not returned to the plant for several hours.

December 2008

- The sump pumps outside of Manhole D failed on December 10th due to the deterioration of the impellers and the failure of a mechanical seal. They were replaced on December 12, 2008 with new pumps and hoses.
- CEPS personnel replaced the high pressure steam transmitter at the Sommet Center on December 12, 2008.
- On December 12, 2008, Wildhorse Saloon IT personnel completed the internet connection to the CX Metering Panel.
- The Wachovia Plaza Building Engineer reported that an air handler coil had frozen and burst on December 23, 2008. This leak caused the plant to makeup approximately 65,000 gallons of chilled water, more than normal.
- CEPS personnel replaced a broken discharge hose on the A.A. Birch Tunnel sump pumps December 26, 2008.

February 2009

- CEPS personnel replaced the steam trap in Manhole B2
- A check valve was installed on the city water line that supplied the temporary tempering station at the Ryman Auditorium. This was requested by building personnel during a meeting with TEG, CEPS and Ryman regarding the different options of condensate disposal for the building.

- The electrical conduit was relocated for the metering panel at SunTrust Bank. This was done to allow customer to install a VFD Panel for their building pumps.
- A failed pressure transmitter was replaced on the Chilled Water Supply line at Parkway Towers
- The Chilled Water Supply RTD was replaced at the Hermitage Hotel
- Steam service was isolated to the 401 Union Building on February 27, 2009 at the customer's request

March 2009

- CEPS maintenance personnel replaced the steam trap in Manhole A

April 2009

- Steam Service was restored to Wachovia Plaza as requested by Building Manager
- A chilled water leak was discovered in M/H M. This will be monitored and the manhole will be pumped out as necessary until the next chilled water outage is scheduled.
- A leak on condensate drain line at south end of 7th Avenue Tunnel was repaired
- The steam traps were replaced at Stations 4-46 and 4-79 in 4th Avenue EDS Tunnel.
- CEPS isolated steam service to the SunTrust Bank for summer at customer request.
- CEPS maintenance personnel repaired the steam trap in Manhole 23.

May 2009

- Steam service to Parkway Towers was isolated for the summer as requested by Building Manager
- Steam Trap at Station 4-16 in the 4th Avenue EDS Tunnel was repaired

June 2009

- CEPS maintenance personnel repaired a leak on a steam valve in Manhole 13
- Steam Traps were repaired 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 combined to complete projects from last fiscal year as well as the priority items for FY08-09.

DES-033 Manhole Lid and Ring Replacement/ Restoration

This project remains open. It relates to manhole ring and lid replacement that is necessary due to normal wear and whenever Metro Public Works performs street re-paving.

DES-042 401 Union Street Building Condensate Line Replacements

This project is to replace the steam trap line from Manhole 4 into the 401 Union Street Building (formerly Regions bank) and to install a flash tank and tempering station for the condensate produced prior to discharge into the sewer system. U. S. Engineering Company began excavation on May 13, 2008 and discovered additional utilities in the desired path for this condensate line. This caused some design changes and modifications to the proposed routing. The final walk through was conducted on July 24, 2008 and final paving was completed on August 4, 2008. The backup documentation and pay request was submitted to the Metro Contract Administrator on July 29, 2008.



401 Union Condensate Flash Tank and Piping



401 Union Condensate and vent lines

DES-044 Manhole 5 to 9 Condensate Line Replacement

The project to replace the condensate line between Manhole 5 and Manhole 9 was awarded to USE on December 19, 2008. Construction began December 29, 2008. The insulation abatement and re-insulation of the first 100 feet of steam line was completed January 23, 2009. The first 100 feet of condensate line was completed by February 28, 2009 and the area was backfilled and paved the first week of March 2009. This was completed in order to not interfere with Metro Public Works sidewalk renovations on Deaderick Street. Additional support steel was installed in Manhole 5 on March 31, 2009. The support steel was needed for the steam valve, expansion joint and bypass line that was installed April 10, 2009. A walkthrough was conducted on April 28, 2009 and a punch list was developed.



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. Due to the discovery of a 16 inch water main and approximately 22 cubic yards of rock, this project experienced several delays. A walkthrough was conducted on April 28, 2009 and a punch list was developed.



Manhole 9 Expansion



Manhole 9 Expansion

DES-045 Union Street Condensate Line Replacement Manhole 6 to 23

The monthly thermographic surveys of the EDS have indicated several inflamed areas of heat between these two manholes which indicate a probable condensate leak in this area. W.L. Hailey began excavation on July 31, 2008. Excavation and a robotic camera indicated severe deterioration of the condensate line and steam line casing. A decision was made to repair the exposed condensate line and steam line casing with the intent to plan to re-bid the remaining piping next fiscal year. After repairs, the area was backfilled and paved on September 3, 2008.



Manhole 6 to 23 Condensate Line Replacement



Manhole 6 to 23 Condensate Line Replacement

DES-046 Ryman Auditorium Condensate Line Replacement

A pre-bid meeting was held at the EGF Conference Room on March 27, 2009 for the replacement of the condensate line from Manhole 17 in the 4th Avenue Tunnel to the Ryman Auditorium mechanical room. The project was awarded to John E. Green and construction commenced on April 20, 2009. Substantial completion of this project was attained on May 25, 2009.



Ryman Auditorium Condensate Piping



Ryman Auditorium Condensate Piping

DES-047 State Steam Tunnel Condensate Line Replacement - Phase II

The majority of this project was completed during FY 2007-08, however, there were some pipe guides and rollers found to be misaligned and were repaired as a change order to this project. Additionally, the 6 inch 300# Steam isolation valve for the tunnel was replaced on August 6, 2008. A walkthrough was conducted and all punchlist items were completed by August 30, 2008.



State Tunnel Pipe Guide

DES-049 Temporary Boiler Connection at Manhole 15

This project was brought about due to concerns with Homeland Security and Metro's Disaster Preparedness and Recovery Plan. This connection will allow a temporary boiler to be staged so that steam service can be maintained to the Criminal Justice Center in the event of a natural disaster or some other system outage. Work has begun on this project on July 17, 2008 by JEG. A walkthrough was conducted in early August 2008 and punchlist items developed. These items were completed by August 31, 2008 and final invoice was presented to Metro.



Temporary Boiler Isolation Valve



Temporary Boiler Insulation Blanket

DES-050 Manhole and Tunnel Insulation Rehabilitation

- ***Manholes B, M and 10***

There are several manholes in the distribution system in need of insulation repairs. CEPS has compiled a priority based list and sought out bids to make these repairs. The repairs to the insulation began on July 21, 2008 and were completed in all three manholes by August 31, 2008. A walkthrough was conducted and a punchlist was developed. There was a steam valve blanket in Manhole 10 that had to be remade and due to the long lead time this project was not completed until November 2008.



Manhole 10 Insulation



Manhole 10 Insulation

- ***Manholes L, 6 and 13***

The repairs to the insulation began on November 17, 2008 and the work was completed by December 31, 2008. A walkthrough was conducted in early January 2009 and there were no punch list items.



Manhole 6 Insulation



Manhole L Insulation

- ***Manhole C and Manhole L Additional Insulation***

Metro Water requested that any water lines that are inside the DES manholes should be insulated based upon their specifications. The contractor completed the Water line in Manhole C on February 24, 2009. TEG requested additional insulation on a 20 inch elbow on the steam line in Manhole L. The contractor performed this work on February 26, 2009. A final walkthrough was conducted on both projects on March 5, 2009 and this project was closed.

DES-052 Wildhorse Saloon Condensate Tempering Station Installation

The condensate return line between Manhole K and the Wildhorse Saloon had deteriorated to the point that it needed to be replaced. Bids were sought to replace this line in December 2007. The costs were considered excessive so an alternative plan of condensate disposal has become necessary. A tempering station to lower the temperature of the condensate prior to discharging it into the sewer was developed and a pre-bid meeting was held on July 9, 2008. John E. Green was awarded this project and construction began in August 2008. The tempering station substantial completion date was September 30, 2008. A final walkthrough was conducted on October 21, 2008 and all punch list items were completed by October 30, 2008.



Wildhorse Saloon Tempering Station



Wildhorse Saloon Tempering Station

DES-053 EDS Tunnel Structural Evaluation, Mapping and Rehabilitation

TTL (formerly Geosciences) was awarded the contract to perform the Tunnel Mapping portion of this project on July 10, 2008. The mapping was completed in August 2008 and a report was issued in early October 2008. The Contract Administrator, CEPS, TEG and TTL met to review the report on December 5, 2008. TEG employed a Structural Engineer to review the TTL proposal and tour the EDS Tunnel on April 22, 2009. Upon completion of this tour, a recommended priority list was assembled and distributed for repairs to be made pending Capital funding from Metro. This work is expected to take place FY 2009-10.

DES-054 M/H B – M/H B4 (Symphony) Condensate Line Installation

The project to install a condensate line from the Schermerhorn Symphony to Manhole B was awarded to US Engineering (USE) and construction commenced on August 25, 2008. The piping section and all anchors were installed between Manhole B and B2 by October 29, 2008. The piping section and anchors between Manhole B2 and Manhole B3 were completed by November 30, 2009. The section of piping between Manhole B3 and B4 was completed by December 12, 2009. The project achieved substantial completion on this date. Insulation of the piping in the manholes was completed on January 12, 2009 and final paving was completed on February 20, 2009. A punch list was developed and the contractor completed these items and a walkthrough was held on May 7, 2009. Final completion is still pending due to missing close out documents.



Manhole B to Symphony Condensate Line



Manhole B to Symphony Condensate Line

DES-055 Manhole C Rebuild

The contract was awarded to W.L. Hailey. Construction began on September 4, 2008. Excavation revealed that the base was unacceptable for a new manhole so a change in the scope was required for a new cast in place manhole base. The scope was changed due to problems associated with the condensate return line between Manhole 10 and Manhole C. The project achieved substantial completion on October 1, 2008. Due to fabrication issues the manhole access ladder was not installed until November 1, 2008. A walkthrough was conducted on January 30, 2009 and a punch list was developed. This project has been accepted and closed out.



Manhole C - New Concrete Base and Frame



Manhole C - New Insulation

DES-056 Citizen's Plaza Steam and Condensate Service Line Replacement

The project to replace the steam and condensate service lines to the Citizen's Plaza building from Manhole 11 was awarded to U.S. Engineering on December 19, 2008. Excavation began on January 16, 2009 and all of the piping and valves were installed by January 29, 2009. This project achieved substantial completion on February 13, 2009. A walkthrough was conducted on April 28, 2009 and a punch list developed.



Citizen's Plaza Condensate Service Piping



Citizen's Plaza Steam Piping Insulation

DES-057 Manhole 13 Steam and Condensate Valve Replacement - Phase I

This project was to enlarge the manhole opening and replace the castings to improve access for future valve replacements. This project was awarded to US Engineering on December 19, 2008 and was completed on February 13, 2009.



Manhole 13 Manhole Ring Replacement

DES-057 Manhole 13 Steam and Condensate Valve Replacement - Phase II

The 16 inch steam valve and 8 inch condensate valve were replaced during the scheduled steam outage on May 25-26, 2009. This included removing the existing insulation and re-installing upon completion of the job. This work was performed by John E. Green.



Manhole 13 New Steam Valve



Manhole 13 New Condensate Valve

DES-064 2009 Steam Outage

Job 1 State Steam Tunnel PRV Bypass Valve Replacement

NMC removed the existing valve, flanges and associated piping and installed a new butt weld gate valve, butt weld globe valve and necessary piping on April 9, 2009.



State Steam Tunnel PRV Bypass



State Steam Tunnel PRV Bypass

Job 2 Manhole B Steam Valve Replacement

The flanged steam supply valve to the Symphony was replaced with a butt weld steam valve during the scheduled steam outage on May 25-26, 2009. This work was performed by John E. Green.



Manhole B Existing Steam Valve



Manhole B New Steam Valve

Job 3 Manhole 6A Steam Valve Replacement

The flanged steam supply valve to the Hermitage Hotel was replaced with a butt weld steam valve during the scheduled steam outage on May 25-26, 2009. This work was performed by John E. Green. The steam and condensate lines were also insulated during this outage.



Manhole 6A Existing Steam Valve



Manhole 6A New Steam Valve and Insulation

Job 4 Change Order #1

Manhole 23 Steam Valve Replacement

The flanged steam supply valve to the Tennessee Towers was replaced with a butt weld steam valve during the scheduled steam outage on May 25-26, 2009. This work was performed by John E. Green.



Manhole 23 New Steam Valve



Manhole 23 New Steam Valve

Job 5 Change Order #2

Anchor Repair outside of Manhole K

While restoring steam service to the EDS after the steam outage, CEPS personnel noticed abnormal movement of the steam line in Manhole K. Further investigation revealed a failure of the anchor outside of Manhole K. TEG designed a “paddle wheel” type anchor and NMC and Colt Contracting installed this to prevent the steam line from additional movement. This work was performed from May 26, 2009 through June 2, 2009.



Manhole K Anchor Repair



Manhole K Anchor Repair

DES-066 First Avenue Steam Line and Manhole Abandonment - Phase I

NMC modified the steam and condensate piping in Manhole K. This included capping and re-routing the steam line to the Wildhorse Saloon, capping the condensate line and installing a new 2 inch butt weld condensate valve on the condensate line for future use. The steam and condensate were seal welded at the floor elevation. This work was performed on May 25-26, 2009 during the scheduled steam outage. The old steam and condensate piping was removed from the manhole on June 16, 2009 and flow fill was used to fill the lower manhole on June 18, 2009. A walkthrough was conducted on June 22, 2009 and a punch list was developed. NMC is in the process of completing the punch list items.



Manhole K before Modifications



Manhole K after Modifications

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 2009-2010

- Tunnel Structural Repairs
- Tunnel Lighting & Electrical
- Continue Pipe insulation restoration in manholes
- Continue Pipe insulation restoration in tunnels
- 4th Avenue Tunnel Condensate Expansion Joint Replacement north of M/H 17
- Wildhorse Saloon Steam and Condensate Service Line Replacements
- Decouple James K. Polk Building to improve chilled water system hydraulics
- Replace Bellows Expansion Joint in Manhole 23
- Abandonment of First Avenue steam line and manholes north of Manhole K
- Install permanent sump pumps in Manholes A, B & M on First Avenue
- Manhole & Tunnel Structural Steel Corrosion Prevention
- Install additional Division Valves

Marketing and Sales Overview

Sales and Marketing Review 2008 - 2009

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 (see details on page 38). Due to this commitment and other market conditions, Metro DES has requested CEPS suspend sales activities related to pursuing new customers until further notice.

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 =	72.73%	47.68%
	Chilled Water (tons)	Steam (pph)
Installed Capacity	23,400	234,000
Max Allowable Load	20,800	175,500
Maximum Recorded System Peaks	17,400	126,625
Net Undiversified Capacity Available for Resale	3,400	48,875
Net Diversified Capacity Available for Resale	7,494	120,992
Contract Capacity for Existing Customers	24,680	247,087
Diversified Potential for Contract Capacities	32,174	368,079

Music City Center

The **Music City Center**, Nashville's proposed new convention center and associated hotel complex, is expected to open in 2013. The Metro Council passed the land acquisition legislation in June 2009. The approved legislation allocates \$75 million to the Metropolitan Housing and Development Agency to begin purchasing the 16 acres of land in the footprint for the new convention center.



The proposed building layout and design renderings for the new convention center have been produced and presented by Tuck Hinton Architects, a local Nashville firm.



Phelps Portman Nashville, LLC has been selected to develop, design and construct the 1,000-room hotel adjacent to the planned downtown convention center project. Plans call for the hotel to feature approximately 100,000 square feet of meeting space and ballrooms, as well as retail outlets and restaurants. The Phelps Portman group has been involved with the development of 10 hotels with 1,000 or more rooms and has completed more than 30 LEED certified projects. The Music City Center hotel will also be eco-oriented.

Utilities and Fuel Procurement

During FY 2008-2009, CEPS provided proactive support to Metro in the areas of fuel procurement and risk management. Metro, in a collaborative effort with CEPS, Fellow-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, 2010. 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 FY2008-2009:

Natural Gas			
Month	Quantity (DT)	Unit Cost	Amount
July, 08	18,796.6	\$ 13.2873	\$ 249,755.16
August	20,460.5	\$ 12.7593	\$ 261,062.46
September	21,375.2	\$ 12.7971	\$ 273,540.92
October	34,609.9	\$ 11.9692	\$ 414,252.50
November	53,975.3	\$ 11.8279	\$ 638,416.72
December	70,528.1	\$ 11.4566	\$ 808,012.58
January, 09	76,673.5	\$ 10.8600	\$ 832,675.96
February	55,918.0	\$ 10.7335	\$ 600,196.01
March	47,371.3	\$ 9.6867	\$ 458,871.80
April	34,933.0	\$ 9.1680	\$ 320,266.27
May	24,821.8	\$ 8.3248	\$ 206,636.00
June	17,908.6	\$ 9.3433	\$ 167,325.77
Total	477,371.8	\$ 10.96	\$ 5,231,012.14

Propane			
Month	Quantity (DT)	Unit Cost	Amount
July, 08	0	\$ -	\$ -
August	8	\$ 16.0300	\$ 128.24
September	0	\$ -	\$ -
October	8	\$ 13.9838	\$ 111.87
November	16	\$ 13.9831	\$ -
December	8	\$ 14.2100	\$ 223.73
January, 09	16	\$ 14.3269	\$ 113.68
February	206	\$ 14.5659	\$ 3,000.58
March	0	\$ -	\$ -
April	66	\$ 14.5659	\$ 961.35
May	0	\$ -	\$ -
June	0	\$ -	\$ -
Total	703	\$ 12.0300	\$ 4,768.68

During FY 08 – 09, 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, 08	6,412,000	\$ 0.0772	\$ 494,984.15
August	6,048,000	\$ 0.0792	\$ 478,756.19
September	5,180,000	\$ 0.0802	\$ 415,420.14
October	3,584,000	\$ 0.0992	\$ 355,467.30
November	2,464,000	\$ 0.1180	\$ 290,866.28
December	2,268,000	\$ 0.1215	\$ 275,590.88
January, 09	2,072,000	\$ 0.1227	\$ 254,304.90
February	2,100,000	\$ 0.1221	\$ 256,500.14
March	2,632,000	\$ 0.1080	\$ 284,292.98
April	2,884,000	\$ 0.0976	\$ 281,399.58
May	3,836,000	\$ 0.0864	\$ 331,512.34
June	5,796,000	\$ 0.0831	\$ 481,800.58
Total	45,276,000	\$ 0.0928	\$ 4,200,895.46

Water & Sewer						
Month	Quantity (kgal)	Unit Cost	Amount			
July, 08	15,790.280	\$ 3.0453	\$ 48,086.53			
August	14,999.644	\$ 3.0472	\$ 45,707.25			
September	14,344.396	\$ 3.0477	\$ 43,716.76			
October	9,070.248	\$ 3.0540	\$ 27,700.75			
November	5,972.032	\$ 3.0568	\$ 18,255.34			
December	7,512.912	\$ 3.0544	\$ 22,947.43			
January, 09	6,538.268	\$ 3.0586	\$ 19,997.94			
February	5,891.248	\$ 3.0618	\$ 18,038.06			
March	6,927.228	\$ 3.0582	\$ 21,185.13			
April	7,785.184	\$ 3.0545	\$ 23,780.15			
May	8,922.144	\$ 3.0524	\$ 27,233.97			
June	14,239.676	\$ 3.2396	\$ 46,130.53			
Total	117,993.260	\$ 3.0746	\$ 362,779.84			

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 2008 – 2009.

Appendix 3 – Customer Rate Reconciliation

Monthly Reconciliation charts from July 2008 to June 2009 are found in this appendix. The final chart is a Summary Reconciliation table for FY 08-09.

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** – Replacement and repair allowance was set at \$169,860 annually for FY 08-09.
- 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, 2009

Buildings Served

Customer Name

PRIVATE

1	Parkway Towers
2	Wachovia Bank
3	401 Union
4	Sheraton Hotel
5	Hermitage Hotel
6	501 Building
7	Sun Trust Bank
8	Fifth Third Financial Center
9	Renaissance Hotel
10	Renaissance Office Tower
11	St. Mary of the Seven Sorrows
12	Nashville City Center
13	Wildhorse Saloon
14	Ryman Auditorium
15	Schermerhorn Symphony Center
16	Viridian Residential Tower

STATE

17	Andrew Jackson
18	Central Services
19	Cordell Hull Building
20	John Sevier
21	War Memorial Building
22	Library and Archives
23	Supreme Court Building
24	State Capitol Building
25	James K. Polk
26	Citizen Plaza Building
27	Tennessee Tower
28	Tennessee State University
29	Tennessee Performing Arts Ctr.
30	Legislative Plaza Bldg.
31	Rachel Jackson Bldg.

METRO

32	A. A. Birch
33	Metro Courthouse
34	Municipal Auditorium
35	Criminal Justice Center
36	Convention Center
37	Sommet Center
38	LP Field
39	Hume Fogg School
40	Nashville Public Library

Appendix 2

*Metro Nashville District Energy System
FY 08-09*

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	76,752.32	85,437.51	84,226.09	95,199.99	95,776.78	98,071.94	88,435.77	80,376.15	77,270.37	69,354.06	75,068.50	60,200.77	986,170.25
4	Metro Courthouse	28,598.45	28,165.24	27,038.07	29,546.76	35,776.91	37,221.17	37,476.55	28,449.07	27,184.69	23,774.06	22,105.07	19,996.81	345,332.85
7	Parkway Towers	29,519.44	27,480.15	25,497.78	28,132.48	35,990.77	39,178.67	41,735.27	39,013.87	36,818.84	32,650.21	28,085.31	18,865.69	382,968.48
9	Wachovia	11,664.51	11,231.47	10,311.08	12,600.55	16,646.23	16,135.69	16,601.56	13,378.13	13,387.23	11,867.60	12,047.31	10,700.34	156,571.70
10	Regions Financial Corporation	10,605.74	16,106.74	12,403.77	7,411.72	8,328.67	12,856.53	12,126.00	10,409.75	7,287.87	7,276.86	7,285.81	4,818.77	116,918.23
11	Sheraton Hotel	76,881.26	72,491.72	65,221.31	71,610.72	80,752.78	84,034.36	86,473.10	78,047.14	72,627.73	62,898.84	58,386.61	57,317.36	866,742.93
12	Municipal Auditorium	22,421.85	19,256.72	17,336.35	16,357.70	26,648.09	27,156.71	34,819.88	22,545.06	17,212.10	14,566.65	15,149.53	11,913.68	245,384.32
21	Hermitage Hotel	29,870.86	25,785.37	25,613.23	29,589.81	32,265.13	30,153.85	31,655.82	28,379.35	26,264.44	24,125.09	25,222.53	23,826.35	332,751.83
24	Criminal Justice Center	59,053.72	59,144.44	55,792.03	51,964.11	62,243.10	67,987.85	68,900.83	60,053.58	58,855.52	51,412.15	43,288.43	38,751.33	677,447.09
25	501 Union Association	9,528.72	9,318.59	9,037.70	10,327.13	12,775.07	14,286.77	12,987.54	12,228.73	11,549.98	10,154.09	9,382.58	7,120.96	128,697.86
28	Sun Trust Bank	43,233.22	41,892.69	36,817.40	36,867.78	52,986.73	64,981.42	69,752.60	58,105.66	49,377.69	33,730.88	27,471.97	32,380.30	547,598.34
29	Fifth Third Financial Center	34,837.88	34,295.52	33,089.35	29,026.55	26,616.71	24,841.60	23,874.31	24,200.43	25,351.93	25,938.39	27,287.41	24,599.01	333,959.09
32	Renaissance Hotel	87,916.87	87,000.80	88,340.66	97,049.78	111,680.18	109,035.17	106,778.34	94,153.18	90,843.90	86,884.86	80,906.46	64,534.10	1,105,124.30
33	Convention Center	86,510.97	77,586.61	79,802.41	75,604.81	92,895.22	96,460.29	106,093.40	102,718.90	96,668.01	81,551.16	64,111.62	53,528.67	1,013,532.07
34	Renaissance Office Tower	12,905.19	8,749.53	8,220.05	7,451.09	6,923.81	7,988.17	8,206.92	8,483.49	8,361.09	8,599.69	8,612.80	8,068.27	102,570.10
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	41,871.99	40,193.08	38,135.09	33,798.42	28,692.30	24,819.83	23,802.88	25,038.52	27,155.45	28,603.08	31,297.77	31,341.80	374,750.21
38	Wildhorse Saloon	16,624.42	15,121.38	15,823.72	17,994.28	17,191.40	20,222.73	17,483.47	12,204.03	13,785.10	14,156.05	12,478.67	13,258.44	186,343.69
39	Ryman Auditorium	22,940.65	22,318.62	19,301.21	18,109.36	17,323.27	18,141.60	18,876.28	17,366.55	17,989.83	17,310.77	18,022.99	19,455.43	227,156.56
40	Sommet Center	119,600.45	164,647.21	187,231.80	185,839.87	180,503.71	208,885.87	191,276.21	156,344.59	136,101.32	106,059.97	93,043.21	118,071.23	1,847,605.44
41	LP Field	64,987.97	62,977.31	57,776.64	40,435.50	30,703.25	28,756.28	27,342.22	28,214.53	30,089.36	33,459.77	40,574.93	43,777.45	489,095.21
43	Hume Fogg School	11,908.89	12,470.45	12,235.60	21,412.20	31,389.24	25,607.57	25,700.02	21,322.62	20,288.94	18,349.30	18,595.81	18,032.18	237,312.82
44	Schermerhorn Symphony	35,300.98	31,207.71	34,203.78	31,045.66	30,761.31	33,266.01	32,962.68	28,867.07	26,835.13	26,953.44	25,664.65	27,326.11	364,394.53
45	Nashville Public Library	51,905.63	44,544.10	35,056.50	41,228.76	49,371.58	50,625.29	50,494.67	45,846.44	45,653.42	40,953.22	36,975.54	27,781.11	520,436.26
49	Viridian Residential	21,209.59	20,753.92	20,057.69	17,414.87	14,695.82	13,398.67	13,328.88	13,585.63	14,391.96	15,692.27	16,525.12	18,645.95	199,700.37
S1	State Government of TN	<u>513,640.41</u>	<u>491,872.15</u>	<u>489,093.65</u>	<u>517,699.48</u>	<u>580,188.69</u>	<u>629,314.89</u>	<u>638,168.25</u>	<u>544,351.10</u>	<u>490,036.53</u>	<u>447,711.30</u>	<u>437,578.21</u>	<u>439,776.62</u>	<u>6,219,431.28</u>
	Grand Totals:	1,521,169.98	1,510,927.03	1,488,540.96	1,524,597.38	1,680,004.75	1,784,306.93	1,786,231.45	1,554,561.57	1,442,266.43	1,294,911.76	1,236,046.84	1,194,966.73	18,018,531.81

Appendix 3

**Metro Nashville District Energy System
FY 08-09**

Chilled Water and Steam Revenues

July, 08 - June, 09

Customer Number	Customer Name	State Capacity	State 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	\$ 161,662.07	\$ 169,930.20	\$ 7,443.60	\$ 16,460.80	\$ 22,673.18	\$ 8,020.86	\$ 935.51	\$ 1,302.49	\$ 2,801.05	\$ -	\$ 12,962.07	\$ 211,734.01	\$ 369,952.67	\$ 291.74	\$ 986,170.25
4	Metro Courthouse	\$ 76,530.59	\$ 79,292.52	\$ 3,473.40	\$ 7,681.18	\$ 6,444.32	\$ 2,351.16	\$ 436.54	\$ 607.78	\$ 1,307.07	\$ -	\$ 7,382.55	\$ 75,857.79	\$ 83,893.21	\$ 74.74	\$ 345,332.85
7	Parkway Towers	\$ 69,771.10	\$ 76,930.68	\$ 3,369.48	\$ 7,451.34	\$ 8,036.56	\$ 3,047.27	\$ 423.44	\$ 589.60	\$ 1,267.94	\$ 7,247.04	\$ 2,216.49	\$ 99,515.26	\$ 102,975.92	\$ 126.36	\$ 382,968.48
9	Wachovia	\$ 30,069.23	\$ 33,005.16	\$ 1,445.64	\$ 3,196.94	\$ 3,144.04	\$ 1,100.57	\$ 181.71	\$ 252.95	\$ 543.98	\$ 2,604.00	\$ 780.31	\$ 35,133.60	\$ 45,069.47	\$ 44.10	\$ 156,571.70
10	401 Union	\$ 35,546.01	\$ 39,927.48	\$ 1,748.76	\$ 3,867.17	\$ 1,168.39	\$ 346.65	\$ 219.80	\$ 305.99	\$ 658.05	\$ 3,170.04	\$ 819.11	\$ 8,949.16	\$ 20,172.18	\$ 19.44	\$ 116,918.23
11	Sheraton Hotel	\$ 147,218.00	\$ 154,517.88	\$ 6,768.60	\$ 14,967.94	\$ 18,597.34	\$ 6,542.89	\$ 850.60	\$ 1,184.36	\$ 2,547.04	\$ 12,570.00	\$ 379.26	\$ 160,472.62	\$ 339,818.16	\$ 308.24	\$ 866,742.93
12	Municipal Auditorium	\$ 74,956.59	\$ 82,985.28	\$ 3,634.68	\$ 8,038.09	\$ 1,634.58	\$ 615.27	\$ 456.69	\$ 642.69	\$ 1,367.52	\$ -	\$ -	\$ 12,424.33	\$ 58,578.34	\$ 50.26	\$ 245,384.32
21	Hermitage Hotel	\$ 71,108.60	\$ 72,451.56	\$ 3,173.88	\$ 7,018.79	\$ 6,974.94	\$ 2,516.32	\$ 398.91	\$ 555.37	\$ 1,194.32	\$ 2,829.96	\$ 2,985.71	\$ 73,192.70	\$ 88,275.18	\$ 75.59	\$ 332,751.83
24	Criminal Justice Center	\$ 120,238.22	\$ 119,120.88	\$ 5,218.68	\$ 10,915.91	\$ 16,259.25	\$ 6,230.83	\$ 542.17	\$ 913.16	\$ 1,963.82	\$ -	\$ 3,484.64	\$ 166,401.78	\$ 225,960.35	\$ 197.40	\$ 677,447.09
25	501 Union Association	\$ 28,036.49	\$ 29,207.16	\$ 1,279.44	\$ 2,829.35	\$ 2,385.44	\$ 914.41	\$ 160.77	\$ 223.87	\$ 481.43	\$ 2,378.04	\$ 1,484.29	\$ 30,375.36	\$ 28,910.39	\$ 31.42	\$ 128,697.86
28	Sun Trust Bank	\$ 250,468.80	\$ -	\$ -	\$ -	\$ 10,041.30	\$ 3,828.50	\$ 588.15	\$ 798.35	\$ -	\$ -	\$ 1,181.36	\$ 119,490.87	\$ 161,007.95	\$ 193.06	\$ 547,598.34
29	Fifth Third Financial Center	\$ 85,683.15	\$ 108,106.68	\$ 4,733.76	\$ 10,468.29	\$ 7,260.16	\$ 2,359.49	\$ 594.92	\$ 828.32	\$ 1,781.33	\$ 8,039.04	\$ 2,396.88	\$ 101,707.07	\$ -	\$ -	\$ 333,959.09
32	Renaissance Hotel	\$ 176,607.67	\$ 180,185.88	\$ 7,893.48	\$ 17,455.38	\$ 25,610.20	\$ 9,278.19	\$ 991.87	\$ 1,381.18	\$ 2,970.28	\$ 14,946.96	\$ 46.42	\$ 246,637.25	\$ 420,735.19	\$ 384.35	\$ 1,105,124.30
33	Convention Center	\$ 217,461.85	\$ 228,123.12	\$ 9,992.88	\$ 22,097.87	\$ 21,349.23	\$ 8,380.96	\$ 1,255.73	\$ 1,748.53	\$ 3,760.29	\$ -	\$ -	\$ 260,893.43	\$ 238,189.32	\$ 278.86	\$ 1,013,532.07
34	Renaissance Office Tower	\$ 21,638.72	\$ 27,303.10	\$ 1,195.60	\$ 2,193.83	\$ 2,902.06	\$ 1,067.24	\$ 67.70	\$ 202.51	\$ 447.34	\$ 2,322.00	\$ 85.38	\$ 43,144.62	\$ -	\$ -	\$ 102,570.10
35	St. Mary of the Seven	\$ 10,196.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 339.96	\$ -	\$ -	\$ -	\$ -	\$ 10,536.00
36	Nashville City Center	\$ 69,828.06	\$ 88,102.32	\$ 3,857.88	\$ 8,463.83	\$ 12,535.06	\$ 4,125.66	\$ 472.50	\$ 675.04	\$ 1,451.69	\$ 7,700.04	\$ -	\$ 177,538.13	\$ -	\$ -	\$ 374,750.21
38	Wildhorse Saloon	\$ 24,713.80	\$ 27,235.04	\$ 1,192.99	\$ 2,645.22	\$ 5,079.50	\$ 1,689.53	\$ 151.28	\$ 207.60	\$ 449.02	\$ 1,868.04	\$ 443.36	\$ 53,820.21	\$ 66,796.54	\$ 51.56	\$ 186,343.69
39	Ryman Auditorium	\$ 23,344.98	\$ 25,886.56	\$ 1,133.83	\$ 2,378.00	\$ 6,946.85	\$ 2,252.12	\$ 118.71	\$ 187.09	\$ 426.41	\$ 1,812.00	\$ -	\$ 60,518.90	\$ 102,066.15	\$ 84.96	\$ 227,156.56
40	Sommet Center	\$ 288,807.24	\$ 326,726.16	\$ 14,309.76	\$ 31,644.42	\$ 47,202.38	\$ 18,232.74	\$ 1,798.26	\$ 2,503.91	\$ 5,384.78	\$ -	\$ 6,054.01	\$ 491,084.38	\$ 613,410.37	\$ 447.03	\$ 1,847,605.44
41	LP Field	\$ 123,225.98	\$ 155,474.64	\$ 6,807.96	\$ 13,330.46	\$ 12,872.25	\$ 3,236.34	\$ 541.63	\$ 1,191.25	\$ 2,561.82	\$ -	\$ 2,149.06	\$ 167,703.82	\$ -	\$ -	\$ 489,095.21
43	Hume Fogg School	\$ 41,037.35	\$ 44,376.96	\$ 1,943.88	\$ 4,298.37	\$ 4,497.18	\$ 1,681.59	\$ 244.21	\$ 340.12	\$ 731.44	\$ -	\$ 847.59	\$ 42,712.03	\$ 94,515.04	\$ 87.06	\$ 237,312.82
44	Schermerhorn Symphony	\$ 155,376.00	\$ -	\$ -	\$ -	\$ 7,903.59	\$ 2,687.21	\$ 361.51	\$ 490.00	\$ -	\$ -	\$ -	\$ 64,477.26	\$ 132,994.96	\$ 104.00	\$ 364,394.53
45	Nashville Public Library	\$ 70,410.48	\$ -	\$ -	\$ -	\$ 18,985.05	\$ 7,294.34	\$ 561.05	\$ 762.35	\$ -	\$ -	\$ 510.75	\$ 214,287.30	\$ 207,435.89	\$ 189.05	\$ 520,436.26
49	Viridian Residential	\$ 148,176.00	\$ -	\$ -	\$ -	\$ 3,434.10	\$ 960.90	\$ 323.04	\$ 433.69	\$ -	\$ -	\$ -	\$ 46,372.64	\$ -	\$ -	\$ 199,700.37
51	State Government of TN	\$ 1,639,133.88	\$ 1,091,104.08	\$ -	\$ -	\$ 128,493.36	\$ 46,826.86	\$ -	\$ 9,224.11	\$ 19,836.80	\$ -	\$ 53,164.66	\$ 1,346,664.75	\$ 1,883,263.04	\$ 1,719.74	\$ 6,219,431.28
	Grand Totals:	\$ 4,161,246.90	\$ 3,159,993.34	\$ 90,618.18	\$ 197,403.18	\$ 402,430.31	\$ 145,587.90	\$ 12,676.70	\$ 27,552.31	\$ 53,933.42	\$ 67,827.12	\$ 99,373.90	\$ 4,311,109.27	\$ 5,284,020.32	\$ 4,758.96	\$ 18,018,531.81
	Rate Calculation Totals:	\$ 4,688,019.18	\$ 4,387,350.84	\$ 144,381.00	\$ 484,033.88	\$ 409,687.84	\$ 150,279.81	\$ 48,126.96	\$ 25,263.61	\$ 54,330.27	\$ 67,827.12	\$ 99,373.90	\$ 4,332,195.68	\$ 5,302,464.89	\$ 4,768.68	\$ 20,198,103.66
	Deviation:	\$ (526,772.28)	\$ (1,227,357.50)	\$ (53,762.82)	\$ (286,630.70)	\$ (7,257.53)	\$ (4,691.91)	\$ (35,450.26)	\$ 2,288.70	\$ (396.85)	\$ -	\$ -	\$ (21,086.41)	\$ (18,444.57)	\$ (9.72)	\$ (2,179,571.85)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

July, 08

Customer Number	Customer Name	State Capacity	State 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	\$ 13,449.89	\$ 14,160.85	\$ 620.30	\$ 2,137.87	\$ 2,974.04	\$ 772.92	\$ 206.78	\$ -	\$ 191.86	\$ -	\$ 609.22	\$ 23,632.67	\$ 17,995.92	\$ -	\$ 76,752.32
4	Metro Courthouse	\$ 6,367.15	\$ 6,607.71	\$ 289.45	\$ 997.61	\$ 987.87	\$ 242.43	\$ 96.49	\$ -	\$ 89.52	\$ -	\$ 425.39	\$ 10,194.68	\$ 2,300.15	\$ -	\$ 28,598.45
7	Parkway Towers	\$ 5,804.78	\$ 6,410.89	\$ 280.79	\$ 967.75	\$ 1,165.79	\$ 275.53	\$ 93.60	\$ -	\$ 86.85	\$ 603.92	\$ 68.08	\$ 13,761.46	\$ -	\$ -	\$ 29,519.44
9	Wachovia	\$ 2,501.68	\$ 2,750.43	\$ 120.47	\$ 415.19	\$ 417.42	\$ 98.66	\$ 40.16	\$ -	\$ 37.26	\$ 217.00	\$ 138.79	\$ 4,927.45	\$ -	\$ -	\$ 11,664.51
10	401 Union	\$ 2,957.34	\$ 3,327.29	\$ 145.73	\$ 502.25	\$ 233.94	\$ 55.29	\$ 48.58	\$ -	\$ 45.07	\$ 264.17	\$ 264.57	\$ 2,761.51	\$ -	\$ -	\$ 10,605.74
11	Sheraton Hotel	\$ 12,248.17	\$ 12,876.49	\$ 564.05	\$ 1,943.98	\$ 3,034.24	\$ 804.97	\$ 188.02	\$ -	\$ 174.46	\$ 1,047.50	\$ -	\$ 21,422.61	\$ 22,576.77	\$ -	\$ 76,881.26
12	Municipal Auditorium	\$ 6,325.63	\$ 6,988.12	\$ 306.08	\$ 1,054.89	\$ 463.76	\$ 125.57	\$ 102.02	\$ -	\$ 94.67	\$ -	\$ -	\$ 2,858.53	\$ 4,102.58	\$ -	\$ 22,421.85
21	Hermitage Hotel	\$ 5,916.06	\$ 6,037.63	\$ 264.49	\$ 911.57	\$ 1,059.85	\$ 272.92	\$ 88.17	\$ -	\$ 81.80	\$ 235.83	\$ 402.28	\$ 8,835.28	\$ 5,764.98	\$ -	\$ 29,870.86
24	Criminal Justice Center	\$ 10,003.52	\$ 9,926.74	\$ 434.89	\$ 1,498.85	\$ 2,312.40	\$ 612.70	\$ 144.97	\$ -	\$ 134.51	\$ -	\$ 524.97	\$ 16,452.52	\$ 17,007.65	\$ -	\$ 59,053.72
25	501 Union Association	\$ 2,332.57	\$ 2,433.93	\$ 106.62	\$ 367.46	\$ 301.21	\$ 71.19	\$ 35.54	\$ -	\$ 32.97	\$ 198.17	\$ 93.41	\$ 3,555.65	\$ -	\$ -	\$ 9,528.72
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 1,705.00	\$ 402.98	\$ 126.21	\$ -	\$ -	\$ -	\$ -	\$ 20,126.63	\$ -	\$ -	\$ 43,233.22
29	Fifth Third Financial Center	\$ 7,128.62	\$ 9,008.89	\$ 394.48	\$ 1,359.59	\$ 1,228.05	\$ 290.25	\$ 131.50	\$ -	\$ 122.01	\$ 669.92	\$ 8.07	\$ 14,496.50	\$ -	\$ -	\$ 34,837.88
32	Renaissance Hotel	\$ 14,693.32	\$ 15,015.49	\$ 657.79	\$ 2,267.05	\$ 3,564.64	\$ 918.21	\$ 219.26	\$ -	\$ 203.45	\$ 1,245.58	\$ -	\$ 29,669.09	\$ 19,462.99	\$ -	\$ 87,916.87
33	Convention Center	\$ 18,092.28	\$ 19,010.26	\$ 832.74	\$ 2,870.01	\$ 3,123.66	\$ 785.39	\$ 277.58	\$ -	\$ 257.57	\$ -	\$ -	\$ 29,152.35	\$ 12,109.13	\$ -	\$ 86,510.97
34	Renaissance Office Tower	\$ 2,433.16	\$ 3,074.94	\$ 134.65	\$ 464.06	\$ 493.30	\$ 116.59	\$ 44.88	\$ -	\$ 41.65	\$ 193.50	\$ 85.38	\$ 5,823.08	\$ -	\$ -	\$ 12,905.19
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,809.52	\$ 7,341.86	\$ 321.49	\$ 1,108.00	\$ 2,027.70	\$ 479.25	\$ 107.16	\$ -	\$ 99.44	\$ 641.67	\$ -	\$ 23,935.90	\$ -	\$ -	\$ 41,871.99
38	Wildhorse Saloon	\$ 2,046.45	\$ 2,257.35	\$ 98.88	\$ 340.76	\$ 821.73	\$ 203.75	\$ 32.96	\$ -	\$ 30.58	\$ 155.67	\$ 47.78	\$ 8,136.71	\$ 2,451.80	\$ -	\$ 16,624.42
39	Ryman Auditorium	\$ 2,128.78	\$ 2,423.06	\$ 106.12	\$ 365.75	\$ 1,136.27	\$ 299.14	\$ 35.38	\$ -	\$ 32.82	\$ 151.00	\$ -	\$ 8,400.05	\$ 7,862.28	\$ -	\$ 22,940.65
40	Sommet Center	\$ 24,028.05	\$ 27,227.18	\$ 1,192.48	\$ 4,109.87	\$ 4,157.55	\$ 1,068.23	\$ 397.50	\$ -	\$ 368.84	\$ -	\$ -	\$ 35,049.86	\$ 22,000.89	\$ -	\$ 119,600.45
41	LP Field	\$ 10,252.10	\$ 12,956.22	\$ 567.33	\$ 1,955.30	\$ 2,979.70	\$ 704.25	\$ 189.11	\$ -	\$ 175.47	\$ -	\$ 34.81	\$ 35,173.68	\$ -	\$ -	\$ 64,987.97
43	Hume Fogg School	\$ 3,414.21	\$ 3,698.08	\$ 161.99	\$ 558.27	\$ 299.44	\$ 70.77	\$ 53.99	\$ -	\$ 50.10	\$ -	\$ 67.30	\$ 3,534.74	\$ -	\$ -	\$ 11,908.89
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 1,339.74	\$ 367.67	\$ 77.44	\$ -	\$ -	\$ -	\$ -	\$ 7,452.15	\$ 13,115.98	\$ -	\$ 35,300.98
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 2,927.21	\$ 772.72	\$ 120.55	\$ -	\$ -	\$ -	\$ 129.43	\$ 21,298.75	\$ 20,789.43	\$ -	\$ 51,905.63
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 674.28	\$ 159.37	\$ 68.44	\$ -	\$ -	\$ -	\$ -	\$ 7,959.50	\$ -	\$ -	\$ 21,209.59
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 18,921.24	\$ 4,834.41	\$ -	\$ -	\$ 1,358.73	\$ -	\$ 3,894.66	\$ 163,964.48	\$ 93,147.06	\$ -	\$ 513,640.41
	Grand Totals:	\$ 347,413.38	\$ 264,458.75	\$ 7,600.82	\$ 26,196.08	\$ 58,350.03	\$ 14,805.16	\$ 2,926.29	\$ -	\$ 3,709.63	\$ 5,652.26	\$ 6,794.14	\$ 522,575.83	\$ 260,687.61	\$ -	\$ 1,521,169.98
	Rate Calculation Totals:	\$ 390,254.16	\$ 365,612.57	\$ 12,031.75	\$ 41,467.25	\$ 58,363.63	\$ 14,809.07	\$ 4,010.58	\$ -	\$ 3,721.39	\$ 5,652.26	\$ 6,794.14	\$ 522,736.66	\$ 260,687.62	\$ -	\$ 1,686,141.08
	Deviation:	\$ (42,840.78)	\$ (101,153.82)	\$ (4,430.93)	\$ (15,271.17)	\$ (13.60)	\$ (3.91)	\$ (1,084.29)	\$ -	\$ (11.76)	\$ -	\$ -	\$ (160.83)	\$ (0.01)	\$ -	\$ (164,971.10)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

August, 08

Customer Number	Customer Name	State Capacity	State 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	\$ 13,570.38	\$ 14,160.85	\$ 620.30	\$ 2,074.26	\$ 3,368.64	\$ 912.59	\$ 206.78	\$ -	\$ 187.57	\$ -	\$ 652.40	\$ 23,781.70	\$ 25,889.81	\$ 12.23	\$ 85,437.51
4	Metro Courthouse	\$ 6,424.19	\$ 6,607.71	\$ 289.45	\$ 967.92	\$ 966.87	\$ 239.51	\$ 96.49	\$ -	\$ 87.53	\$ -	\$ 474.13	\$ 9,673.37	\$ 2,336.97	\$ 1.10	\$ 28,165.24
7	Parkway Towers	\$ 5,856.79	\$ 6,410.89	\$ 280.79	\$ 938.96	\$ 1,049.02	\$ 248.70	\$ 93.60	\$ -	\$ 84.90	\$ 603.92	\$ -	\$ 11,912.58	\$ -	\$ -	\$ 27,480.15
9	Wachovia	\$ 2,524.10	\$ 2,750.43	\$ 120.47	\$ 402.85	\$ 402.19	\$ 95.35	\$ 40.16	\$ -	\$ 36.43	\$ 217.00	\$ 75.28	\$ 4,567.21	\$ -	\$ -	\$ 11,231.47
10	401 Union	\$ 2,983.83	\$ 3,327.29	\$ 145.73	\$ 487.31	\$ 524.73	\$ 143.66	\$ 48.58	\$ -	\$ 44.07	\$ 264.17	\$ 246.98	\$ 3,512.86	\$ 4,375.46	\$ 2.07	\$ 16,106.74
11	Sheraton Hotel	\$ 12,357.89	\$ 12,876.49	\$ 564.05	\$ 1,886.14	\$ 2,759.46	\$ 739.61	\$ 188.02	\$ -	\$ 170.56	\$ 1,047.50	\$ -	\$ 20,490.28	\$ 19,402.55	\$ 9.17	\$ 72,491.72
12	Municipal Auditorium	\$ 6,382.30	\$ 6,988.12	\$ 306.08	\$ 1,023.51	\$ 293.30	\$ 76.14	\$ 102.02	\$ -	\$ 92.55	\$ -	\$ -	\$ 2,492.54	\$ 1,499.45	\$ 0.71	\$ 19,256.72
21	Hermitage Hotel	\$ 5,969.05	\$ 6,037.63	\$ 264.49	\$ 884.45	\$ 823.96	\$ 209.03	\$ 88.17	\$ -	\$ 79.98	\$ 235.83	\$ 462.90	\$ 7,618.36	\$ 3,110.05	\$ 1.47	\$ 25,785.37
24	Criminal Justice Center	\$ 10,093.14	\$ 9,926.74	\$ 434.89	\$ 1,454.25	\$ 2,272.98	\$ 615.37	\$ 144.97	\$ -	\$ 131.51	\$ -	\$ 586.12	\$ 16,096.47	\$ 17,379.79	\$ 8.21	\$ 59,144.44
25	501 Union Association	\$ 2,353.46	\$ 2,433.93	\$ 106.62	\$ 356.53	\$ 291.67	\$ 69.15	\$ 35.54	\$ -	\$ 32.23	\$ 198.17	\$ 129.12	\$ 3,312.17	\$ -	\$ -	\$ 9,318.59
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 1,659.14	\$ 393.34	\$ 126.73	\$ -	\$ -	\$ -	\$ -	\$ 18,841.08	\$ -	\$ -	\$ 41,892.69
29	Fifth Third Financial Center	\$ 7,192.49	\$ 9,008.89	\$ 394.48	\$ 1,319.13	\$ 1,225.08	\$ 290.44	\$ 131.50	\$ -	\$ 119.29	\$ 669.92	\$ 32.40	\$ 13,911.90	\$ -	\$ -	\$ 34,295.52
32	Renaissance Hotel	\$ 14,824.95	\$ 15,015.49	\$ 657.79	\$ 2,199.59	\$ 3,503.06	\$ 914.66	\$ 219.26	\$ -	\$ 198.90	\$ 1,245.58	\$ -	\$ 29,092.35	\$ 19,120.14	\$ 9.03	\$ 87,000.80
33	Convention Center	\$ 18,254.36	\$ 19,010.26	\$ 832.74	\$ 2,784.60	\$ 2,624.05	\$ 653.00	\$ 277.58	\$ -	\$ 251.80	\$ -	\$ -	\$ 25,873.62	\$ 7,021.28	\$ 3.32	\$ 77,586.61
34	Renaissance Office Tower	\$ 1,758.47	\$ 2,202.56	\$ 96.45	\$ 322.51	\$ 326.75	\$ 77.46	\$ 32.15	\$ -	\$ 29.16	\$ 193.50	\$ -	\$ 3,710.52	\$ -	\$ -	\$ 8,749.53
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,861.57	\$ 7,341.86	\$ 321.49	\$ 1,075.03	\$ 1,965.15	\$ 465.89	\$ 107.16	\$ -	\$ 97.21	\$ 641.67	\$ -	\$ 22,316.05	\$ -	\$ -	\$ 40,193.08
38	Wildhorse Saloon	\$ 2,064.79	\$ 2,257.35	\$ 98.88	\$ 330.62	\$ 734.13	\$ 182.49	\$ 32.96	\$ -	\$ 29.89	\$ 155.67	\$ 50.97	\$ 7,264.26	\$ 1,918.46	\$ 0.91	\$ 15,121.38
39	Ryman Auditorium	\$ 1,837.54	\$ 2,034.38	\$ 89.10	\$ 297.95	\$ 1,103.57	\$ 300.67	\$ 29.70	\$ -	\$ 26.95	\$ 151.00	\$ -	\$ 7,574.01	\$ 8,869.56	\$ 4.19	\$ 22,318.62
40	Sommet Center	\$ 24,243.30	\$ 27,227.18	\$ 1,192.48	\$ 3,987.58	\$ 6,735.60	\$ 1,818.16	\$ 397.50	\$ -	\$ 360.59	\$ -	\$ -	\$ 48,384.49	\$ 50,276.58	\$ 23.75	\$ 164,647.21
41	LP Field	\$ 10,343.94	\$ 12,956.22	\$ 567.33	\$ 1,897.12	\$ 2,910.67	\$ 690.05	\$ 189.11	\$ -	\$ 171.55	\$ -	\$ 198.05	\$ 33,053.27	\$ -	\$ -	\$ 62,977.31
43	Hume Fogg School	\$ 3,444.79	\$ 3,698.08	\$ 161.99	\$ 541.65	\$ 353.64	\$ 83.84	\$ 53.99	\$ -	\$ 48.98	\$ -	\$ 67.57	\$ 4,015.92	\$ -	\$ -	\$ 12,470.45
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 1,079.03	\$ 301.16	\$ 77.78	\$ -	\$ -	\$ -	\$ -	\$ 6,494.22	\$ 10,302.65	\$ 4.87	\$ 31,207.71
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 2,529.19	\$ 664.55	\$ 121.02	\$ -	\$ -	\$ -	\$ 126.56	\$ 20,473.04	\$ 14,755.23	\$ 6.97	\$ 44,544.10
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 662.04	\$ 156.95	\$ 68.85	\$ -	\$ -	\$ -	\$ -	\$ 7,518.08	\$ -	\$ -	\$ 20,753.92
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 17,575.42	\$ 4,541.69	\$ -	\$ -	\$ 1,328.36	\$ -	\$ 3,710.48	\$ 151,961.08	\$ 85,195.05	\$ 40.24	\$ 491,872.15
	Grand Totals:	\$ 347,821.43	\$ 263,197.69	\$ 7,545.60	\$ 25,231.96	\$ 57,739.34	\$ 14,883.46	\$ 2,909.62	\$ -	\$ 3,610.01	\$ 5,652.26	\$ 6,812.96	\$ 503,941.43	\$ 271,453.03	\$ 128.24	\$ 1,510,927.03
	Rate Calculation Totals:	\$ 392,526.57	\$ 365,612.57	\$ 12,031.75	\$ 40,233.33	\$ 57,753.39	\$ 14,884.66	\$ 4,010.58	\$ -	\$ 3,638.20	\$ 5,652.26	\$ 6,812.96	\$ 504,101.05	\$ 271,453.02	\$ 128.24	\$ 1,678,838.58
	Deviation:	\$ (44,705.14)	\$ (102,414.88)	\$ (4,486.15)	\$ (15,001.37)	\$ (14.05)	\$ (1.20)	\$ (1,100.96)	\$ -	\$ (28.19)	\$ -	\$ -	\$ (159.62)	\$ 0.01	\$ -	\$ (167,911.55)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

September, 08

Customer Number	Customer Name	State Capacity	State 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	\$ 13,570.38	\$ 14,160.85	\$ 620.30	\$ 2,074.26	\$ 3,170.21	\$ 812.89	\$ 206.78	\$ 1,302.49	\$ 218.59	\$ -	\$ 652.40	\$ 20,796.63	\$ 26,640.31	\$ -	\$ 84,226.09
4	Metro Courthouse	\$ 6,424.19	\$ 6,607.71	\$ 289.45	\$ 967.92	\$ 847.30	\$ 201.09	\$ 96.49	\$ 607.78	\$ 102.00	\$ -	\$ 541.45	\$ 7,625.35	\$ 2,727.34	\$ -	\$ 27,038.07
7	Parkway Towers	\$ 5,856.79	\$ 6,410.89	\$ 280.79	\$ 938.96	\$ 878.05	\$ 197.99	\$ 93.60	\$ 589.60	\$ 98.95	\$ 603.92	\$ 316.11	\$ 9,232.13	\$ -	\$ -	\$ 25,497.78
9	Wachovia	\$ 2,524.10	\$ 2,750.43	\$ 120.47	\$ 402.85	\$ 332.90	\$ 75.06	\$ 40.16	\$ 252.95	\$ 42.45	\$ 217.00	\$ 52.48	\$ 3,500.23	\$ -	\$ -	\$ 10,311.08
10	401 Union	\$ 2,983.83	\$ 3,327.29	\$ 145.73	\$ 487.31	\$ 300.75	\$ 74.39	\$ 48.58	\$ 305.99	\$ 51.35	\$ 264.17	\$ 307.56	\$ 2,322.59	\$ 1,784.23	\$ -	\$ 12,403.77
11	Sheraton Hotel	\$ 12,357.89	\$ 12,876.49	\$ 564.05	\$ 1,886.14	\$ 2,235.70	\$ 563.99	\$ 188.02	\$ 1,184.36	\$ 198.76	\$ 1,047.50	\$ -	\$ 15,852.79	\$ 16,265.62	\$ -	\$ 65,221.31
12	Municipal Auditorium	\$ 6,382.30	\$ 6,988.12	\$ 306.08	\$ 1,023.51	\$ 150.38	\$ 34.04	\$ 102.02	\$ 642.69	\$ 107.86	\$ -	\$ -	\$ 1,564.81	\$ 34.54	\$ -	\$ 17,336.35
21	Hermitage Hotel	\$ 5,969.05	\$ 6,037.63	\$ 264.49	\$ 884.45	\$ 780.80	\$ 188.66	\$ 88.17	\$ 555.37	\$ 93.20	\$ 235.83	\$ 493.96	\$ 6,598.92	\$ 3,422.70	\$ -	\$ 25,613.23
24	Criminal Justice Center	\$ 10,093.14	\$ 9,926.74	\$ 434.89	\$ 1,454.25	\$ 2,027.52	\$ 514.96	\$ 144.97	\$ 913.16	\$ 153.25	\$ -	\$ 499.79	\$ 13,930.81	\$ 15,698.55	\$ -	\$ 55,792.03
25	501 Union Association	\$ 2,353.46	\$ 2,433.93	\$ 106.62	\$ 356.53	\$ 271.04	\$ 61.11	\$ 35.54	\$ 223.87	\$ 37.57	\$ 198.17	\$ 110.09	\$ 2,849.77	\$ -	\$ -	\$ 9,037.70
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 1,279.40	\$ 288.49	\$ 126.73	\$ 798.35	\$ -	\$ -	\$ -	\$ 13,452.03	\$ -	\$ -	\$ 36,817.40
29	Fifth Third Financial Center	\$ 7,192.49	\$ 9,008.89	\$ 394.48	\$ 1,319.13	\$ 1,139.13	\$ 256.86	\$ 131.50	\$ 828.32	\$ 139.01	\$ 669.92	\$ 32.40	\$ 11,977.22	\$ -	\$ -	\$ 33,089.35
32	Renaissance Hotel	\$ 14,824.95	\$ 15,015.49	\$ 657.79	\$ 2,199.59	\$ 3,344.75	\$ 846.00	\$ 219.26	\$ 1,381.18	\$ 231.80	\$ 1,245.58	\$ -	\$ 23,429.75	\$ 24,944.52	\$ -	\$ 88,340.66
33	Convention Center	\$ 18,254.36	\$ 19,010.26	\$ 832.74	\$ 2,784.60	\$ 2,687.95	\$ 640.92	\$ 277.58	\$ 1,748.53	\$ 293.45	\$ -	\$ -	\$ 23,808.82	\$ 9,463.20	\$ -	\$ 79,802.41
34	Renaissance Office Tower	\$ 1,758.47	\$ 2,202.56	\$ 96.45	\$ 322.51	\$ 287.73	\$ 64.88	\$ 32.15	\$ 202.51	\$ 33.99	\$ 193.50	\$ -	\$ 3,025.30	\$ -	\$ -	\$ 8,220.05
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,861.57	\$ 7,341.86	\$ 321.49	\$ 1,075.03	\$ 1,873.80	\$ 422.51	\$ 107.16	\$ 675.04	\$ 113.28	\$ 641.67	\$ -	\$ 19,701.68	\$ -	\$ -	\$ 38,135.09
38	Wildhorse Saloon	\$ 2,064.79	\$ 2,257.35	\$ 98.88	\$ 330.62	\$ 739.61	\$ 180.00	\$ 32.96	\$ 207.60	\$ 34.84	\$ 155.67	\$ 41.97	\$ 6,085.14	\$ 3,594.29	\$ -	\$ 15,823.72
39	Ryman Auditorium	\$ 1,837.54	\$ 2,034.38	\$ 89.10	\$ 297.95	\$ 919.41	\$ 233.89	\$ 29.70	\$ 187.09	\$ 31.40	\$ 151.00	\$ -	\$ 6,269.18	\$ 7,220.57	\$ -	\$ 19,301.21
40	Sommet Center	\$ 24,243.30	\$ 27,227.18	\$ 1,192.48	\$ 3,987.58	\$ 8,125.40	\$ 2,052.19	\$ 397.50	\$ 2,503.91	\$ 420.21	\$ -	\$ -	\$ 57,303.15	\$ 59,778.90	\$ -	\$ 187,231.80
41	LP Field	\$ 10,343.94	\$ 12,956.22	\$ 567.33	\$ 1,897.12	\$ 2,562.42	\$ 577.79	\$ 189.11	\$ 1,191.25	\$ 199.91	\$ -	\$ 349.50	\$ 26,942.05	\$ -	\$ -	\$ 57,776.64
43	Hume Fogg School	\$ 3,444.79	\$ 3,698.08	\$ 161.99	\$ 541.65	\$ 332.06	\$ 74.87	\$ 53.99	\$ 340.12	\$ 57.08	\$ -	\$ 39.61	\$ 3,491.36	\$ -	\$ -	\$ 12,235.60
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 1,270.61	\$ 326.35	\$ 77.78	\$ 490.00	\$ -	\$ -	\$ -	\$ 8,265.43	\$ 10,825.61	\$ -	\$ 34,203.78
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 2,038.45	\$ 489.45	\$ 121.02	\$ 762.35	\$ -	\$ -	\$ 57.53	\$ 17,622.39	\$ 8,097.77	\$ -	\$ 35,056.50
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 613.91	\$ 138.43	\$ 68.85	\$ 433.69	\$ -	\$ -	\$ -	\$ 6,454.81	\$ -	\$ -	\$ 20,057.69
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 16,651.88	\$ 4,104.28	\$ -	\$ 9,224.11	\$ 1,548.01	\$ -	\$ 4,688.47	\$ 130,399.48	\$ 94,957.59	\$ -	\$ 489,093.65
	Grand Totals:	\$ 347,821.43	\$ 263,197.69	\$ 7,545.60	\$ 25,231.96	\$ 54,861.16	\$ 13,421.09	\$ 2,909.62	\$ 27,552.31	\$ 4,206.96	\$ 5,652.26	\$ 8,183.32	\$ 442,501.82	\$ 285,455.74	\$ -	\$ 1,488,540.96
	Rate Calculation Totals:	\$ 392,526.57	\$ 365,612.57	\$ 12,031.75	\$ 40,233.33	\$ 54,877.17	\$ 13,425.00	\$ 4,010.58	\$ 25,263.61	\$ 4,239.67	\$ 5,652.26	\$ 8,183.32	\$ 442,632.97	\$ 285,535.10	\$ -	\$ 1,654,223.90
	Deviation:	\$ (44,705.14)	\$ (102,414.88)	\$ (4,486.15)	\$ (15,001.37)	\$ (16.01)	\$ (3.91)	\$ (1,100.96)	\$ 2,288.70	\$ (32.71)	\$ -	\$ -	\$ (131.15)	\$ (79.36)	\$ -	\$ (165,682.94)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

October, 08

Customer Number	Customer Name	State Capacity	State 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	\$ 13,452.38	\$ 14,160.85	\$ 620.30	\$ 2,074.26	\$ 2,245.26	\$ 879.05	\$ 206.78	\$ -	\$ 249.60	\$ -	\$ 1,015.45	\$ 21,084.39	\$ 39,201.45	\$ 10.22	\$ 95,199.99
4	Metro Courthouse	\$ 6,368.34	\$ 6,607.71	\$ 289.45	\$ 967.92	\$ 605.33	\$ 227.25	\$ 96.49	\$ -	\$ 116.47	\$ -	\$ 706.64	\$ 6,559.38	\$ 6,999.95	\$ 1.83	\$ 29,546.76
7	Parkway Towers	\$ 5,805.86	\$ 6,410.89	\$ 280.79	\$ 938.96	\$ 657.89	\$ 239.47	\$ 93.60	\$ -	\$ 112.98	\$ 603.92	\$ 327.65	\$ 7,803.67	\$ 4,855.53	\$ 1.27	\$ 28,132.48
9	Wachovia	\$ 2,502.15	\$ 2,750.43	\$ 120.47	\$ 402.85	\$ 277.01	\$ 103.44	\$ 40.16	\$ -	\$ 48.47	\$ 217.00	\$ 88.33	\$ 3,052.23	\$ 2,997.23	\$ 0.78	\$ 12,600.55
10	401 Union	\$ 2,957.89	\$ 3,327.29	\$ 145.73	\$ 487.31	\$ 8.13	\$ 2.80	\$ 48.58	\$ -	\$ 58.64	\$ 264.17	\$ -	\$ 111.18	\$ -	\$ -	\$ 7,411.72
11	Sheraton Hotel	\$ 12,250.45	\$ 12,876.49	\$ 564.05	\$ 1,886.14	\$ 1,436.50	\$ 569.60	\$ 188.02	\$ -	\$ 226.96	\$ 1,047.50	\$ -	\$ 12,844.36	\$ 27,713.42	\$ 7.23	\$ 71,610.72
12	Municipal Auditorium	\$ 6,326.80	\$ 6,988.12	\$ 306.08	\$ 1,023.51	\$ 97.05	\$ 33.48	\$ 102.02	\$ -	\$ 123.16	\$ -	\$ -	\$ 1,316.74	\$ 40.73	\$ 0.01	\$ 16,357.70
21	Hermitage Hotel	\$ 5,917.16	\$ 6,037.63	\$ 264.49	\$ 884.45	\$ 616.33	\$ 234.34	\$ 88.17	\$ -	\$ 106.42	\$ 235.83	\$ 578.71	\$ 6,412.82	\$ 8,211.32	\$ 2.14	\$ 29,589.81
24	Criminal Justice Center	\$ 10,005.38	\$ 9,926.74	\$ 434.89	\$ 1,454.25	\$ 1,206.82	\$ 456.20	\$ 144.97	\$ -	\$ 174.99	\$ -	\$ 253.46	\$ 12,794.70	\$ 15,107.77	\$ 3.94	\$ 51,964.11
25	501 Union Association	\$ 2,333.00	\$ 2,433.93	\$ 106.62	\$ 356.53	\$ 210.66	\$ 77.96	\$ 35.54	\$ -	\$ 42.90	\$ 198.17	\$ 121.85	\$ 2,383.16	\$ 2,026.28	\$ 0.53	\$ 10,327.13
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 720.05	\$ 265.49	\$ 126.73	\$ -	\$ -	\$ -	\$ 88.26	\$ 8,236.45	\$ 6,556.69	\$ 1.71	\$ 36,867.78
29	Fifth Third Financial Center	\$ 7,129.95	\$ 9,008.89	\$ 394.48	\$ 1,319.13	\$ 677.03	\$ 232.79	\$ 131.50	\$ -	\$ 158.73	\$ 669.92	\$ 48.42	\$ 9,255.71	\$ -	\$ -	\$ 29,026.55
32	Renaissance Hotel	\$ 14,696.05	\$ 15,015.49	\$ 657.79	\$ 2,199.59	\$ 2,319.24	\$ 897.91	\$ 219.26	\$ -	\$ 264.68	\$ 1,245.58	\$ 46.42	\$ 22,686.71	\$ 36,791.47	\$ 9.59	\$ 97,049.78
33	Convention Center	\$ 18,095.65	\$ 19,010.26	\$ 832.74	\$ 2,784.60	\$ 1,784.39	\$ 640.48	\$ 277.58	\$ -	\$ 335.07	\$ -	\$ -	\$ 21,975.82	\$ 9,865.65	\$ 2.57	\$ 75,604.81
34	Renaissance Office Tower	\$ 1,743.18	\$ 2,202.56	\$ 96.45	\$ 322.51	\$ 187.94	\$ 64.62	\$ 32.15	\$ -	\$ 38.81	\$ 193.50	\$ -	\$ 2,569.37	\$ -	\$ -	\$ 7,451.09
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,810.60	\$ 7,341.86	\$ 321.49	\$ 1,075.03	\$ 1,223.54	\$ 420.69	\$ 107.16	\$ -	\$ 129.36	\$ 641.67	\$ -	\$ 16,727.02	\$ -	\$ -	\$ 33,798.42
38	Wildhorse Saloon	\$ 2,046.84	\$ 2,257.35	\$ 98.88	\$ 330.62	\$ 497.13	\$ 190.91	\$ 32.96	\$ -	\$ 39.78	\$ 155.67	\$ 22.40	\$ 5,002.29	\$ 7,317.54	\$ 1.91	\$ 17,994.28
39	Ryman Auditorium	\$ 1,821.56	\$ 2,034.38	\$ 89.10	\$ 297.95	\$ 522.98	\$ 200.71	\$ 29.70	\$ -	\$ 35.85	\$ 151.00	\$ -	\$ 5,274.17	\$ 7,649.97	\$ 1.99	\$ 18,109.36
40	Sommet Center	\$ 24,032.51	\$ 27,227.18	\$ 1,192.48	\$ 3,987.58	\$ 4,956.98	\$ 1,897.09	\$ 397.50	\$ -	\$ 479.83	\$ -	\$ 618.94	\$ 50,467.89	\$ 70,563.49	\$ 18.40	\$ 185,839.87
41	LP Field	\$ 10,254.00	\$ 12,956.22	\$ 567.33	\$ 1,897.12	\$ 905.82	\$ 311.45	\$ 189.11	\$ -	\$ 228.28	\$ -	\$ 742.73	\$ 12,383.44	\$ -	\$ -	\$ 40,435.50
43	Hume Fogg School	\$ 3,414.84	\$ 3,698.08	\$ 161.99	\$ 541.65	\$ 455.99	\$ 180.46	\$ 53.99	\$ -	\$ 65.18	\$ -	\$ 62.67	\$ 4,109.57	\$ 8,665.52	\$ 2.26	\$ 21,412.20
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 669.05	\$ 258.78	\$ 77.78	\$ -	\$ -	\$ -	\$ -	\$ 6,566.94	\$ 10,522.37	\$ 2.74	\$ 31,045.66
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,615.18	\$ 594.94	\$ 121.02	\$ -	\$ -	\$ -	\$ 2.05	\$ 18,527.01	\$ 14,497.24	\$ 3.78	\$ 41,228.76
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 332.87	\$ 114.45	\$ 68.85	\$ -	\$ -	\$ -	\$ -	\$ 4,550.70	\$ -	\$ -	\$ 17,414.87
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 11,392.00	\$ 4,323.65	\$ -	\$ -	\$ 1,767.59	\$ -	\$ 4,508.44	\$ 119,231.82	\$ 148,917.32	\$ 38.83	\$ 517,699.48
	Grand Totals:	\$ 346,444.69	\$ 263,197.69	\$ 7,545.60	\$ 25,231.96	\$ 35,621.17	\$ 13,418.01	\$ 2,909.62	\$ -	\$ 4,803.75	\$ 5,652.26	\$ 9,232.42	\$ 381,927.54	\$ 428,500.94	\$ 111.73	\$ 1,524,597.38
	Rate Calculation Totals:	\$ 390,301.32	\$ 365,612.57	\$ 12,031.75	\$ 40,233.33	\$ 35,638.99	\$ 13,425.00	\$ 4,010.58	\$ -	\$ 4,841.29	\$ 5,652.26	\$ 9,232.42	\$ 382,039.58	\$ 429,038.39	\$ 111.87	\$ 1,692,169.35
	Deviation:	\$ (43,856.63)	\$ (102,414.88)	\$ (4,486.15)	\$ (15,001.37)	\$ (17.82)	\$ (6.99)	\$ (1,100.96)	\$ -	\$ (37.54)	\$ -	\$ -	\$ (112.04)	\$ (537.45)	\$ (0.14)	\$ (167,571.97)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

November, 08

Customer Number	Customer Name	State Capacity	State 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	\$ 13,452.38	\$ 14,160.85	\$ 620.30	\$ 2,074.26	\$ 1,196.32	\$ 773.74	\$ 206.78	\$ -	\$ 250.13	\$ -	\$ 1,665.33	\$ 14,364.62	\$ 46,996.18	\$ 15.89	\$ 95,776.78
4	Metro Courthouse	\$ 6,368.34	\$ 6,607.71	\$ 289.45	\$ 967.92	\$ 456.66	\$ 286.82	\$ 96.49	\$ -	\$ 116.72	\$ -	\$ 789.57	\$ 5,939.07	\$ 13,853.48	\$ 4.68	\$ 35,776.91
7	Parkway Towers	\$ 5,805.86	\$ 6,410.89	\$ 280.79	\$ 938.96	\$ 500.50	\$ 312.55	\$ 93.60	\$ -	\$ 113.22	\$ 603.92	\$ -	\$ 6,605.43	\$ 14,320.21	\$ 4.84	\$ 35,990.77
9	Wachovia	\$ 2,502.15	\$ 2,750.43	\$ 120.47	\$ 402.85	\$ 222.87	\$ 141.09	\$ 40.16	\$ -	\$ 48.58	\$ 217.00	\$ 66.70	\$ 2,839.18	\$ 7,292.28	\$ 2.47	\$ 16,646.23
10	401 Union	\$ 2,957.89	\$ 3,327.29	\$ 145.73	\$ 487.31	\$ 8.95	\$ 7.11	\$ 48.58	\$ -	\$ 58.76	\$ 264.17	\$ -	\$ 36.67	\$ 985.88	\$ 0.33	\$ 8,328.67
11	Sheraton Hotel	\$ 12,250.45	\$ 12,876.49	\$ 564.05	\$ 1,886.14	\$ 942.69	\$ 613.86	\$ 188.02	\$ -	\$ 227.45	\$ 1,047.50	\$ 22.05	\$ 11,097.17	\$ 39,023.72	\$ 13.19	\$ 80,752.78
12	Municipal Auditorium	\$ 6,326.80	\$ 6,988.12	\$ 306.08	\$ 1,023.51	\$ 98.33	\$ 79.00	\$ 102.02	\$ -	\$ 123.42	\$ -	\$ -	\$ 357.97	\$ 11,239.04	\$ 3.80	\$ 26,648.09
21	Hermitage Hotel	\$ 5,917.16	\$ 6,037.63	\$ 264.49	\$ 884.45	\$ 454.40	\$ 280.66	\$ 88.17	\$ -	\$ 106.65	\$ 235.83	\$ 312.56	\$ 6,162.59	\$ 11,516.65	\$ 3.89	\$ 32,265.13
24	Criminal Justice Center	\$ 10,005.38	\$ 9,926.74	\$ 434.89	\$ 1,454.25	\$ 1,031.67	\$ 633.19	\$ 144.97	\$ -	\$ 175.36	\$ -	\$ -	\$ 14,206.22	\$ 24,222.24	\$ 8.19	\$ 62,243.10
25	501 Union Association	\$ 2,333.00	\$ 2,433.93	\$ 106.62	\$ 356.53	\$ 150.05	\$ 95.04	\$ 35.54	\$ -	\$ 42.99	\$ 198.17	\$ 178.72	\$ 1,908.89	\$ 4,933.92	\$ 1.67	\$ 12,775.07
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 599.10	\$ 387.60	\$ 126.73	\$ -	\$ -	\$ -	\$ 210.47	\$ 7,186.85	\$ 23,595.60	\$ 7.98	\$ 52,986.73
29	Fifth Third Financial Center	\$ 7,129.95	\$ 9,008.89	\$ 394.48	\$ 1,319.13	\$ 431.07	\$ 243.44	\$ 131.50	\$ -	\$ 159.07	\$ 669.92	\$ 64.56	\$ 7,064.70	\$ -	\$ -	\$ 26,616.71
32	Renaissance Hotel	\$ 14,696.05	\$ 15,015.49	\$ 657.79	\$ 2,199.59	\$ 1,694.70	\$ 1,067.11	\$ 219.26	\$ -	\$ 265.24	\$ 1,245.58	\$ -	\$ 21,895.53	\$ 52,706.02	\$ 17.82	\$ 111,680.18
33	Convention Center	\$ 18,095.65	\$ 19,010.26	\$ 832.74	\$ 2,784.60	\$ 1,435.26	\$ 870.99	\$ 277.58	\$ -	\$ 335.79	\$ -	\$ -	\$ 20,293.30	\$ 28,949.26	\$ 9.79	\$ 92,895.22
34	Renaissance Office Tower	\$ 1,743.18	\$ 2,202.56	\$ 96.45	\$ 322.51	\$ 127.81	\$ 72.18	\$ 32.15	\$ -	\$ 38.89	\$ 193.50	\$ -	\$ 2,094.58	\$ -	\$ -	\$ 6,923.81
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,810.60	\$ 7,341.86	\$ 321.49	\$ 1,075.03	\$ 738.85	\$ 417.25	\$ 107.16	\$ -	\$ 129.63	\$ 641.67	\$ -	\$ 12,108.76	\$ -	\$ -	\$ 28,692.30
38	Wildhorse Saloon	\$ 2,046.84	\$ 2,257.35	\$ 98.88	\$ 330.62	\$ 243.63	\$ 155.95	\$ 32.96	\$ -	\$ 39.86	\$ 155.67	\$ 19.41	\$ 3,011.78	\$ 8,795.48	\$ 2.97	\$ 17,191.40
39	Ryman Auditorium	\$ 1,821.56	\$ 2,034.38	\$ 89.10	\$ 297.95	\$ 281.66	\$ 177.36	\$ 29.70	\$ -	\$ 35.93	\$ 151.00	\$ -	\$ 3,638.80	\$ 8,762.87	\$ 2.96	\$ 17,323.27
40	Sommet Center	\$ 24,032.51	\$ 27,227.18	\$ 1,192.48	\$ 3,987.58	\$ 3,020.31	\$ 1,867.31	\$ 397.50	\$ -	\$ 480.85	\$ -	\$ -	\$ 40,865.82	\$ 77,406.00	\$ 26.17	\$ 180,503.71
41	LP Field	\$ 10,254.00	\$ 12,956.22	\$ 567.33	\$ 1,897.12	\$ 242.59	\$ 137.00	\$ 189.11	\$ -	\$ 228.77	\$ -	\$ 255.31	\$ 3,975.80	\$ -	\$ -	\$ 30,703.25
43	Hume Fogg School	\$ 3,414.84	\$ 3,698.08	\$ 161.99	\$ 541.65	\$ 434.27	\$ 281.72	\$ 53.99	\$ -	\$ 65.31	\$ -	\$ 97.48	\$ 5,169.36	\$ 17,464.65	\$ 5.90	\$ 31,389.24
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 354.58	\$ 226.89	\$ 77.78	\$ -	\$ -	\$ -	\$ -	\$ 4,387.84	\$ 12,761.91	\$ 4.31	\$ 30,761.31
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,296.31	\$ 779.16	\$ 121.02	\$ -	\$ -	\$ -	\$ 18.49	\$ 18,729.60	\$ 22,551.84	\$ 7.62	\$ 49,371.58
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 126.94	\$ 71.69	\$ 68.85	\$ -	\$ -	\$ -	\$ -	\$ 2,080.34	\$ -	\$ -	\$ 14,695.82
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 7,640.69	\$ 4,802.13	\$ -	\$ -	\$ 1,771.40	\$ -	\$ 5,875.03	\$ 99,200.73	\$ 233,300.00	\$ 78.88	\$ 580,188.69
Grand Totals:		\$ 346,444.69	\$ 263,197.69	\$ 7,545.60	\$ 25,231.96	\$ 23,730.21	\$ 14,780.84	\$ 2,909.62	\$ -	\$ 4,814.02	\$ 5,652.26	\$ 9,575.68	\$ 315,221.60	\$ 660,677.23	\$ 223.35	\$ 1,680,004.75
Rate Calculation Totals:		\$ 390,301.32	\$ 365,612.57	\$ 12,031.75	\$ 40,233.33	\$ 23,741.45	\$ 14,789.00	\$ 4,010.58	\$ -	\$ 4,851.60	\$ 5,652.26	\$ 9,575.68	\$ 315,284.02	\$ 661,766.38	\$ 223.73	\$ 1,848,073.67
Deviation:		\$ (43,856.63)	\$ (102,414.88)	\$ (4,486.15)	\$ (15,001.37)	\$ (11.24)	\$ (8.16)	\$ (1,100.96)	\$ -	\$ (37.58)	\$ -	\$ -	\$ (62.42)	\$ (1,089.15)	\$ (0.38)	\$ (168,068.92)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

December, 08

Customer Number	Customer Name	State Capacity	State 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	\$ 13,452.38	\$ 14,160.85	\$ 620.30	\$ 2,074.26	\$ 1,161.81	\$ 679.70	\$ 206.78	\$ -	\$ 281.42	\$ -	\$ 1,746.57	\$ 12,729.79	\$ 50,950.91	\$ 7.17	\$ 98,071.94
4	Metro Courthouse	\$ 6,368.34	\$ 6,607.71	\$ 289.45	\$ 967.92	\$ 420.19	\$ 245.83	\$ 96.49	\$ -	\$ 131.32	\$ -	\$ 836.44	\$ 4,850.30	\$ 16,404.87	\$ 2.31	\$ 37,221.17
7	Parkway Towers	\$ 5,805.86	\$ 6,410.89	\$ 280.79	\$ 938.96	\$ 464.35	\$ 271.66	\$ 93.60	\$ -	\$ 127.39	\$ 603.92	\$ 110.64	\$ 5,279.62	\$ 18,788.35	\$ 2.64	\$ 39,178.67
9	Wachovia	\$ 2,502.15	\$ 2,750.43	\$ 120.47	\$ 402.85	\$ 171.97	\$ 100.60	\$ 40.16	\$ -	\$ 54.65	\$ 217.00	\$ -	\$ 1,835.76	\$ 7,938.53	\$ 1.12	\$ 16,135.69
10	401 Union	\$ 2,957.89	\$ 3,327.29	\$ 145.73	\$ 487.31	\$ 46.45	\$ 27.18	\$ 48.58	\$ -	\$ 66.12	\$ 264.17	\$ -	\$ 101.29	\$ 5,383.76	\$ 0.76	\$ 12,856.53
11	Sheraton Hotel	\$ 12,250.45	\$ 12,876.49	\$ 564.05	\$ 1,886.14	\$ 913.17	\$ 534.24	\$ 188.02	\$ -	\$ 255.90	\$ 1,047.50	\$ 41.16	\$ 9,531.16	\$ 43,939.90	\$ 6.18	\$ 84,034.36
12	Municipal Auditorium	\$ 6,326.80	\$ 6,988.12	\$ 306.08	\$ 1,023.51	\$ 101.48	\$ 59.37	\$ 102.02	\$ -	\$ 138.86	\$ -	\$ -	\$ 203.89	\$ 11,904.91	\$ 1.67	\$ 27,156.71
21	Hermitage Hotel	\$ 5,917.16	\$ 6,037.63	\$ 264.49	\$ 884.45	\$ 359.22	\$ 210.16	\$ 88.17	\$ -	\$ 119.99	\$ 235.83	\$ 43.33	\$ 4,448.68	\$ 11,543.12	\$ 1.62	\$ 30,153.85
24	Criminal Justice Center	\$ 10,005.38	\$ 9,926.74	\$ 434.89	\$ 1,454.25	\$ 1,059.40	\$ 619.79	\$ 144.97	\$ -	\$ 197.30	\$ -	\$ -	\$ 13,539.46	\$ 30,601.36	\$ 4.31	\$ 67,987.85
25	501 Union Association	\$ 2,333.00	\$ 2,433.93	\$ 106.62	\$ 356.53	\$ 174.13	\$ 101.87	\$ 35.54	\$ -	\$ 48.37	\$ 198.17	\$ 167.89	\$ 2,076.30	\$ 6,253.54	\$ 0.88	\$ 14,286.77
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 731.24	\$ 427.80	\$ 126.69	\$ -	\$ -	\$ -	\$ 135.79	\$ 7,651.00	\$ 35,031.57	\$ 4.93	\$ 64,981.42
29	Fifth Third Financial Center	\$ 7,129.95	\$ 9,008.89	\$ 394.48	\$ 1,319.13	\$ 317.49	\$ 185.74	\$ 131.50	\$ -	\$ 178.97	\$ 669.92	\$ 330.85	\$ 5,174.68	\$ -	\$ -	\$ 24,841.60
32	Renaissance Hotel	\$ 14,696.05	\$ 15,015.49	\$ 657.79	\$ 2,199.59	\$ 1,390.99	\$ 813.78	\$ 219.26	\$ -	\$ 298.42	\$ 1,245.58	\$ -	\$ 15,761.27	\$ 56,728.97	\$ 7.98	\$ 109,035.17
33	Convention Center	\$ 18,095.65	\$ 19,010.26	\$ 832.74	\$ 2,784.60	\$ 1,258.34	\$ 736.18	\$ 277.58	\$ -	\$ 377.79	\$ -	\$ -	\$ 15,991.42	\$ 37,090.51	\$ 5.22	\$ 96,460.29
34	Renaissance Office Tower	\$ 1,743.18	\$ 2,202.56	\$ 96.45	\$ 322.51	\$ 187.55	\$ 109.72	\$ 32.15	\$ -	\$ 43.75	\$ 193.50	\$ -	\$ 3,056.80	\$ -	\$ -	\$ 7,988.17
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,810.60	\$ 7,341.86	\$ 321.49	\$ 1,075.03	\$ 524.28	\$ 306.72	\$ 107.16	\$ -	\$ 145.85	\$ 641.67	\$ -	\$ 8,545.17	\$ -	\$ -	\$ 24,819.83
38	Wildhorse Saloon	\$ 2,046.84	\$ 2,257.35	\$ 98.88	\$ 330.62	\$ 240.59	\$ 140.75	\$ 32.96	\$ -	\$ 44.86	\$ 155.67	\$ 27.47	\$ 2,406.06	\$ 12,438.93	\$ 1.75	\$ 20,222.73
39	Ryman Auditorium	\$ 1,936.60	\$ 2,127.73	\$ 93.20	\$ 311.63	\$ 229.16	\$ 134.07	\$ 31.06	\$ -	\$ 42.28	\$ 151.00	\$ -	\$ 2,438.36	\$ 10,645.01	\$ 1.50	\$ 18,141.60
40	Sommet Center	\$ 24,032.51	\$ 27,227.18	\$ 1,192.48	\$ 3,987.58	\$ 3,799.10	\$ 2,222.62	\$ 397.50	\$ -	\$ 541.00	\$ -	\$ 1,044.46	\$ 50,476.39	\$ 93,951.83	\$ 13.22	\$ 208,885.87
41	LP Field	\$ 10,254.00	\$ 12,956.22	\$ 567.33	\$ 1,897.12	\$ 147.35	\$ 86.20	\$ 189.11	\$ -	\$ 257.38	\$ -	\$ -	\$ 2,401.57	\$ -	\$ -	\$ 28,756.28
43	Hume Fogg School	\$ 3,414.84	\$ 3,698.08	\$ 161.99	\$ 541.65	\$ 272.93	\$ 159.68	\$ 53.99	\$ -	\$ 73.49	\$ -	\$ 81.24	\$ 2,687.08	\$ 14,460.57	\$ 2.03	\$ 25,607.57
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 333.07	\$ 194.86	\$ 77.76	\$ -	\$ -	\$ -	\$ -	\$ 3,447.82	\$ 16,262.21	\$ 2.29	\$ 33,266.01
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,209.10	\$ 707.38	\$ 120.98	\$ -	\$ -	\$ -	\$ 16.44	\$ 16,517.62	\$ 26,182.55	\$ 3.68	\$ 50,625.29
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 54.90	\$ 32.12	\$ 68.85	\$ -	\$ -	\$ -	\$ -	\$ 894.80	\$ -	\$ -	\$ 13,398.67
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 7,363.40	\$ 4,307.86	\$ -	\$ -	\$ 1,992.99	\$ -	\$ 4,778.85	\$ 83,493.82	\$ 299,815.99	\$ 42.15	\$ 629,314.89
Grand Totals:		\$ 346,559.73	\$ 263,291.04	\$ 7,549.70	\$ 25,245.64	\$ 22,931.66	\$ 13,415.88	\$ 2,910.88	\$ -	\$ 5,418.10	\$ 5,652.26	\$ 9,361.13	\$ 275,540.11	\$ 806,317.39	\$ 113.41	\$ 1,784,306.93
Rate Calculation Totals:		\$ 390,301.32	\$ 365,612.57	\$ 12,031.75	\$ 40,233.33	\$ 22,947.43	\$ 13,425.00	\$ 4,010.58	\$ -	\$ 5,458.44	\$ 5,652.26	\$ 9,361.13	\$ 275,590.88	\$ 808,012.58	\$ 113.68	\$ 1,952,750.95
Deviation:		\$ (43,741.59)	\$ (102,321.53)	\$ (4,482.05)	\$ (14,987.69)	\$ (15.77)	\$ (9.12)	\$ (1,099.70)	\$ -	\$ (40.34)	\$ -	\$ -	\$ (50.77)	\$ (1,695.19)	\$ (0.27)	\$ (168,444.02)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

January, 09

Customer Number	Customer Name	State Capacity	State 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	\$ 13,452.38	\$ 14,160.85	\$ 620.30	\$ 2,074.26	\$ 780.34	\$ 647.26	\$ 206.78	\$ -	\$ 244.80	\$ -	\$ 1,031.69	\$ 8,427.52	\$ 46,776.71	\$ 12.88	\$ 88,435.77
4	Metro Courthouse	\$ 6,368.34	\$ 6,607.71	\$ 289.45	\$ 967.92	\$ 347.67	\$ 288.37	\$ 96.49	\$ -	\$ 114.23	\$ -	\$ 486.72	\$ 4,069.47	\$ 17,835.27	\$ 4.91	\$ 37,476.55
7	Parkway Towers	\$ 5,805.86	\$ 6,410.89	\$ 280.79	\$ 938.96	\$ 454.65	\$ 377.11	\$ 93.60	\$ -	\$ 110.81	\$ 603.92	\$ 219.57	\$ 5,580.27	\$ 20,853.10	\$ 5.74	\$ 41,735.27
9	Wachovia	\$ 2,502.15	\$ 2,750.43	\$ 120.47	\$ 402.85	\$ 142.52	\$ 118.21	\$ 40.16	\$ -	\$ 47.54	\$ 217.00	\$ 117.17	\$ 1,532.37	\$ 8,608.32	\$ 2.37	\$ 16,601.56
10	401 Union	\$ 2,957.89	\$ 3,327.29	\$ 145.73	\$ 487.31	\$ 34.10	\$ 28.29	\$ 48.58	\$ -	\$ 57.51	\$ 264.17	\$ -	\$ 92.18	\$ 4,681.66	\$ 1.29	\$ 12,126.00
11	Sheraton Hotel	\$ 12,250.45	\$ 12,876.49	\$ 564.05	\$ 1,886.14	\$ 774.43	\$ 642.35	\$ 188.02	\$ -	\$ 222.60	\$ 1,047.50	\$ 257.25	\$ 8,250.80	\$ 47,499.94	\$ 13.08	\$ 86,473.10
12	Municipal Auditorium	\$ 6,147.66	\$ 6,842.76	\$ 299.70	\$ 1,002.20	\$ 141.83	\$ 117.63	\$ 99.90	\$ -	\$ 118.28	\$ -	\$ -	\$ 360.79	\$ 19,683.71	\$ 5.42	\$ 34,819.88
21	Hermitage Hotel	\$ 5,917.16	\$ 6,037.63	\$ 264.49	\$ 884.45	\$ 355.91	\$ 295.21	\$ 88.17	\$ -	\$ 104.38	\$ 235.83	\$ 49.52	\$ 4,751.16	\$ 12,668.42	\$ 3.49	\$ 31,655.82
24	Criminal Justice Center	\$ 10,005.38	\$ 9,926.74	\$ 434.89	\$ 1,454.25	\$ 985.40	\$ 817.35	\$ 144.97	\$ -	\$ 171.63	\$ -	\$ -	\$ 13,537.92	\$ 31,413.65	\$ 8.65	\$ 68,900.83
25	501 Union Association	\$ 2,333.00	\$ 2,433.93	\$ 106.62	\$ 356.53	\$ 140.73	\$ 116.73	\$ 35.54	\$ -	\$ 42.08	\$ 198.17	\$ 16.25	\$ 1,841.51	\$ 5,364.97	\$ 1.48	\$ 12,987.54
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 717.71	\$ 595.31	\$ 126.76	\$ -	\$ -	\$ -	\$ 156.16	\$ 8,160.40	\$ 39,113.09	\$ 10.77	\$ 69,752.60
29	Fifth Third Financial Center	\$ 7,129.95	\$ 9,008.89	\$ 394.48	\$ 1,319.13	\$ 253.38	\$ 210.17	\$ 131.50	\$ -	\$ 155.68	\$ 669.92	\$ 274.36	\$ 4,326.85	\$ -	\$ -	\$ 23,874.31
32	Renaissance Hotel	\$ 14,696.05	\$ 15,015.49	\$ 657.79	\$ 2,199.59	\$ 1,161.08	\$ 963.07	\$ 219.26	\$ -	\$ 259.59	\$ 1,245.58	\$ -	\$ 13,918.69	\$ 56,426.62	\$ 15.53	\$ 106,778.34
33	Convention Center	\$ 18,095.65	\$ 19,010.26	\$ 832.74	\$ 2,784.60	\$ 1,311.05	\$ 1,087.46	\$ 277.58	\$ -	\$ 328.63	\$ -	\$ -	\$ 17,713.99	\$ 44,639.15	\$ 12.29	\$ 106,093.40
34	Renaissance Office Tower	\$ 1,743.18	\$ 2,202.56	\$ 96.45	\$ 322.51	\$ 189.28	\$ 157.00	\$ 32.15	\$ -	\$ 38.06	\$ 193.50	\$ -	\$ 3,232.23	\$ -	\$ -	\$ 8,206.92
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,810.60	\$ 7,341.86	\$ 321.49	\$ 1,075.03	\$ 443.15	\$ 367.58	\$ 107.16	\$ -	\$ 126.87	\$ 641.67	\$ -	\$ 7,567.47	\$ -	\$ -	\$ 23,802.88
38	Wildhorse Saloon	\$ 2,046.84	\$ 2,257.35	\$ 98.88	\$ 330.62	\$ 188.00	\$ 155.94	\$ 32.96	\$ -	\$ 39.02	\$ 155.67	\$ 34.34	\$ 2,165.87	\$ 9,975.23	\$ 2.75	\$ 17,483.47
39	Ryman Auditorium	\$ 1,936.60	\$ 2,127.73	\$ 93.20	\$ 311.63	\$ 190.43	\$ 157.95	\$ 31.06	\$ -	\$ 36.78	\$ 151.00	\$ -	\$ 2,013.94	\$ 11,822.71	\$ 3.25	\$ 18,876.28
40	Sommet Center	\$ 24,032.51	\$ 27,227.18	\$ 1,192.48	\$ 3,987.58	\$ 2,978.83	\$ 2,470.82	\$ 397.50	\$ -	\$ 470.61	\$ -	\$ 1,141.17	\$ 41,922.38	\$ 85,431.63	\$ 23.52	\$ 191,276.21
41	LP Field	\$ 10,254.00	\$ 12,956.22	\$ 567.33	\$ 1,897.12	\$ 66.36	\$ 55.04	\$ 189.11	\$ -	\$ 223.89	\$ -	\$ -	\$ 1,133.15	\$ -	\$ -	\$ 27,342.22
43	Hume Fogg School	\$ 3,414.84	\$ 3,698.08	\$ 161.99	\$ 541.65	\$ 234.17	\$ 194.24	\$ 53.99	\$ -	\$ 63.93	\$ -	\$ 74.27	\$ 2,448.05	\$ 14,810.73	\$ 4.08	\$ 25,700.02
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 283.27	\$ 234.96	\$ 77.79	\$ -	\$ -	\$ -	\$ -	\$ 3,132.37	\$ 16,281.81	\$ 4.48	\$ 32,962.68
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,114.51	\$ 924.43	\$ 121.04	\$ -	\$ -	\$ -	\$ 26.71	\$ 16,294.83	\$ 26,138.41	\$ 7.20	\$ 50,494.67
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 48.24	\$ 40.01	\$ 68.85	\$ -	\$ -	\$ -	\$ -	\$ 823.78	\$ -	\$ -	\$ 13,328.88
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 6,646.06	\$ 5,512.60	\$ -	\$ -	\$ 1,733.63	\$ -	\$ 4,945.75	\$ 80,949.95	\$ 310,774.87	\$ 85.56	\$ 638,168.25
Grand Totals:		\$ 346,380.59	\$ 263,145.68	\$ 7,543.32	\$ 25,224.33	\$ 19,983.10	\$ 16,575.09	\$ 2,908.92	\$ -	\$ 4,710.55	\$ 5,652.26	\$ 8,830.93	\$ 254,247.94	\$ 830,800.00	\$ 228.74	\$ 1,786,231.45
Rate Calculation Totals:		\$ 390,301.32	\$ 365,612.57	\$ 12,031.75	\$ 40,233.33	\$ 19,997.94	\$ 16,586.99	\$ 4,010.58	\$ -	\$ 4,748.27	\$ 5,652.26	\$ 8,830.93	\$ 254,304.90	\$ 832,675.95	\$ 229.23	\$ 1,955,216.02
Deviation:		\$ (43,920.73)	\$ (102,466.89)	\$ (4,488.43)	\$ (15,009.00)	\$ (14.84)	\$ (11.90)	\$ (1,101.66)	\$ -	\$ (37.72)	\$ -	\$ -	\$ (56.96)	\$ (1,875.95)	\$ (0.49)	\$ (168,984.57)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

February, 09

Customer Number	Customer Name	State Capacity	State 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	\$ 13,452.38	\$ 14,160.85	\$ 620.30	\$ 2,074.26	\$ 922.99	\$ 687.00	\$ 206.78	\$ -	\$ 268.23	\$ -	\$ 747.37	\$ 12,516.09	\$ 34,547.19	\$ 172.71	\$ 80,376.15
4	Metro Courthouse	\$ 6,368.34	\$ 6,607.71	\$ 289.45	\$ 967.92	\$ 251.22	\$ 186.99	\$ 96.49	\$ -	\$ 125.17	\$ -	\$ 465.09	\$ 3,362.84	\$ 9,679.46	\$ 48.39	\$ 28,449.07
7	Parkway Towers	\$ 5,805.86	\$ 6,410.89	\$ 280.79	\$ 938.96	\$ 487.55	\$ 362.89	\$ 93.60	\$ -	\$ 121.42	\$ 603.92	\$ 199.99	\$ 6,844.37	\$ 16,779.74	\$ 83.89	\$ 39,013.87
9	Wachovia	\$ 2,502.15	\$ 2,750.43	\$ 120.47	\$ 402.85	\$ 114.08	\$ 84.91	\$ 40.16	\$ -	\$ 52.10	\$ 217.00	\$ 93.74	\$ 1,328.95	\$ 5,643.08	\$ 28.21	\$ 13,378.13
10	401 Union	\$ 2,957.89	\$ 3,327.29	\$ 145.73	\$ 487.31	\$ 27.21	\$ 20.25	\$ 48.58	\$ -	\$ 63.02	\$ 264.17	\$ -	\$ 54.66	\$ 2,998.65	\$ 14.99	\$ 10,409.75
11	Sheraton Hotel	\$ 12,250.45	\$ 12,876.49	\$ 564.05	\$ 1,886.14	\$ 779.50	\$ 580.19	\$ 188.02	\$ -	\$ 243.91	\$ 1,047.50	\$ 36.75	\$ 9,125.69	\$ 38,277.09	\$ 191.36	\$ 78,047.14
12	Municipal Auditorium	\$ 6,147.66	\$ 6,842.76	\$ 299.70	\$ 1,002.20	\$ 69.70	\$ 51.88	\$ 99.90	\$ -	\$ 129.60	\$ -	\$ -	\$ 132.15	\$ 7,730.86	\$ 38.65	\$ 22,545.06
21	Hermitage Hotel	\$ 5,917.16	\$ 6,037.63	\$ 264.49	\$ 884.45	\$ 322.25	\$ 239.86	\$ 88.17	\$ -	\$ 114.37	\$ 235.83	\$ 46.42	\$ 4,794.34	\$ 9,387.45	\$ 46.93	\$ 28,379.35
24	Criminal Justice Center	\$ 10,005.38	\$ 9,926.74	\$ 434.89	\$ 1,454.25	\$ 814.90	\$ 606.55	\$ 144.97	\$ -	\$ 188.06	\$ -	\$ -	\$ 12,030.57	\$ 24,325.66	\$ 121.61	\$ 60,053.58
25	501 Union Association	\$ 2,333.00	\$ 2,433.93	\$ 106.62	\$ 356.53	\$ 141.34	\$ 105.21	\$ 35.54	\$ -	\$ 46.10	\$ 198.17	\$ 157.06	\$ 2,089.00	\$ 4,205.21	\$ 21.02	\$ 12,228.73
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 577.43	\$ 429.78	\$ 126.76	\$ -	\$ -	\$ -	\$ 142.58	\$ 6,628.60	\$ 29,182.22	\$ 145.89	\$ 58,105.66
29	Fifth Third Financial Center	\$ 7,129.95	\$ 9,008.89	\$ 394.48	\$ 1,319.13	\$ 237.84	\$ 177.04	\$ 131.50	\$ -	\$ 170.59	\$ 669.92	\$ 322.78	\$ 4,638.31	\$ -	\$ -	\$ 24,200.43
32	Renaissance Hotel	\$ 14,696.05	\$ 15,015.49	\$ 657.79	\$ 2,199.59	\$ 1,051.84	\$ 782.90	\$ 219.26	\$ -	\$ 284.44	\$ 1,245.58	\$ -	\$ 13,481.12	\$ 44,297.66	\$ 221.46	\$ 94,153.18
33	Convention Center	\$ 18,095.65	\$ 19,010.26	\$ 832.74	\$ 2,784.60	\$ 1,421.91	\$ 1,058.37	\$ 277.58	\$ -	\$ 360.10	\$ -	\$ -	\$ 21,887.15	\$ 36,806.53	\$ 184.01	\$ 102,718.90
34	Renaissance Office Tower	\$ 1,743.18	\$ 2,202.56	\$ 96.45	\$ 322.51	\$ 181.28	\$ 134.93	\$ 32.15	\$ -	\$ 41.71	\$ 193.50	\$ -	\$ 3,535.22	\$ -	\$ -	\$ 8,483.49
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,810.60	\$ 7,341.86	\$ 321.49	\$ 1,075.03	\$ 451.93	\$ 336.39	\$ 107.16	\$ -	\$ 139.02	\$ 641.67	\$ -	\$ 8,813.37	\$ -	\$ -	\$ 25,038.52
38	Wildhorse Saloon	\$ 2,046.84	\$ 2,257.35	\$ 98.88	\$ 330.62	\$ 130.95	\$ 97.46	\$ 32.96	\$ -	\$ 42.76	\$ 155.67	\$ 38.82	\$ 1,725.01	\$ 5,220.61	\$ 26.10	\$ 12,204.03
39	Ryman Auditorium	\$ 1,936.60	\$ 2,127.73	\$ 93.20	\$ 311.63	\$ 208.18	\$ 154.95	\$ 31.06	\$ -	\$ 40.30	\$ 151.00	\$ -	\$ 2,512.00	\$ 9,751.15	\$ 48.75	\$ 17,366.55
40	Sommet Center	\$ 24,032.51	\$ 27,227.18	\$ 1,192.48	\$ 3,987.58	\$ 2,380.39	\$ 1,771.80	\$ 397.50	\$ -	\$ 515.66	\$ -	\$ 1,044.46	\$ 37,535.67	\$ 55,979.50	\$ 279.86	\$ 156,344.59
41	LP Field	\$ 10,254.00	\$ 12,956.22	\$ 567.33	\$ 1,897.12	\$ 99.10	\$ 73.76	\$ 189.11	\$ -	\$ 245.33	\$ -	\$ -	\$ 1,932.56	\$ -	\$ -	\$ 28,214.53
43	Hume Fogg School	\$ 3,414.84	\$ 3,698.08	\$ 161.99	\$ 541.65	\$ 208.66	\$ 155.31	\$ 53.99	\$ -	\$ 70.05	\$ -	\$ 81.24	\$ 2,405.74	\$ 10,478.68	\$ 52.39	\$ 21,322.62
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 271.35	\$ 201.97	\$ 77.79	\$ -	\$ -	\$ -	\$ -	\$ 3,401.77	\$ 11,906.66	\$ 59.53	\$ 28,867.07
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 995.26	\$ 740.80	\$ 121.04	\$ -	\$ -	\$ -	\$ 10.27	\$ 15,901.06	\$ 22,099.98	\$ 110.49	\$ 45,846.44
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 55.01	\$ 40.95	\$ 68.85	\$ -	\$ -	\$ -	\$ -	\$ 1,072.82	\$ -	\$ -	\$ 13,585.63
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 5,822.02	\$ 4,333.47	\$ -	\$ -	\$ 1,899.62	\$ -	\$ 5,525.01	\$ 78,704.90	\$ 219,449.15	\$ 1,097.10	\$ 544,351.10
Grand Totals:		\$ 346,380.59	\$ 263,145.68	\$ 7,543.32	\$ 25,224.33	\$ 18,023.89	\$ 13,415.61	\$ 2,908.92	\$ -	\$ 5,161.56	\$ 5,652.26	\$ 8,911.58	\$ 256,453.96	\$ 598,746.53	\$ 2,993.34	\$ 1,554,561.57
Rate Calculation Totals:		\$ 390,301.32	\$ 365,612.57	\$ 12,031.75	\$ 40,233.33	\$ 18,038.06	\$ 13,425.00	\$ 4,010.58	\$ -	\$ 5,202.89	\$ 5,652.26	\$ 8,911.58	\$ 256,500.14	\$ 600,196.01	\$ 3,000.58	\$ 1,723,116.07
Deviation:		\$ (43,920.73)	\$ (102,466.89)	\$ (4,488.43)	\$ (15,009.00)	\$ (14.17)	\$ (9.39)	\$ (1,101.66)	\$ -	\$ (41.33)	\$ -	\$ -	\$ (46.18)	\$ (1,449.48)	\$ (7.24)	\$ (168,554.50)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

March, 09

Customer Number	Customer Name	State Capacity	State 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	\$ 13,452.38	\$ 14,160.85	\$ 620.30	\$ 2,074.26	\$ 1,154.56	\$ 814.20	\$ 206.78	\$ -	\$ 242.19	\$ -	\$ 1,348.51	\$ 14,647.47	\$ 28,548.87	\$ -	\$ 77,270.37
4	Metro Courthouse	\$ 6,368.34	\$ 6,607.71	\$ 289.45	\$ 967.92	\$ 317.20	\$ 223.69	\$ 96.49	\$ -	\$ 113.02	\$ -	\$ 731.88	\$ 4,149.35	\$ 7,319.64	\$ -	\$ 27,184.69
7	Parkway Towers	\$ 5,805.86	\$ 6,410.89	\$ 280.79	\$ 938.96	\$ 594.37	\$ 419.16	\$ 93.60	\$ -	\$ 109.63	\$ 603.92	\$ 229.78	\$ 7,825.04	\$ 13,506.84	\$ -	\$ 36,818.84
9	Wachovia	\$ 2,502.15	\$ 2,750.43	\$ 120.47	\$ 402.85	\$ 175.28	\$ 123.60	\$ 40.16	\$ -	\$ 47.04	\$ 217.00	\$ 66.70	\$ 2,103.27	\$ 4,838.28	\$ -	\$ 13,387.23
10	401 Union	\$ 2,957.89	\$ 3,327.29	\$ 145.73	\$ 487.31	\$ -	\$ -	\$ 48.58	\$ -	\$ 56.90	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,287.87
11	Sheraton Hotel	\$ 12,250.45	\$ 12,876.49	\$ 564.05	\$ 1,886.14	\$ 940.33	\$ 663.12	\$ 188.02	\$ -	\$ 220.23	\$ 1,047.50	\$ 22.05	\$ 9,798.16	\$ 32,171.19	\$ -	\$ 72,627.73
12	Municipal Auditorium	\$ 6,147.66	\$ 6,842.76	\$ 299.70	\$ 1,002.20	\$ 40.89	\$ 28.83	\$ 99.90	\$ -	\$ 117.01	\$ -	\$ -	\$ 172.29	\$ 2,460.86	\$ -	\$ 17,212.10
21	Hermitage Hotel	\$ 5,917.16	\$ 6,037.63	\$ 264.49	\$ 884.45	\$ 368.86	\$ 260.11	\$ 88.17	\$ -	\$ 103.27	\$ 235.83	\$ 61.89	\$ 5,231.38	\$ 6,811.20	\$ -	\$ 26,264.44
24	Criminal Justice Center	\$ 10,005.38	\$ 9,926.74	\$ 434.89	\$ 1,454.25	\$ 1,016.17	\$ 716.60	\$ 144.97	\$ -	\$ 169.80	\$ -	\$ 289.66	\$ 13,934.54	\$ 20,762.52	\$ -	\$ 58,855.52
25	501 Union Association	\$ 2,333.00	\$ 2,433.93	\$ 106.62	\$ 356.53	\$ 163.61	\$ 115.38	\$ 35.54	\$ -	\$ 41.62	\$ 198.17	\$ 147.58	\$ 2,233.75	\$ 3,384.25	\$ -	\$ 11,549.98
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 617.79	\$ 435.66	\$ 126.76	\$ -	\$ -	\$ -	\$ 149.37	\$ 6,561.99	\$ 20,613.72	\$ -	\$ 49,377.69
29	Fifth Third Financial Center	\$ 7,129.95	\$ 9,008.89	\$ 394.48	\$ 1,319.13	\$ 299.70	\$ 211.35	\$ 131.50	\$ -	\$ 154.02	\$ 669.92	\$ 459.96	\$ 5,573.03	\$ -	\$ -	\$ 25,351.93
32	Renaissance Hotel	\$ 14,696.05	\$ 15,015.49	\$ 657.79	\$ 2,199.59	\$ 1,315.49	\$ 927.68	\$ 219.26	\$ -	\$ 256.82	\$ 1,245.58	\$ -	\$ 15,089.99	\$ 39,220.16	\$ -	\$ 90,843.90
33	Convention Center	\$ 18,095.65	\$ 19,010.26	\$ 832.74	\$ 2,784.60	\$ 1,676.55	\$ 1,182.32	\$ 277.58	\$ -	\$ 325.13	\$ -	\$ -	\$ 24,485.99	\$ 27,997.19	\$ -	\$ 96,668.01
34	Renaissance Office Tower	\$ 1,743.18	\$ 2,202.56	\$ 96.45	\$ 322.51	\$ 183.89	\$ 129.68	\$ 32.15	\$ -	\$ 37.66	\$ 193.50	\$ -	\$ 3,419.51	\$ -	\$ -	\$ 8,361.09
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,810.60	\$ 7,341.86	\$ 321.49	\$ 1,075.03	\$ 577.92	\$ 407.56	\$ 107.16	\$ -	\$ 125.52	\$ 641.67	\$ -	\$ 10,746.64	\$ -	\$ -	\$ 27,155.45
38	Wildhorse Saloon	\$ 2,046.84	\$ 2,257.35	\$ 98.88	\$ 330.62	\$ 222.61	\$ 156.98	\$ 32.96	\$ -	\$ 38.60	\$ 155.67	\$ 40.32	\$ 2,800.31	\$ 5,603.96	\$ -	\$ 13,785.10
39	Ryman Auditorium	\$ 1,936.60	\$ 2,127.73	\$ 93.20	\$ 311.63	\$ 314.13	\$ 221.52	\$ 31.06	\$ -	\$ 36.39	\$ 151.00	\$ -	\$ 3,666.73	\$ 9,099.84	\$ -	\$ 17,989.83
40	Sommet Center	\$ 24,032.51	\$ 27,227.18	\$ 1,192.48	\$ 3,987.58	\$ 2,434.13	\$ 1,716.57	\$ 397.50	\$ -	\$ 465.60	\$ -	\$ 812.36	\$ 36,292.36	\$ 37,543.05	\$ -	\$ 136,101.32
41	LP Field	\$ 10,254.00	\$ 12,956.22	\$ 567.33	\$ 1,897.12	\$ 197.24	\$ 139.10	\$ 189.11	\$ -	\$ 221.51	\$ -	\$ -	\$ 3,667.73	\$ -	\$ -	\$ 30,089.36
43	Hume Fogg School	\$ 3,414.84	\$ 3,698.08	\$ 161.99	\$ 541.65	\$ 266.13	\$ 187.67	\$ 53.99	\$ -	\$ 63.24	\$ -	\$ 69.63	\$ 2,787.43	\$ 9,044.29	\$ -	\$ 20,288.94
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 309.92	\$ 218.55	\$ 77.79	\$ -	\$ -	\$ -	\$ -	\$ 3,402.44	\$ 9,878.43	\$ -	\$ 26,835.13
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,194.30	\$ 842.23	\$ 121.04	\$ -	\$ -	\$ -	\$ 10.27	\$ 17,369.99	\$ 20,248.05	\$ -	\$ 45,653.42
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 97.29	\$ 68.61	\$ 68.85	\$ -	\$ -	\$ -	\$ -	\$ 1,809.21	\$ -	\$ -	\$ 14,391.96
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 6,691.93	\$ 4,719.15	\$ -	\$ -	\$ 1,715.21	\$ -	\$ 4,037.12	\$ 86,472.69	\$ 158,880.60	\$ -	\$ 490,036.53
Grand Totals:		\$ 346,380.59	\$ 263,145.68	\$ 7,543.32	\$ 25,224.33	\$ 21,170.29	\$ 14,929.32	\$ 2,908.92	\$ -	\$ 4,660.41	\$ 5,652.26	\$ 8,477.08	\$ 284,241.29	\$ 457,932.94	\$ -	\$ 1,442,266.43
Rate Calculation Totals:		\$ 390,301.32	\$ 365,612.57	\$ 12,031.75	\$ 40,233.33	\$ 21,185.13	\$ 14,938.90	\$ 4,010.58	\$ -	\$ 4,697.73	\$ 5,652.26	\$ 8,477.08	\$ 284,292.98	\$ 458,871.80	\$ -	\$ 1,610,305.43
Deviation:		\$ (43,920.73)	\$ (102,466.89)	\$ (4,488.43)	\$ (15,009.00)	\$ (14.84)	\$ (9.58)	\$ (1,101.66)	\$ -	\$ (37.32)	\$ -	\$ -	\$ (51.69)	\$ (938.86)	\$ -	\$ (168,039.00)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

April, 09

Customer Number	Customer Name	State Capacity	State 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	\$ 13,452.38	\$ 14,160.85	\$ 620.30	\$ 2,074.26	\$ 1,365.13	\$ 373.09	\$ 206.78	\$ -	\$ 185.56	\$ -	\$ 1,137.30	\$ 15,515.31	\$ 20,202.46	\$ 60.64	\$ 69,354.06
4	Metro Courthouse	\$ 6,368.34	\$ 6,607.71	\$ 289.45	\$ 967.92	\$ 342.56	\$ 93.62	\$ 96.49	\$ -	\$ 86.59	\$ -	\$ 746.30	\$ 4,326.34	\$ 3,837.22	\$ 11.52	\$ 23,774.06
7	Parkway Towers	\$ 5,805.86	\$ 6,410.89	\$ 280.79	\$ 938.96	\$ 680.63	\$ 186.01	\$ 93.60	\$ -	\$ 84.00	\$ 603.92	\$ 217.02	\$ 7,999.99	\$ 9,320.56	\$ 27.98	\$ 32,650.21
9	Wachovia	\$ 2,502.15	\$ 2,750.43	\$ 120.47	\$ 402.85	\$ 211.44	\$ 57.79	\$ 40.16	\$ -	\$ 36.04	\$ 217.00	\$ 39.66	\$ 2,431.22	\$ 3,049.24	\$ 9.15	\$ 11,867.60
10	401 Union	\$ 2,957.89	\$ 3,327.29	\$ 145.73	\$ 487.31	\$ 0.13	\$ 0.04	\$ 48.58	\$ -	\$ 43.59	\$ 264.17	\$ -	\$ 2.13	\$ -	\$ -	\$ 7,276.86
11	Sheraton Hotel	\$ 12,250.45	\$ 12,876.49	\$ 564.05	\$ 1,886.14	\$ 1,073.50	\$ 293.37	\$ 188.02	\$ -	\$ 168.74	\$ 1,047.50	\$ -	\$ 9,819.26	\$ 22,663.29	\$ 68.03	\$ 62,898.84
12	Municipal Auditorium	\$ 6,147.66	\$ 6,842.76	\$ 299.70	\$ 1,002.20	\$ 4.75	\$ 1.30	\$ 99.90	\$ -	\$ 89.66	\$ -	\$ -	\$ 78.72	\$ -	\$ -	\$ 14,566.65
21	Hermitage Hotel	\$ 5,917.16	\$ 6,037.63	\$ 264.49	\$ 884.45	\$ 395.85	\$ 108.19	\$ 88.17	\$ -	\$ 79.13	\$ 235.83	\$ 73.03	\$ 4,679.12	\$ 5,345.99	\$ 16.05	\$ 24,125.09
24	Criminal Justice Center	\$ 10,005.38	\$ 9,926.74	\$ 434.89	\$ 1,454.25	\$ 1,102.40	\$ 301.28	\$ 144.97	\$ -	\$ 130.10	\$ -	\$ 425.44	\$ 13,287.99	\$ 14,156.22	\$ 42.49	\$ 51,412.15
25	501 Union Association	\$ 2,333.00	\$ 2,433.93	\$ 106.62	\$ 356.53	\$ 182.42	\$ 49.85	\$ 35.54	\$ -	\$ 31.90	\$ 198.17	\$ 136.21	\$ 2,338.32	\$ 1,945.76	\$ 5.84	\$ 10,154.09
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 433.03	\$ 118.35	\$ 126.76	\$ -	\$ -	\$ -	\$ 278.36	\$ 4,623.55	\$ 7,256.65	\$ 21.78	\$ 33,730.88
29	Fifth Third Financial Center	\$ 7,129.95	\$ 9,008.89	\$ 394.48	\$ 1,319.13	\$ 376.83	\$ 103.00	\$ 131.50	\$ -	\$ 118.01	\$ 669.92	\$ 443.82	\$ 6,242.86	\$ -	\$ -	\$ 25,938.39
32	Renaissance Hotel	\$ 14,696.05	\$ 15,015.49	\$ 657.79	\$ 2,199.59	\$ 1,698.99	\$ 464.32	\$ 219.26	\$ -	\$ 196.77	\$ 1,245.58	\$ -	\$ 16,093.89	\$ 34,294.19	\$ 102.94	\$ 86,884.86
33	Convention Center	\$ 18,095.65	\$ 19,010.26	\$ 832.74	\$ 2,784.60	\$ 1,508.80	\$ 412.35	\$ 277.58	\$ -	\$ 249.11	\$ -	\$ -	\$ 17,776.18	\$ 20,542.23	\$ 61.66	\$ 81,551.16
34	Renaissance Office Tower	\$ 1,743.18	\$ 2,202.56	\$ 96.45	\$ 322.51	\$ 223.12	\$ 60.98	\$ 32.15	\$ -	\$ 28.85	\$ 193.50	\$ -	\$ 3,696.39	\$ -	\$ -	\$ 8,599.69
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,810.60	\$ 7,341.86	\$ 321.49	\$ 1,075.03	\$ 740.42	\$ 202.37	\$ 107.16	\$ -	\$ 96.17	\$ 641.67	\$ -	\$ 12,266.31	\$ -	\$ -	\$ 28,603.08
38	Wildhorse Saloon	\$ 2,046.84	\$ 2,257.35	\$ 98.88	\$ 330.62	\$ 329.19	\$ 89.97	\$ 32.96	\$ -	\$ 29.58	\$ 155.67	\$ 38.82	\$ 3,677.47	\$ 5,053.53	\$ 15.17	\$ 14,156.05
39	Ryman Auditorium	\$ 1,936.60	\$ 2,127.73	\$ 93.20	\$ 311.63	\$ 436.46	\$ 119.28	\$ 31.06	\$ -	\$ 27.88	\$ 151.00	\$ -	\$ 4,617.14	\$ 7,436.47	\$ 22.32	\$ 17,310.77
40	Sommet Center	\$ 24,032.51	\$ 27,227.18	\$ 1,192.48	\$ 3,987.58	\$ 1,944.38	\$ 531.41	\$ 397.50	\$ -	\$ 356.73	\$ -	\$ 696.31	\$ 24,939.54	\$ 20,692.24	\$ 62.11	\$ 106,059.97
41	LP Field	\$ 10,254.00	\$ 12,956.22	\$ 567.33	\$ 1,897.12	\$ 415.62	\$ 113.60	\$ 189.11	\$ -	\$ 169.72	\$ -	\$ 11.61	\$ 6,885.44	\$ -	\$ -	\$ 33,459.77
43	Hume Fogg School	\$ 3,414.84	\$ 3,698.08	\$ 161.99	\$ 541.65	\$ 333.04	\$ 91.01	\$ 53.99	\$ -	\$ 48.45	\$ -	\$ 60.35	\$ 3,128.44	\$ 6,797.06	\$ 20.40	\$ 18,349.30
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 467.03	\$ 127.64	\$ 77.79	\$ -	\$ -	\$ -	\$ -	\$ 4,718.49	\$ 8,588.71	\$ 25.78	\$ 26,953.44
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,359.69	\$ 371.60	\$ 121.04	\$ -	\$ -	\$ -	\$ 4.11	\$ 16,751.86	\$ 16,428.07	\$ 49.31	\$ 40,953.22
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 183.60	\$ 50.18	\$ 68.85	\$ -	\$ -	\$ -	\$ -	\$ 3,041.64	\$ -	\$ -	\$ 15,692.27
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 7,957.43	\$ 2,174.75	\$ -	\$ -	\$ 1,314.16	\$ -	\$ 3,772.37	\$ 92,373.19	\$ 112,262.59	\$ 336.98	\$ 447,711.30
Grand Totals:		\$ 346,380.59	\$ 263,145.68	\$ 7,543.32	\$ 25,224.33	\$ 23,766.44	\$ 6,495.35	\$ 2,908.92	\$ -	\$ 3,570.74	\$ 5,652.26	\$ 8,080.71	\$ 281,310.79	\$ 319,872.48	\$ 960.15	\$ 1,294,911.76
Rate Calculation Totals:		\$ 390,301.32	\$ 365,612.57	\$ 12,031.75	\$ 40,233.33	\$ 23,780.15	\$ 6,497.85	\$ 4,010.58	\$ -	\$ 3,599.26	\$ 5,652.26	\$ 8,080.71	\$ 281,399.58	\$ 320,266.27	\$ 961.35	\$ 1,462,426.98
Deviation:		\$ (43,920.73)	\$ (102,466.89)	\$ (4,488.43)	\$ (15,009.00)	\$ (13.71)	\$ (2.50)	\$ (1,101.66)	\$ -	\$ (28.52)	\$ -	\$ -	\$ (88.79)	\$ (393.79)	\$ (1.20)	\$ (167,515.22)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

May, 09

Customer Number	Customer Name	State Capacity	State 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	\$ 13,452.38	\$ 14,160.85	\$ 620.30	\$ 2,074.26	\$ 1,969.95	\$ 502.21	\$ 206.78	\$ -	\$ 233.44	\$ -	\$ 1,259.15	\$ 20,684.70	\$ 19,904.48	\$ -	\$ 75,068.50
4	Metro Courthouse	\$ 6,368.34	\$ 6,607.71	\$ 289.45	\$ 967.92	\$ 368.51	\$ 93.95	\$ 96.49	\$ -	\$ 108.93	\$ -	\$ 670.59	\$ 5,969.69	\$ 563.49	\$ -	\$ 22,105.07
7	Parkway Towers	\$ 5,805.86	\$ 6,410.89	\$ 280.79	\$ 938.96	\$ 646.46	\$ 164.80	\$ 93.60	\$ -	\$ 105.68	\$ 603.92	\$ 314.89	\$ 7,977.60	\$ 4,741.86	\$ -	\$ 28,085.31
9	Wachovia	\$ 2,502.15	\$ 2,750.43	\$ 120.47	\$ 402.85	\$ 275.02	\$ 70.11	\$ 40.16	\$ -	\$ 45.33	\$ 217.00	\$ 16.22	\$ 3,004.98	\$ 2,602.59	\$ -	\$ 12,047.31
10	401 Union	\$ 2,957.89	\$ 3,327.29	\$ 145.73	\$ 487.31	\$ -	\$ -	\$ 48.58	\$ -	\$ 54.84	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,285.81
11	Sheraton Hotel	\$ 12,250.45	\$ 12,876.49	\$ 564.05	\$ 1,886.14	\$ 1,313.18	\$ 334.78	\$ 188.02	\$ -	\$ 212.27	\$ 1,047.50	\$ -	\$ 12,486.57	\$ 15,227.16	\$ -	\$ 58,386.61
12	Municipal Auditorium	\$ 6,147.66	\$ 6,842.76	\$ 299.70	\$ 1,002.20	\$ 34.89	\$ 8.90	\$ 99.90	\$ -	\$ 112.79	\$ -	\$ -	\$ 600.73	\$ -	\$ -	\$ 15,149.53
21	Hermitage Hotel	\$ 5,917.16	\$ 6,037.63	\$ 264.49	\$ 884.45	\$ 537.69	\$ 137.07	\$ 88.17	\$ -	\$ 99.53	\$ 235.83	\$ 238.29	\$ 6,232.89	\$ 4,549.33	\$ -	\$ 25,222.53
24	Criminal Justice Center	\$ 10,005.38	\$ 9,926.74	\$ 434.89	\$ 1,454.25	\$ 990.72	\$ 252.57	\$ 144.97	\$ -	\$ 163.67	\$ -	\$ 425.44	\$ 12,231.99	\$ 7,257.81	\$ -	\$ 43,288.43
25	501 Union Association	\$ 2,333.00	\$ 2,433.93	\$ 106.62	\$ 356.53	\$ 187.61	\$ 47.83	\$ 35.54	\$ -	\$ 40.13	\$ 198.17	\$ 125.92	\$ 2,660.20	\$ 857.10	\$ -	\$ 9,382.58
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 349.33	\$ 89.06	\$ 126.76	\$ -	\$ -	\$ -	\$ 20.37	\$ 6,014.05	\$ -	\$ -	\$ 27,471.97
29	Fifth Third Financial Center	\$ 7,129.95	\$ 9,008.89	\$ 394.48	\$ 1,319.13	\$ 444.53	\$ 113.33	\$ 131.50	\$ -	\$ 148.46	\$ 669.92	\$ 274.36	\$ 7,652.86	\$ -	\$ -	\$ 27,287.41
32	Renaissance Hotel	\$ 14,696.05	\$ 15,015.49	\$ 657.79	\$ 2,199.59	\$ 2,076.46	\$ 529.36	\$ 219.26	\$ -	\$ 247.55	\$ 1,245.58	\$ -	\$ 19,353.86	\$ 24,665.47	\$ -	\$ 80,906.46
33	Convention Center	\$ 18,095.65	\$ 19,010.26	\$ 832.74	\$ 2,784.60	\$ 1,172.99	\$ 299.05	\$ 277.58	\$ -	\$ 313.38	\$ -	\$ -	\$ 17,951.44	\$ 3,373.93	\$ -	\$ 64,111.62
34	Renaissance Office Tower	\$ 1,743.18	\$ 2,202.56	\$ 96.45	\$ 322.51	\$ 215.81	\$ 55.02	\$ 32.15	\$ -	\$ 36.30	\$ 193.50	\$ -	\$ 3,715.32	\$ -	\$ -	\$ 8,612.80
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,810.60	\$ 7,341.86	\$ 321.49	\$ 1,075.03	\$ 859.68	\$ 219.18	\$ 107.16	\$ -	\$ 120.99	\$ 641.67	\$ -	\$ 14,800.11	\$ -	\$ -	\$ 31,297.77
38	Wildhorse Saloon	\$ 2,046.84	\$ 2,257.35	\$ 98.88	\$ 330.62	\$ 362.25	\$ 92.35	\$ 32.96	\$ -	\$ 37.21	\$ 155.67	\$ 38.82	\$ 4,671.89	\$ 2,353.83	\$ -	\$ 12,478.67
39	Ryman Auditorium	\$ 1,936.60	\$ 2,127.73	\$ 93.20	\$ 311.63	\$ 605.34	\$ 154.32	\$ 31.06	\$ -	\$ 35.07	\$ 151.00	\$ -	\$ 6,148.77	\$ 6,428.27	\$ -	\$ 18,022.99
40	Sommet Center	\$ 24,032.51	\$ 27,227.18	\$ 1,192.48	\$ 3,987.58	\$ 1,742.29	\$ 444.18	\$ 397.50	\$ -	\$ 448.77	\$ -	\$ 696.31	\$ 24,287.29	\$ 8,587.12	\$ -	\$ 93,043.21
41	LP Field	\$ 10,254.00	\$ 12,956.22	\$ 567.33	\$ 1,897.12	\$ 765.42	\$ 195.14	\$ 189.11	\$ -	\$ 213.51	\$ -	\$ 359.76	\$ 13,177.32	\$ -	\$ -	\$ 40,574.93
43	Hume Fogg School	\$ 3,414.84	\$ 3,698.08	\$ 161.99	\$ 541.65	\$ 463.55	\$ 118.18	\$ 53.99	\$ -	\$ 60.96	\$ -	\$ 81.24	\$ 3,975.09	\$ 6,026.24	\$ -	\$ 18,595.81
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 571.65	\$ 145.74	\$ 77.79	\$ -	\$ -	\$ -	\$ -	\$ 5,718.82	\$ 6,202.65	\$ -	\$ 25,664.65
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,460.75	\$ 372.40	\$ 121.04	\$ -	\$ -	\$ -	\$ 34.93	\$ 17,277.51	\$ 11,841.37	\$ -	\$ 36,975.54
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 222.42	\$ 56.71	\$ 68.85	\$ -	\$ -	\$ -	\$ -	\$ 3,829.14	\$ -	\$ -	\$ 16,525.12
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 9,585.76	\$ 2,443.77	\$ -	\$ -	\$ 1,653.19	\$ -	\$ 4,077.61	\$ 110,974.38	\$ 81,323.67	\$ -	\$ 437,578.21
	Grand Totals:	\$ 346,380.59	\$ 263,145.68	\$ 7,543.32	\$ 25,224.33	\$ 27,222.26	\$ 6,940.01	\$ 2,908.92	\$ -	\$ 4,492.00	\$ 5,652.26	\$ 8,633.90	\$ 331,397.20	\$ 206,506.37	\$ -	\$ 1,236,046.84
	Rate Calculation Totals:	\$ 390,301.32	\$ 365,612.57	\$ 12,031.75	\$ 40,233.33	\$ 27,233.97	\$ 6,942.49	\$ 4,010.58	\$ -	\$ 4,527.96	\$ 5,652.26	\$ 8,633.90	\$ 331,512.34	\$ 206,636.00	\$ -	\$ 1,403,328.47
	Deviation:	\$ (43,920.73)	\$ (102,466.89)	\$ (4,488.43)	\$ (15,009.00)	\$ (11.71)	\$ (2.48)	\$ (1,101.66)	\$ -	\$ (35.96)	\$ -	\$ -	\$ (115.14)	\$ (129.63)	\$ -	\$ (167,281.63)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

June, 09

Customer Number	Customer Name	State Capacity	State 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	\$ 13,452.38	\$ 14,160.85	\$ 620.30	\$ 2,074.26	\$ 2,711.12	\$ 419.08	\$ 206.78	\$ -	\$ 247.66	\$ -	\$ 1,096.68	\$ 24,541.21	\$ 12,997.89	\$ -	\$ 72,528.21
4	Metro Courthouse	\$ 6,368.34	\$ 6,607.71	\$ 289.45	\$ 967.92	\$ 658.96	\$ 101.86	\$ 96.49	\$ -	\$ 115.57	\$ -	\$ 508.35	\$ 9,490.81	\$ 203.59	\$ -	\$ 25,409.05
7	Parkway Towers	\$ 5,805.86	\$ 6,410.89	\$ 280.79	\$ 938.96	\$ 622.05	\$ 96.16	\$ 93.60	\$ -	\$ 112.11	\$ 603.92	\$ 212.76	\$ 9,154.33	\$ 28.58	\$ -	\$ 24,360.01
9	Wachovia	\$ 2,502.15	\$ 2,750.43	\$ 120.47	\$ 402.85	\$ 459.82	\$ 71.07	\$ 40.16	\$ -	\$ 48.09	\$ 217.00	\$ 25.24	\$ 4,175.54	\$ 2,193.45	\$ -	\$ 13,006.27
10	401 Union	\$ 2,957.89	\$ 3,327.29	\$ 145.73	\$ 487.31	\$ -	\$ -	\$ 48.58	\$ -	\$ 58.18	\$ 264.17	\$ -	\$ -	\$ -	\$ -	\$ 7,289.15
11	Sheraton Hotel	\$ 12,250.45	\$ 12,876.49	\$ 564.05	\$ 1,886.14	\$ 2,657.23	\$ 410.75	\$ 188.02	\$ -	\$ 225.20	\$ 1,047.50	\$ -	\$ 20,509.49	\$ 15,710.46	\$ -	\$ 68,325.78
12	Municipal Auditorium	\$ 6,147.66	\$ 6,842.76	\$ 299.70	\$ 1,002.20	\$ 159.07	\$ 24.59	\$ 99.90	\$ -	\$ 119.66	\$ -	\$ -	\$ 2,349.69	\$ -	\$ -	\$ 17,045.23
21	Hermitage Hotel	\$ 5,917.16	\$ 6,037.63	\$ 264.49	\$ 884.45	\$ 1,019.24	\$ 157.56	\$ 88.17	\$ -	\$ 105.60	\$ 235.83	\$ 222.82	\$ 7,762.24	\$ 6,113.87	\$ -	\$ 28,809.06
24	Criminal Justice Center	\$ 10,005.38	\$ 9,926.74	\$ 434.89	\$ 1,454.25	\$ 1,705.68	\$ 263.66	\$ 144.97	\$ -	\$ 173.64	\$ -	\$ 479.76	\$ 15,110.41	\$ 8,453.86	\$ -	\$ 48,153.24
25	501 Union Association	\$ 2,333.00	\$ 2,433.93	\$ 106.62	\$ 356.53	\$ 221.15	\$ 34.19	\$ 35.54	\$ -	\$ 42.57	\$ 198.17	\$ 100.19	\$ 3,266.71	\$ -	\$ -	\$ 9,128.60
28	Sun Trust Bank	\$ 20,872.40	\$ -	\$ -	\$ -	\$ 851.00	\$ 131.54	\$ 126.52	\$ -	\$ -	\$ -	\$ -	\$ 12,570.34	\$ -	\$ -	\$ 34,551.80
29	Fifth Third Financial Center	\$ 7,129.95	\$ 9,008.89	\$ 394.48	\$ 1,319.13	\$ 802.99	\$ 124.12	\$ 131.50	\$ -	\$ 157.49	\$ 669.92	\$ 104.90	\$ 11,861.08	\$ -	\$ -	\$ 31,704.45
32	Renaissance Hotel	\$ 14,696.05	\$ 15,015.49	\$ 657.79	\$ 2,199.59	\$ 2,890.11	\$ 446.75	\$ 219.26	\$ -	\$ 262.62	\$ 1,245.58	\$ -	\$ 27,307.36	\$ 12,895.53	\$ -	\$ 77,836.13
33	Convention Center	\$ 18,095.65	\$ 19,010.26	\$ 832.74	\$ 2,784.60	\$ 1,769.43	\$ 273.51	\$ 277.58	\$ -	\$ 332.47	\$ -	\$ -	\$ 25,167.89	\$ 812.19	\$ -	\$ 69,356.32
34	Renaissance Office Tower	\$ 1,743.18	\$ 2,202.56	\$ 96.45	\$ 322.51	\$ 369.76	\$ 57.16	\$ 32.15	\$ -	\$ 38.51	\$ 193.50	\$ -	\$ 5,461.81	\$ -	\$ -	\$ 10,517.59
35	St. Mary of the Seven	\$ 849.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28.33	\$ -	\$ -	\$ -	\$ -	\$ 878.00
36	Nashville City Center	\$ 5,810.60	\$ 7,341.86	\$ 321.49	\$ 1,075.03	\$ 1,409.90	\$ 217.94	\$ 107.16	\$ -	\$ 128.35	\$ 641.67	\$ -	\$ 20,825.92	\$ -	\$ -	\$ 37,879.92
38	Wildhorse Saloon	\$ 2,163.05	\$ 2,404.19	\$ 105.31	\$ 352.12	\$ 660.55	\$ 102.10	\$ 35.11	\$ -	\$ 42.04	\$ 155.67	\$ 42.24	\$ 7,128.49	\$ 2,203.48	\$ -	\$ 15,394.35
39	Ryman Auditorium	\$ 2,278.40	\$ 2,559.60	\$ 112.11	\$ 374.87	\$ 1,100.41	\$ 170.10	\$ 37.37	\$ -	\$ 44.76	\$ 151.00	\$ -	\$ 8,252.70	\$ 6,707.65	\$ -	\$ 21,788.97
40	Sommet Center	\$ 24,032.51	\$ 27,227.18	\$ 1,192.48	\$ 3,987.58	\$ 5,708.83	\$ 882.45	\$ 397.50	\$ -	\$ 476.09	\$ -	\$ -	\$ 45,753.72	\$ 32,335.15	\$ -	\$ 141,993.49
41	LP Field	\$ 10,254.00	\$ 12,956.22	\$ 567.33	\$ 1,897.12	\$ 1,881.74	\$ 290.87	\$ 189.11	\$ -	\$ 226.50	\$ -	\$ 197.29	\$ 27,795.50	\$ -	\$ -	\$ 56,255.68
43	Hume Fogg School	\$ 3,414.84	\$ 3,698.08	\$ 161.99	\$ 541.65	\$ 911.18	\$ 140.85	\$ 53.99	\$ -	\$ 64.67	\$ -	\$ 64.99	\$ 5,156.27	\$ 6,960.29	\$ -	\$ 21,168.80
44	Schermerhorn Symphony	\$ 12,948.00	\$ -	\$ -	\$ -	\$ 1,059.73	\$ 163.81	\$ 77.64	\$ -	\$ -	\$ -	\$ -	\$ 7,791.26	\$ 6,590.93	\$ -	\$ 28,631.37
45	Nashville Public Library	\$ 5,867.54	\$ -	\$ -	\$ -	\$ 1,590.85	\$ 245.91	\$ 120.82	\$ -	\$ -	\$ -	\$ 73.96	\$ 18,487.25	\$ 4,201.16	\$ -	\$ 30,587.49
49	Viridian Residential	\$ 12,348.00	\$ -	\$ -	\$ -	\$ 444.00	\$ 68.63	\$ 68.66	\$ -	\$ -	\$ -	\$ -	\$ 6,558.37	\$ -	\$ -	\$ 19,887.66
51	State Government of TN	\$ 136,594.49	\$ 90,925.34	\$ -	\$ -	\$ 14,455.82	\$ 2,234.57	\$ -	\$ -	\$ 1,753.91	\$ -	\$ 3,350.87	\$ 155,176.15	\$ 48,917.67	\$ -	\$ 453,408.82
	Grand Totals:	\$ 346,838.60	\$ 263,724.39	\$ 7,568.66	\$ 25,309.07	\$ 46,120.62	\$ 7,129.23	\$ 2,916.58	\$ -	\$ 4,775.69	\$ 5,652.26	\$ 6,480.05	\$ 481,654.54	\$ 167,325.75	\$ -	\$ 1,365,495.44
	Rate Calculation Totals:	\$ 390,301.32	\$ 365,612.57	\$ 12,031.75	\$ 40,233.33	\$ 46,130.53	\$ 7,130.85	\$ 4,010.58	\$ -	\$ 4,803.57	\$ 5,652.26	\$ 6,480.05	\$ 481,800.58	\$ 167,325.77	\$ -	\$ 1,531,513.16
	Deviation:	\$ (43,462.72)	\$ (101,888.18)	\$ (4,463.09)	\$ (14,924.26)	\$ (9.91)	\$ (1.62)	\$ (1,094.00)	\$ -	\$ (27.88)	\$ -	\$ -	\$ (146.04)	\$ (0.02)	\$ -	\$ (166,017.72)

Metro Nashville District Energy System
FY 08-09

Chilled Water and Steam Revenues

True Up

Customer Number	Customer Name	State Capacity	State 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	\$ -	\$ -	\$ -	\$ (8,493.93)	\$ (347.19)	\$ (252.87)	\$ (1,545.85)	\$ -	\$ -	\$ -	\$ -	\$ (988.09)	\$ (699.51)	\$ -	\$ (12,327.44)
4	Metro Courthouse	\$ -	\$ -	\$ -	\$ (3,963.55)	\$ (126.02)	\$ (80.25)	\$ (721.34)	\$ -	\$ -	\$ -	\$ -	\$ (352.86)	\$ (168.22)	\$ -	\$ (5,412.24)
7	Parkway Towers	\$ -	\$ -	\$ -	\$ (3,844.97)	\$ (164.75)	\$ (104.76)	\$ (699.76)	\$ -	\$ -	\$ -	\$ -	\$ (461.23)	\$ (218.85)	\$ -	\$ (5,494.32)
9	Wachovia	\$ -	\$ -	\$ -	\$ (1,649.60)	\$ (58.48)	\$ (39.32)	\$ (300.21)	\$ -	\$ -	\$ -	\$ -	\$ (164.79)	\$ (93.53)	\$ -	\$ (2,305.93)
10	401 Union	\$ -	\$ -	\$ -	\$ (1,995.49)	\$ (16.00)	\$ (12.36)	\$ (363.16)	\$ -	\$ -	\$ -	\$ -	\$ (45.91)	\$ (37.46)	\$ -	\$ (2,470.38)
11	Sheraton Hotel	\$ -	\$ -	\$ -	\$ (7,723.58)	\$ (262.59)	\$ (207.94)	\$ (1,405.64)	\$ -	\$ -	\$ -	\$ -	\$ (755.72)	\$ (652.95)	\$ -	\$ (11,008.42)
12	Municipal Auditorium	\$ -	\$ -	\$ -	\$ (4,147.55)	\$ (20.85)	\$ (25.46)	\$ (754.83)	\$ -	\$ -	\$ -	\$ -	\$ (64.52)	\$ (118.34)	\$ -	\$ (5,131.55)
21	Hermitage Hotel	\$ -	\$ -	\$ -	\$ (3,621.73)	\$ (119.42)	\$ (77.45)	\$ (659.13)	\$ -	\$ -	\$ -	\$ -	\$ (335.08)	\$ (169.90)	\$ -	\$ (4,982.71)
24	Criminal Justice Center	\$ -	\$ -	\$ -	\$ (6,579.69)	\$ (266.81)	\$ (179.39)	\$ (1,197.47)	\$ -	\$ -	\$ -	\$ -	\$ (751.82)	\$ (426.73)	\$ -	\$ (9,401.91)
25	501 Union Association	\$ -	\$ -	\$ -	\$ (1,459.94)	\$ (50.18)	\$ (31.10)	\$ (265.71)	\$ -	\$ -	\$ -	\$ -	\$ (140.07)	\$ (60.64)	\$ -	\$ (2,007.64)
28	Sun Trust Bank	\$ -	\$ -	\$ -	\$ -	\$ (198.92)	\$ (136.90)	\$ (931.99)	\$ -	\$ -	\$ -	\$ -	\$ (562.10)	\$ (341.59)	\$ -	\$ (2,171.50)
29	Fifth Third Financial Center	\$ -	\$ -	\$ -	\$ (5,401.73)	\$ (172.96)	\$ (79.04)	\$ (983.08)	\$ -	\$ -	\$ -	\$ -	\$ (468.63)	\$ -	\$ -	\$ (7,105.44)
32	Renaissance Hotel	\$ -	\$ -	\$ -	\$ (9,007.16)	\$ (401.15)	\$ (293.56)	\$ (1,639.25)	\$ -	\$ -	\$ -	\$ -	\$ (1,142.36)	\$ (818.55)	\$ -	\$ (13,302.03)
33	Convention Center	\$ -	\$ -	\$ -	\$ (11,402.74)	\$ (425.15)	\$ (259.06)	\$ (2,075.23)	\$ -	\$ -	\$ -	\$ -	\$ (1,184.54)	\$ (480.93)	\$ -	\$ (15,827.65)
34	Renaissance Office Tower	\$ -	\$ -	\$ -	\$ (1,817.84)	\$ (72.16)	\$ (32.98)	\$ (330.83)	\$ -	\$ -	\$ -	\$ -	\$ (195.51)	\$ -	\$ -	\$ (2,449.32)
35	St. Mary of the Seven	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Nashville City Center	\$ -	\$ -	\$ -	\$ (4,469.50)	\$ (301.26)	\$ (137.67)	\$ (813.42)	\$ -	\$ -	\$ -	\$ -	\$ (816.27)	\$ -	\$ -	\$ (6,538.12)
38	Wildhorse Saloon	\$ -	\$ -	\$ -	\$ (1,353.86)	\$ (90.87)	\$ (59.12)	\$ (246.39)	\$ -	\$ -	\$ -	\$ -	\$ (255.07)	\$ (130.60)	\$ -	\$ (2,135.91)
39	Ryman Auditorium	\$ -	\$ -	\$ -	\$ (1,424.20)	\$ (101.15)	\$ (71.84)	\$ (259.20)	\$ -	\$ -	\$ -	\$ -	\$ (286.95)	\$ (190.20)	\$ -	\$ (2,333.54)
40	Sommet Center	\$ -	\$ -	\$ -	\$ (16,328.83)	\$ (781.41)	\$ (510.09)	\$ (2,971.74)	\$ -	\$ -	\$ -	\$ -	\$ (2,194.18)	\$ (1,136.01)	\$ -	\$ (23,922.26)
41	LP Field	\$ -	\$ -	\$ -	\$ (9,493.16)	\$ (301.78)	\$ (137.91)	\$ (1,727.69)	\$ -	\$ -	\$ -	\$ -	\$ (817.69)	\$ -	\$ -	\$ (12,478.23)
43	Hume Fogg School	\$ -	\$ -	\$ -	\$ (2,218.05)	\$ (67.88)	\$ (57.01)	\$ (403.67)	\$ -	\$ -	\$ -	\$ -	\$ (197.02)	\$ (192.99)	\$ -	\$ (3,136.62)
44	Schermerhorn Symphony	\$ -	\$ -	\$ -	\$ -	\$ (105.44)	\$ (81.17)	\$ (571.40)	\$ -	\$ -	\$ -	\$ -	\$ (302.29)	\$ (244.96)	\$ -	\$ (1,305.26)
45	Nashville Public Library	\$ -	\$ -	\$ -	\$ -	\$ (345.75)	\$ (211.23)	\$ (890.58)	\$ -	\$ -	\$ -	\$ -	\$ (963.61)	\$ (395.21)	\$ -	\$ (2,806.38)
49	Viridian Residential	\$ -	\$ -	\$ -	\$ (81.40)	\$ (37.20)	\$ (502.56)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (220.55)	\$ -	\$ -	\$ (841.71)
51	State Government of TN	\$ -	\$ -	\$ -	\$ -	\$ (2,210.29)	\$ (1,505.47)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (6,237.92)	\$ (3,678.52)	\$ -	\$ (13,632.20)
Grand Totals:		\$ -	\$ -	\$ -	\$ (106,397.10)	\$ (7,089.86)	\$ (4,621.15)	\$ (22,260.13)	\$ -	\$ -	\$ -	\$ -	\$ (19,904.78)	\$ (10,255.69)	\$ -	\$ (170,528.71)
Rate Calculation Totals:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deviation:		\$ -	\$ -	\$ -	\$ (106,397.10)	\$ (7,089.86)	\$ (4,621.15)	\$ (22,260.13)	\$ -	\$ -	\$ -	\$ -	\$ (19,904.78)	\$ (10,255.69)	\$ -	\$ (170,528.71)

Appendix 4

CEPS INVOICE RECONCILIATION - FY2008

FINALIZE FUEL EFFICIENCY ADJUSTMENTS

SUMMARY	ELECTRIC FEA	FUEL GAS FEA	WATER FEA	System TOTAL	Include FEA in INVOICE (YES/NO) YES
STEAM SYSTEM	\$18,725.18	\$198,729.73	\$453.96	\$217,908.87	
CHILLED WATER SYSTEM	\$266,798.47	\$0.00	\$97,156.11	\$363,954.58	
TOTAL	\$285,523.65	\$198,729.73	\$97,610.07	\$581,863.45	

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	2.857
GUARANTEED MAX QUANTITY	6.000	kWh per mlb sold	STEAM SOLD 282,524 mlb		
CEPS FUEL EFFICIENCY ADJUSTME	6.000	kWh per mlb sold	VARIANCE in kWh = RATE VARIANCE x STEAM SOLD	0	807,259
CEPS ACTUAL CONVERSION RATE	3.143	kWh per mlb sold	AVERAGE ELECTRIC PRICE \$0.0928 / kWh		
			CEPS PENALTY / BONUS	\$0.00	\$18,725.18
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)	60%	of Send-out	CES PENALTY/BONUS CALCULATION	PENALTY	BONUS
Given Condensate Return at	161 °F	avg. Temp.	RATE VARIANCE Dth. per mlb sold	0.000	0.214
GUARANTEED MAX QUANTITY	1.726	Dth.per mlb sold	STEAM SEND-OUT 338,984 mlb		
CEPS FUEL EFFICIENCY ADJUSTME	1.623	Dth.per mlb sold	VARIANCE in Dth. = RATE VARIANCE x STEAM SOLD	0	72,543
CEPS ACTUAL CONVERSION RATE	1.409	Dth.per mlb sold	AVERAGE FUEL PRICE \$10.9579 / Dth.		
			CEPS PENALTY / BONUS	\$0.00	\$198,729.73
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	830,369
VOLUMETRIC CONVERSION	8.15585	gallons	AVERAGE WATER PRICE \$2.1868 / kGall		
CONDENSATE RETURN SPEC. VOL.	19,180,665	gallons	CEPS PENALTY / BONUS	\$0.00	\$453.96
GUARANTEED MAX QUANTITY	18,350,296	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	0.217
GUARANTEED MAX QUANTITY	1.055	kWh per ton-hr sold	CHILLED WATER SOLD 52,976,335 ton-hrs		
CEPS FUEL EFFICIENCY ADJUSTME	1.055	kWh per ton-hr sold	VARIANCE in kWh = RATE VARIANCE x CHW SOLD	0	11,501,917
CEPS ACTUAL CONVERSION RATE	0.838	kWh per ton-hr sold	AVERAGE ELECTRIC PRICE \$0.0928 / kWh		
			CEPS PENALTY / BONUS	\$0.00	\$266,798.47
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	3.355
GUARANTEED MAX QUANTITY	5.250	gall per ton-hr sold	CHILLED WATER SOLD 52,976,335 ton-hrs		
CEPS FUEL EFFICIENCY ADJUSTME	5.250	gall per ton-hr sold	VARIANCE in gallons = RATE VARIANCE x CHW SOLD	0	177,713,759
CEPS ACTUAL CONVERSION RATE	1.895	gall per ton-hr sold	AVERAGE WATER PRICE \$2.1868 / kGall		
			CEPS PENALTY / BONUS	\$0.00	\$97,156.11
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	\$23,691.54	\$18,725.18	(\$4,966.36)	ELECTRIC	\$297,637.92	\$266,798.47	(\$30,839.45)
FUEL GAS	\$196,508.45	\$198,729.73	\$2,221.28	FUEL GAS	\$0.00	\$0.00	\$0.00
WATER	\$118.73	\$453.96	\$335.23	WATER	\$97,185.18	\$97,156.11	(\$29.07)
TOTAL	\$220,318.72	\$217,908.87	(\$2,409.85)	TOTAL	\$394,823.10	\$363,954.58	(\$30,868.52)

COMPARISON AMOUNT COLLECTED BY METRO VS 97-13 CAP

FEA COLLECTED BY METRO				METRO PAID	METRO OWES
	STEAM	CHILLED WATER	TOTAL	CEPS	CUSTOMER
ELECTRIC	\$4,951.66	\$126,348.56	\$131,300.22		
FUEL GAS	\$71,452.31	\$0.00	\$71,452.31		
WATER	\$134.60	\$46,630.52	\$46,765.12		
TOTAL	\$76,538.57	\$172,979.08	\$249,517.65	\$211,679.59	\$37,838.06



NASHVILLE DISTRICT ENERGY, LLC

REV: 1
DATE: 07/29/09

NASHVILLE, TENNESSEE

CEPS INVOICE RECONCILIATION - FY2008

SALES SUMMARY FROM CUSTOMER METER READS														TOTAL
MONTH		7	8	9	10	11	12	13	14	15	16	17	18	
STEAM SALES	Previously invoiced, lbs	8,393,494	9,077,482	10,202,403	19,614,865	34,450,359	45,944,721	50,124,284	36,194,950	29,098,668	19,983,069	12,050,792	7,388,659	282,523,746
	Reconciled, lbs	8,393,494	9,077,482	10,202,403	19,614,865	34,450,359	45,944,721	50,124,284	36,194,950	29,098,668	19,983,069	12,050,792	7,388,659	282,523,746
CHW SALES	Previously invoiced, ton-hrs	7,279,233	6,847,163	6,078,567	4,218,173	2,807,897	2,705,903	2,394,583	2,603,504	3,277,384	3,489,078	4,529,619	6,745,231	52,976,335
	Reconciled, ton-hrs	7,279,233	6,847,163	6,078,567	4,218,173	2,807,897	2,705,903	2,394,583	2,603,504	3,277,384	3,489,078	4,529,619	6,745,231	52,976,335
SUMMARY FROM CUSTOMER METER READS from INVOICES (paste link)														
START DATE		06/30/08	07/31/08	08/31/08	09/30/08	10/31/08	11/30/08	12/31/08	01/31/09	02/28/09	03/31/09	04/30/09	05/31/09	06/30/08
END DATE		07/31/08	08/31/08	09/30/08	10/31/08	11/30/08	12/31/08	01/31/09	02/28/09	03/31/09	04/30/09	05/31/09	06/30/09	06/30/09
CHW SALES	ton-hrs	7,279,233	6,847,163	6,078,567	4,218,173	2,807,897	2,705,903	2,394,583	2,603,504	3,277,384	3,489,078	4,529,619	6,745,231	52,976,335
CHW SENDOUT	ton-hrs	8,214,600	7,690,800	6,660,700	4,660,700	3,094,000	2,722,400	2,442,400	2,763,000	3,468,200	3,755,800	4,801,200	7,758,600	58,032,400
CHW ELECTRIC	kWh	6,242,231	5,951,772	5,068,840	3,427,570	2,244,383	2,076,863	1,875,022	1,953,466	2,454,420	2,766,291	3,671,185	5,667,930	43,399,972
CHW MUW	galls	19,441,000	13,968,000	11,616,000	7,572,000	4,520,000	3,827,000	3,279,000	3,899,000	5,133,000	6,076,000	8,118,000	12,963,000	100,412,000
STEAM SALES	mbs	8,393	9,077	10,202	19,615	34,450	45,945	50,124	36,195	29,099	19,983	12,051	7,389	282,524
STEAM SENDOUT	mbs	13,600	14,285	15,118	24,339	38,146	49,722	54,102	38,681	34,816	24,903	17,870	13,402	338,984
STEAM PRODUCTION	mbs	15,805	17,337	18,545	28,702	45,543	59,949	65,698	46,943	41,193	31,166	21,530	15,533	407,944
NATURAL GAS	mmBtu	18,817	20,452	21,292	34,352	53,691	70,408	76,825	55,835	47,685	35,204	24,865	17,988	477,414
PROPANE	mmBtu	0	8	0	8	16	8	16	206	0	66	0	0	328
STEAM ELECTRIC	kWh	46,416	47,996	47,334	67,032	97,821	111,502	118,912	88,879	78,596	62,121	49,642	47,120	863,372
CONDENSATE RETURN	galls	874,800	234,300	537,400	2,037,000	3,155,300	3,838,500	3,964,700	3,383,700	2,954,656	1,639,100	1,134,700	1,130,300	24,884,456
	mbs	7,135	1,911	4,383	16,613	25,734	31,306	32,335	27,597	24,098	13,368	9,254	9,219	202,953
	°F	172 °F	145 °F	157 °F	159 °F	160 °F	162 °F	163 °F	158 °F	158 °F	162 °F	160 °F	175 °F	161.2
STEAM MUW	galls	755,910	1,595,390	1,381,980	1,085,510	1,763,340	2,553,840	3,076,890	1,676,320	1,297,130	1,497,620	1,056,150	428,530	18,168,610
	mbs	6,308	13,314	11,533	9,059	14,716	21,313	25,678	13,989	10,825	12,498	8,814	3,576	151,623
Days in Service		32	32	31	32	31	32	32	29	32	31	32	31	377
Efficiency - Cooling	kWh/ton-hr-Sold	0.858	0.869	0.834	0.813	0.799	0.768	0.783	0.750	0.749	0.793	0.810	0.840	0.819
Efficiency - Heating	Dth/klb-Sendout	1.384	1.432	1.408	1.412	1.408	1.416	1.420	1.449	1.370	1.416	1.391	1.342	1.409

CEPS INVOICE RECONCILIATION - FY2008

UTILITY INVOICES (Paste Link)

Month of Service	7	8	9	10	11	12	1	2	3	4	5	6	TOTAL
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ELECTRIC SERVICE (NES)														
Service Dates	From	6/30/2008	7/31/2008	8/31/2008	9/30/2008	10/31/2008	10/31/2008	12/31/2008	1/31/2009	1/31/2009	4/1/2009	5/1/2009	6/1/2009	6/30/2008
	To	7/31/2008	8/31/2008	9/30/2008	10/31/2008	11/30/2008	11/30/2008	1/31/2009	2/28/2009	2/28/2009	4/30/2009	5/31/2009	6/30/2009	6/30/2009
PEAK Demand	kW	14,011	14,011	12,222	9,425	9,380	9,380	9,380	9,380	9,380	9,380	9,710	13,784	14,011
Service Period Use	kWh	6,412,000	6,048,000	5,180,000	3,584,000	2,464,000	2,268,000	2,072,000	2,100,000	2,632,000	2,884,000	3,836,000	5,796,000	45,276,000
Service Period Charge	\$	\$ 494,984.15	\$ 478,756.19	\$ 415,420.14	\$ 355,467.30	\$ 290,866.28	\$ 275,590.88	\$ 254,304.90	\$ 256,500.14	\$ 284,292.98	\$ 281,399.58	\$ 331,512.34	\$ 481,800.58	\$ 4,200,895
Average Charge	\$/kWh	\$ 0.077200	\$ 0.079200	\$ 0.080200	\$ 0.099200	\$ 0.118000	\$ 0.121500	\$ 0.122700	\$ 0.122100	\$ 0.108000	\$ 0.097600	\$ 0.086400	\$ 0.083100	\$ 0.092784

NATURAL GAS SERVICE														
Service Dates	From	7/1/2008	8/1/2008	9/1/2008	10/1/2008	11/1/2008	12/1/2008	1/1/2009	2/1/2009	3/1/2009	4/1/2009	5/1/2009	6/1/2009	7/1/2008
	To	8/1/2008	9/1/2008	9/30/2008	10/31/2008	12/1/2008	12/31/2008	1/31/2009	3/1/2009	4/1/2009	4/30/2009	5/31/2009	6/30/2009	6/30/2009
UTILITY METER Readings	Start	340,128	358,502	378,444	399,237	432,937	485,087	553,362	627,658	682,159	728,240	762,421	786,661	804,167
	Ending	358,502	378,444	399,237	432,937	485,087	553,362	627,658	682,159	728,240	762,421	786,661	804,167	804,167
UTILITY METER Multiplier		10	10	10	10	10	10	10	10	10	10	10	10	10
HEAT FACTOR		1	1	1	1	1	1	1	1	1	1	1	1	1
Service Period Use	CCF	183,740	199,420	207,930	337,000	521,500	682,750	742,960	545,010	460,810	341,810	242,400	175,060	4,640,390
	Dth	18,796.6	20,460.5	21,375.2	34,609.9	53,975.3	70,528.1	76,673.5	55,918.0	47,371.3	34,933.0	24,821.8	17,908.6	477,371.8
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	\$ 6,328.90	75,946.8
NASHVILLE GAS	\$	\$ 10,776.59	\$ 11,254.59	\$ 11,522.87	\$ 15,404.44	\$ 21,084.08	\$ 25,938.82	\$ 27,809.96	\$ 21,722.62	\$ 19,276.13	\$ 15,628.12	\$ 12,662.64	\$ 10,635.08	203,715.9
ATMOS	\$	\$ 232,649.67	\$ 243,478.97	\$ 255,689.15	\$ 392,519.60	\$ 611,003.74	\$ 775,744.86	\$ 798,537.09	\$ 572,144.49	\$ 433,266.77	\$ 298,309.25	\$ 187,644.46	\$ 150,361.79	4,951,349.8
TOTAL	\$	\$ 249,755.16	\$ 261,062.46	\$ 273,540.92	\$ 414,252.94	\$ 638,416.72	\$ 808,012.58	\$ 832,675.95	\$ 600,196.01	\$ 458,871.80	\$ 320,266.27	\$ 206,636.00	\$ 167,325.77	\$ 5,231,012.58
Average Charge	\$/Dth	\$ 13.2873	\$ 12.7593	\$ 12.7971	\$ 11.9692	\$ 11.8279	\$ 11.4566	\$ 10.8600	\$ 10.7335	\$ 9.6867	\$ 9.1680	\$ 8.3248	\$ 9.3433	\$ 10.9579

WATER SERVICE (DOMESTIC AND PLANT)														
Service Dates	From	6/30/2008	7/31/2008	8/31/2008	9/30/2008	10/31/2008	10/31/2008	12/31/2008	1/31/2009	1/31/2009	4/1/2009	5/1/2009	6/1/2009	6/30/2008
	To	7/31/2008	8/31/2008	9/30/2008	10/31/2008	11/30/2008	11/30/2008	1/31/2009	2/28/2009	2/28/2009	4/30/2009	5/31/2009	6/30/2009	6/30/2009
UTILITY METER Readings														
DOMESTIC	Start													
	Ending													
PLANT METER #1	Start													
	Ending													
PLANT METER #2	Start													
	Ending													
Service Period Use														
DOMESTIC	CCF	8	12	12	13	7	9	11	12	12	10	10	11	127
PLANT METER #1	CCF	21,110	20,053	19,177	12,126	7,984	10,044	8,741	7,876	9,261	10,408	11,928	19,037	157,745
PLANT METER #2	CCF													0
TOTAL	CCF	21,118	20,065	19,189	12,139	7,991	10,053	8,752	7,888	9,273	10,418	11,938	19,048	157,872
PLANT ONLY	CCF	21,110	20,053	19,177	12,126	7,984	10,044	8,741	7,876	9,261	10,408	11,928	19,037	157,745
	GALLONS	15,790,280	14,999,644	14,344,396	9,070,248	5,972,032	7,512,912	6,538,268	5,891,248	6,927,228	7,785,184	8,922,144	14,239,676	117,993,260
Service Period Charges														
DOMESTIC	WATER \$	\$ 39.29	\$ 46.69	\$ 46.69	\$ 48.54	\$ 37.44	\$ 41.14	\$ 44.84	\$ 46.69	\$ 46.69	\$ 42.99	\$ 42.99	\$ 47.06	
	SEWER \$	\$ 72.76	\$ 86.48	\$ 86.48	\$ 89.91	\$ 69.33	\$ 76.19	\$ 83.05	\$ 86.48	\$ 86.48	\$ 79.62	\$ 79.62	\$ 90.54	
PLANT	WATER \$	\$ 34,305.75	\$ 32,589.76	\$ 31,166.48	\$ 19,710.71	\$ 12,978.93	\$ 16,326.61	\$ 14,210.25	\$ 12,805.18	\$ 15,055.46	\$ 16,918.36	\$ 19,387.98	\$ 32,571.84	
	SEWER \$	\$ 13,668.73	\$ 12,984.32	\$ 12,417.11	\$ 7,851.59	\$ 5,169.64	\$ 6,503.49	\$ 5,659.80	\$ 5,099.71	\$ 5,996.50	\$ 6,739.18	\$ 7,723.38	\$ 13,421.09	
STATE FEE @ 10%														
TOTAL		\$ 48,086.53	\$ 45,707.25	\$ 43,716.76	\$ 27,700.75	\$ 18,255.34	\$ 22,947.43	\$ 19,997.94	\$ 18,038.06	\$ 21,185.13	\$ 23,780.15	\$ 27,233.97	\$ 46,130.53	\$ 362,779.84
PLANT, WATER ONLY	\$	\$ 34,305.75	\$ 32,589.76	\$ 31,166.48	\$ 19,710.71	\$ 12,978.93	\$ 16,326.61	\$ 14,210.25	\$ 12,805.18	\$ 15,055.46	\$ 16,918.36	\$ 19,387.98	\$ 32,571.84	\$ 258,027.31
Average Charge	\$/kGall	\$ 2.1726	\$ 2.1727	\$ 2.1727	\$ 2.1731	\$ 2.1733	\$ 2.1731	\$ 2.1734	\$ 2.1736	\$ 2.1734	\$ 2.1731	\$ 2.1730	\$ 2.2874	\$ 2.1868

MONTHLY FEAs														
Service Dates	From	6/30/2008	7/31/2008	8/31/2008	9/30/2008	11/1/2008	12/1/2008	1/1/2009	2/1/2009	3/1/2009	4/1/2009	5/1/2009	6/1/2009	6/30/2008
	To	7/31/2008	8/31/2008	9/30/2008	10/31/2008	11/30/2008	12/31/2008	1/31/2009	2/28/2009	3/31/2009	4/30/2009	5/31/2009	6/30/2009	6/30/2009
STEAM	ELECTRIC	\$76.14	\$128.14	\$278.40	\$1,256.49	\$3,212.49	\$4,986.36	\$5,578.28	\$3,915.60	\$2,591.92	\$1,409.61	\$489.63	-\$231.52	\$23,691.54
	FUEL GAS	\$10,932.46	\$10,390.56	\$11,994.18	\$14,785.45	\$23,349.66	\$28,768.28	\$29,527.53	\$16,940.90	\$20,572.34	\$12,112.93	\$8,963.62	\$8,170.54	\$196,508.45
	WATER	\$80.47	\$72.48	\$64.03	-\$15.30	-\$67.08	\$9.40	-\$83.71	-\$283.00	\$109.33	\$61.84	\$80.46	\$89.82	\$118.73
CHW	ELECTRIC	\$27,676.37	\$25,216.72	\$26,934.43	\$25,315.79	\$21,205.25	\$23,589.04	\$19,979.46	\$24,238.96	\$27,077.76	\$22,304.97	\$23,970.75	\$30,128.42	\$297,637.92
	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	\$0.00
	WATER	\$10,196.63	\$11,938.66	\$11,024.46	\$7,917.58	\$5,553.19	\$5,639.11	\$5,049.56	\$5,308.12	\$6,560.34	\$6,651.41	\$8,509.16	\$12,836.96	\$97,185.18

CEPS INVOICE RECONCILIATION - FY2008

STEAM CAPACITY TEST ADJUSTMENTS

Month	7	8	9	10	11	12	TOTAL
NATURAL GAS							
USAGE CREDIT							0
MCF							0
Dth							\$ -
\$							
ELECTRIC							
USAGE CREDIT							0
kWh							\$ -
\$							
WATER							
USAGE CREDIT							0
kGallon							\$ -
\$							
PLANT STEAM							
SEND-OUT CREDIT							0
mb							

PLANT READINGS (Paste Link)

Month	7	8	9	10	11	12	1	2	3	4	5	6	TOTAL
DATE OF READINGS	From	6/30/2008	7/31/2008	8/31/2008	9/30/2008	11/1/2008	12/1/2008	1/1/2009	2/1/2009	3/1/2009	4/1/2009	5/31/2008	4/30/2008
(coincides with Customer Dates)	To	7/31/2008	8/31/2008	9/30/2008	10/31/2008	11/30/2008	12/31/2008	1/31/2009	2/28/2009	3/31/2009	4/30/2009	5/31/2009	6/30/2009

ELECTRIC METERS

SWG-2A	Start Reading	34,842.50	35,744.82	36,552.98	36,988.19	37,485.62	37,679.45	37,692.75	38,135.50	38,645.80	38,803.01	39,091.98	39,406.26	
	End Reading	35,744.82	36,552.98	36,988.19	37,485.62	37,679.45	37,692.75	38,135.50	38,645.80	38,803.01	39,091.98	39,406.26	39,763.60	
	Period Use in units = 1,000 x kWh	902.320	808.160	435.210	497.430	193.830	13.300	442.750	510.300	157.210	288.970	314.280	357.340	4,921,100
SWG-2B	Start Reading	52,832.70	54,139.38	55,328.81	56,291.09	57,023.76	57,771.21	58,186.90	58,301.23	58,762.80	59,668.70	60,372.57	61,407.50	
	End Reading	54,139.38	55,328.81	56,291.09	57,023.76	57,771.21	58,186.90	58,301.23	58,762.80	59,668.70	60,372.57	61,407.50	62,559.00	
	Period Use in units = 1,000 x kWh	1,306.680	1,189.430	962.280	732.670	747.450	415.690	114.330	461.570	905.900	703.870	1,034.930	1,151.500	9,726,300
SWG-3A	Start Reading	34,048.00	35,481.63	36,995.35	38,571.20	39,446.14	39,789.35	40,827.04	41,350.00	41,382.60	41,729.62	42,264.71	42,932.66	
	End Reading	35,481.63	36,995.35	38,571.20	39,446.14	39,789.35	40,827.04	41,350.00	41,382.60	41,729.62	42,264.71	42,932.66	44,124.20	
	Period Use in units = 1,000 x kWh	1,433.630	1,513.720	1,575.850	874.940	343.210	1,037.690	522.960	32.600	347.020	535.090	667.950	1,191,540	10,076,200
SWG-3B	Start Reading	38,879.80	40,040.39	41,074.52	41,990.97	42,514.05	42,910.40	43,001.29	43,309.50	43,787.00	44,228.88	44,801.20	45,570.65	
	End Reading	40,040.39	41,074.52	41,990.97	42,514.05	42,910.40	43,001.29	43,309.50	43,787.00	44,228.88	44,801.20	45,570.65	47,257.30	
	Period Use in units = 1,000 x kWh	1,160.590	1,034.130	916.450	523.080	396.350	90.890	308.210	477.500	572.320	441.880	769.450	1,686.650	8,377,500
SWG-4A	Start Reading	3,769,876.00	3,955,330.00	4,058,265.00	4,249,936.00	4,330,121.00	4,370,930.00	4,536,233.00	4,611,072.00	4,697,466.00	4,793,617.00	4,896,038.00	5,031,418.00	
	End Reading	3,955,330.00	4,058,265.00	4,249,936.00	4,330,121.00	4,370,930.00	4,536,233.00	4,611,072.00	4,697,466.00	4,793,617.00	4,896,038.00	5,031,418.00	5,261,268.00	
	Period Use in units = 1 x kWh	185,454	102,935	191,671	80,185	40,809	165,303	74,839	86,394	96,151	102,421	135,380	229,850	1,491,392
SWG-4B	Start Reading	9,542,557.00	9,932,362.00	10,425,808.00	10,692,680.00	10,902,619.00	11,051,182.00	11,051,463.00	11,124,339.00	11,189,585.00	11,286,486.00	11,401,915.00	11,545,527.00	
	End Reading	9,932,362.00	10,425,808.00	10,692,680.00	10,902,619.00	11,051,182.00	11,051,463.00	11,124,339.00	11,189,585.00	11,286,486.00	11,401,915.00	11,545,527.00	11,803,276.00	
	Period Use in units = 1 x kWh	389,805	493,446	266,872	209,939	148,563	281	72,876	65,246	96,901	115,429	143,612	257,749	2,260,719
SWG-5A	Start Reading	7,476,581.00	7,713,825.00	7,900,087.00	8,061,731.00	8,178,003.00	8,308,332.00	8,434,178.00	8,535,054.00	8,623,271.00	8,745,294.00	8,880,076.00	9,028,076.00	
	End Reading	7,713,825.00	7,900,087.00	8,061,731.00	8,178,003.00	8,308,332.00	8,434,178.00	8,535,054.00	8,623,271.00	8,745,294.00	8,880,076.00	9,028,076.00	9,192,255.00	
	Period Use in units = 1 x kWh	237,244	186,262	161,644	116,272	130,329	125,846	100,876	88,217	122,023	134,782	148,000	164,179	1,715,674
SWG-5B	Start Reading	7,130,800.00	7,255,044.00	7,420,136.00	7,582,091.00	7,704,600.00	7,766,440.00	7,831,264.00	7,916,272.00	8,001,775.00	8,083,658.00	8,155,200.00	8,261,785.00	
	End Reading	7,255,044.00	7,420,136.00	7,582,091.00	7,704,600.00	7,766,440.00	7,831,264.00	7,916,272.00	8,001,775.00	8,083,658.00	8,155,200.00	8,261,785.00	8,434,879.00	
	Period Use in units = 1 x kWh	124,244	165,092	161,955	122,509	61,840	64,824	85,008	85,503	81,883	71,542	106,585	173,094	1,304,079
MCC-1	Start Reading	6,511,368.10	6,727,332.60	6,899,187.10	7,056,474.70	7,173,449.90	7,238,277.90	7,291,940.80	7,342,388.00	7,388,099.80	7,468,700.00	7,565,346.50	7,721,548.80	
	End Reading	6,727,332.60	6,899,187.10	7,056,474.70	7,173,449.90	7,238,277.90	7,291,940.80	7,342,388.00	7,388,099.80	7,468,700.00	7,565,346.50	7,721,548.80	7,934,724.80	
	Period Use in units = 1 x kWh	215,965	171,855	157,288	116,975	64,828	53,663	50,447	45,712	80,600	96,647	156,202	213,176	1,423,357
MCC-2	Start Reading	6,358,699.10	6,598,032.10	6,838,165.20	7,033,985.10	7,141,542.10	7,212,752.60	7,273,809.90	7,324,975.60	7,381,192.00	7,458,333.50	7,557,699.40	7,706,637.90	
	End Reading	6,598,032.10	6,838,165.20	7,033,985.10	7,141,542.10	7,212,752.60	7,273,809.90	7,324,975.60	7,381,192.00	7,458,333.50	7,557,699.40	7,706,637.90	7,904,549.80	
	Period Use in units = 1 x kWh	239,333	240,133	195,820	107,557	71,211	61,057	51,166	56,216	77,142	99,366	148,939	197,912	1,545,851
MCC-3	Start Reading	1,538,836.70	1,571,920.30	1,576,866.50	1,583,996.80	1,620,299.60	1,655,675.00	1,703,969.20	1,751,305.00	1,793,688.10	1,817,972.00	1,833,553.00	1,843,410.60	
	End Reading	1,571,920.30	1,576,866.50	1,583,996.80	1,620,299.60	1,655,675.00	1,703,969.20	1,751,305.00	1,793,688.10	1,817,972.00	1,833,553.00	1,843,410.60	1,877,339.30	
	Period Use in units = 1 x kWh	33,084	4,946	7,130	36,303	35,375	48,294	47,336	42,383	24,284	15,581	9,858	33,929	338,503
MCC-4	Start Reading	2,144,587.60	2,157,573.20	2,200,250.10	2,240,049.10	2,269,890.70	2,330,375.50	2,391,051.30	2,459,450.40	2,503,981.10	2,556,795.60	2,602,322.20	2,641,494.80	
	End Reading	2,157,573.20	2,200,250.10	2,240,049.10	2,269,890.70	2,330,375.50	2,391,051.30	2,459,450.40	2,503,981.10	2,556,795.60	2,602,322.20	2,641,494.80	2,654,315.20	
	Period Use in units = 1 x kWh	12,986	42,677	39,799	29,842	60,485	60,676	68,399	44,531	52,815	45,527	39,173	12,820	509,728

NOTES:

OTHER METERS (Paste Link)

FT_6120: Propane Gas	Start Reading	12,095.33	12,095.33	12,098.36	12,098.36	12,101.51	12,107.91	12,110.91	12,117.41	12,199.20	12,199.20	12,225.20	12,225.20	
	End Reading	12,095.33	12,098.36	12,098.36	12,101.51	12,107.91	12,110.91	12,117.41	12,199.20	12,199.20	12,225.20	12,225.20	12,225.20	

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134	Period Use in units = 1,000 x SCFT	0.00	3,030.00	0.00	3,150.00	6,400.00	3,000.00	6,500.00	81,790.00	0.00	26,000.00	0.00	0.00	129,870
135	Higher Heating Value in units = BTU/SCFT	2,520	2,521	2,522	2,523	2,524	2,525	2,526	2,527	2,528	2,529	2,530	2,531	
136	FIQY_3000: Strm Sendout Start Reading	1,680,215	1,693,815	1,708,100	1,723,218	1,747,557	1,785,703	1,835,425	1,889,527	1,928,208	1,963,024	1,987,927	2,005,797	
137	End Reading	1,693,815	1,708,100	1,723,218	1,747,557	1,785,703	1,835,425	1,889,527	1,928,208	1,963,024	1,987,927	2,005,797	2,019,199	
138	Period Use in units = 1 x MLB	13,600	14,285	15,118	24,339	38,146	49,722	54,102	38,681	34,816	24,903	17,870	13,402	338,984
139	WQ_1800: CHW Sendout Start Reading	233,215,800	241,430,400	249,121,200	257,186,800	261,847,500	264,941,500	267,663,900	270,106,300	272,869,300	276,337,500	280,147,600	284,948,800	
140	End Reading	241,430,400	249,121,200	257,186,800	261,847,500	264,941,500	267,663,900	270,106,300	272,869,300	276,337,500	280,147,600	284,948,800	292,707,400	
141	Period Use in units = 1 x TON-HRS	8,214,600	7,690,800	6,660,700	4,660,700	3,094,000	2,722,400	2,442,400	2,763,000	3,468,200	3,755,800	4,801,200	7,758,600	58,032,400
142	FT_8100: Cond. Return Start Reading	26,466,100	27,340,900	27,575,200	28,112,600	30,149,600	33,304,900	37,143,400	41,108,100	44,491,800	46,593,100	48,232,200	49,366,900	
143	End Reading	27,340,900	27,575,200	28,112,600	30,149,600	33,304,900	37,143,400	41,108,100	44,491,800	46,593,100	48,232,200	49,366,900	50,497,200	
144	Period Use in units = 1 x GALL	874,800	234,300	537,400	2,037,000	3,155,300	3,838,500	3,964,700	3,383,700	2,954,656	1,639,100	1,134,700	1,130,300	24,884,456
145	WQ_8100: Cond. Return Start Reading	40,277	41,277	41,492	42,039	44,153	47,442	51,524	55,773	59,264	61,422	63,166	64,353	
146	End Reading	41,277	41,492	42,039	44,153	47,442	51,524	55,773	59,264	61,422	63,166	64,353	65,667	
147	Period Use in units = 1 x mmBtu	1,000	215	547	2,114	3,289	4,082	4,249	3,491	3,034	1,744	1,187	1,314	26,266
148	Condensate Return Temp	172 °F	145 °F	157 °F	159 °F	160 °F	162 °F	163 °F	158 °F	158 °F	162 °F	160 °F	175 °F	161 °F
149	FT_4500: MUW, Strm. Start Reading	22,826,880	23,582,790	25,178,180	26,560,160	27,645,670	29,409,010	31,962,850	35,039,740	36,716,060	38,013,190	39,510,810	40,566,960	
150	End Reading	23,582,790	25,178,180	26,560,160	27,645,670	29,409,010	31,962,850	35,039,740	36,716,060	38,013,190	39,510,810	40,566,960	40,995,490	
151	Period Use in units = 1 x GALL	755,910	1,595,390	1,381,980	1,085,510	1,763,340	2,553,840	3,076,890	1,676,320	1,297,130	1,497,620	1,056,150	428,530	18,168,610
152	FT_4200: MUW, CW. Start Reading	459,280,000	473,680,000	487,648,000	499,264,000	506,836,000	511,356,000	515,183,000	518,462,000	522,361,000	527,494,000	533,570,000	541,688,000	
153	End Reading	478,480,000	487,648,000	499,264,000	506,836,000	511,356,000	515,183,000	518,462,000	522,361,000	527,494,000	533,570,000	541,688,000	554,651,000	
154	Period Use in units = 1 x GALL	19,441,000	13,968,000	11,616,000	7,572,000	4,520,000	3,827,000	3,279,000	3,899,000	5,133,000	6,076,000	8,118,000	12,963,000	100,412,000
155	FT_4100: MUW, CHW. Start Reading	30,676,000	30,827,800	31,024,400	31,192,400	31,392,000	31,599,200	31,865,000	32,105,800	32,289,700	32,536,800	32,768,400	32,997,500	
156	End Reading	30,827,800	31,024,400	31,192,400	31,392,000	31,599,200	31,865,000	32,105,800	32,289,700	32,536,800	32,768,400	32,997,500	33,227,600	
157	Period Use in units = 1 x GALL	151,800	196,600	168,000	199,600	207,200	265,800	240,800	183,900	247,100	231,600	229,100	230,100	2,551,600
158	2" PLANT WATER Start Reading in 10 x scft	14,078,600	14,410,300	14,760,300	15,087,600	15,403,200	15,707,000	16,025,600	16,338,200	16,620,100	16,939,800	17,258,600	17,587,900	
159	UTILITY METER Start Reading in 10 x scft	14,410,300	14,760,300	15,087,600	15,403,200	15,707,000	16,025,600	16,338,200	16,620,100	16,939,800	17,258,600	17,587,900	17,923,900	
160	Period Use in units = 1 x SCFT	331,700	350,000	327,300	315,600	303,800	318,600	312,600	321,900	319,700	318,800	329,300	336,000	3,845,300
161	6" PLANT WATER Start Reading	71,241,500	73,028,000	74,806,000	76,253,000	77,145,000	77,728,000	78,321,000	78,903,000	79,404,500	79,988,000	80,726,500	81,673,000	
162	UTILITY METER End Reading	73,028,000	74,806,000	76,253,000	77,145,000	77,728,000	78,321,000	78,903,000	79,404,500	79,988,000	80,726,500	81,673,000	83,169,500	
163	Period Use in units = 1 x SCFT	1,786,500	1,778,000	1,447,000	892,000	583,000	593,000	582,000	501,500	583,500	738,500	946,500	1,496,500	11,928,000
164	2" DOMESTIC WATER Start Reading	1,027,000.0	1,035,000.0	1,048,000.0	1,059,000.0	1,072,000.0	1,079,000.0	1,088,000.0	1,100,000.0	1,111,000.0	1,123,000.0	1,133,000.0	1,144,000.0	
165	UTILITY METER End Reading	1,035,000.0	1,048,000.0	1,059,000.0	1,072,000.0	1,079,000.0	1,088,000.0	1,100,000.0	1,111,000.0	1,123,000.0	1,133,000.0	1,144,000.0	1,154,000.0	
166	Period Use in units = 1 x SCFT	8,000	13,000	11,000	13,000	7,000	9,000	12,000	11,000	12,000	10,000	11,000	10,000	127,000

PERFORMANCE CALCULATIONS

Month		7	8	9	10	11	12	13	14	15	16	17	18	TOTAL
ELECTRIC-to-STEAM CONVERSION														
Emainutility kWh		6,412,000	6,048,000	5,180,000	3,584,000	2,464,000	2,268,000	2,072,000	2,100,000	2,632,000	2,884,000	3,836,000	5,796,000	45,276,000
Echw,metered kWh		6,195,264	5,905,163	5,025,040	3,381,557	2,198,419	2,028,544	1,823,462	1,909,258	2,406,710	2,720,436	3,625,328	5,622,990	42,842,171
Esteam,metered kWh		46,069	47,623	46,929	66,144	95,860	108,970	115,735	86,914	77,098	61,108	49,030	46,749	848,230
Esteam,unmetered kWh		1,226	750	979	2,515	6,603	6,269	7,418	4,297	4,341	2,171	2,066	1,018	39,653
CAPACITY TEST ADJUSTMENT, kWh		0	0	0	0	0	0	0	0	0	0	0	0	0
Esteam,total kWh		47,295	48,373	47,908	68,659	102,463	115,239	123,153	91,211	81,439	63,279	51,096	47,767	887,883
Customer Steam, Sn+e lbs		8,393,494	9,077,482	10,202,403	19,614,865	34,450,359	45,944,721	50,124,284	36,194,950	29,098,668	19,983,069	12,050,792	7,388,659	282,523,746
nelec, actual kWh/kib		5.635	5.329	4.696	3.500	2.974	2.508	2.457	2.520	2.799	0.000	0.000	0.000	3.143
FUEL GAS-to-STEAM CONVERSION														
Metered Plant Steam Send-out lbs		13,600,000	14,285,000	15,118,000	24,339,000	38,146,000	49,722,000	54,102,000	38,681,000	34,816,000	24,903,000	17,870,000	13,402,000	338,984,000
CAPACITY TEST ADJUSTMENT, lbs		0	0	0	0	0	0	0	0	0	0	0	0	0
ADJUSTED Plant Steam SO lbs		13,600,000	14,285,000	15,118,000	24,339,000	38,146,000	49,722,000	54,102,000	38,681,000	34,816,000	24,903,000	17,870,000	13,402,000	338,984,000
Natural Gas use, NG Dth		18,796.6	20,460.5	21,375.2	34,609.9	53,975.3	70,528.1	76,673.5	55,918.0	47,371.3	34,933.0	24,821.8	17,908.6	477,371.8
Propane Gas use, P scft		0	0.030	0	3,150	6,400	3,000	6,500	81,790	0	26,000	0	0	129,870
Dth		0	7.64	0	7.95	16.15	7.58	16.42	206.68	0	65.75	0	0	328.17
CAPACITY TEST ADJUSTMENT, Dth		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL FUEL GAS USE Dth		18,796.6	20,468.1	21,375.2	34,617.9	53,991.5	70,535.7	76,689.9	56,124.7	47,371.3	34,998.8	24,821.8	17,908.6	477,700.0
nhhv,actual Dth/kib		1.382	1.433	1.414	1.422	1.415	1.419	1.418	1.451	1.361	1.405	1.389	1.336	1.4090
Condensate Return, CR gallon		874,800	234,300	537,400	2,037,000	3,155,300	3,838,500	3,964,700	3,383,700	2,954,656	1,639,100	1,134,700	1,130,300	24,884,456
% of SO		52.46%	13.38%	28.99%	68.26%	67.46%	62.96%	59.77%	71.34%	69.21%	53.68%	51.79%	68.78%	59.87%
Condensate Return Energy mmBtu		1,000	215	547	2,114	3,289	4,082	4,249	3,491	3,034	1,744	1,187	1,314	26,266
Condensate Return Temperature avg		172 °F	145 °F	157 °F	159 °F	160 °F	162 °F	163 °F	158 °F	158 °F	162 °F	160 °F	175 °F	161 °F
nhhv,guarantee Dth/kib														1.726
														1.623
WATER-to-STEAM CONVERSION														
Metered Steam Makeup, MW Gallons		755,910	1,595,390	1,381,980	1,085,510	1,763,340	2,553,840	3,076,890	1,676,320	1,297,130	1,497,620	1,056,150	428,530	18,168,610

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198	CAPACITY TEST ADJUSTMENT, Gallons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
199	ADJUSTED Steam Makeup, MW	Gallons	755,910	1,595,390	1,381,980	1,085,510	1,763,340	2,553,840	3,076,890	1,676,320	1,297,130	1,497,620	1,056,150	428,530			18,168,610
200	Actual Steam Makeup, nwater	Gallons	763,469	1,611,344	1,395,800	1,096,365	1,780,973	2,579,378	3,107,659	1,693,083	1,310,101	1,512,596	1,066,712	432,815			18,350,296
201	Guarantee Steam Makeup, nguar.	Gallons	911,622	1,744,784	1,513,675	1,089,324	1,750,109	2,596,680	3,069,144	1,562,885	1,511,309	1,626,435	1,214,820	589,878			19,180,665
202	ELECTRICITY-to-CHW CONVERSION																
203	Emainutility	kWh	6,412,000	6,048,000	5,180,000	3,584,000	2,464,000	2,268,000	2,072,000	2,100,000	2,632,000	2,884,000	3,836,000	5,796,000			45,276,000
204	CAPACITY TEST ADJUSTMENT, kWh		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205	Echw, metered	kWh	6,195,264	5,905,163	5,025,040	3,381,557	2,198,419	2,028,544	1,823,462	1,909,258	2,406,710	2,720,436	3,625,328	5,622,990			42,842,171
206	Esteam, total	kWh	47,295	48,373	47,908	68,659	102,463	115,239	123,153	91,211	81,439	63,279	51,096	47,767			887,883
207	Echw, unmetered	kWh	169,440	94,464	107,052	133,783	163,117	124,217	125,385	99,531	143,851	100,285	159,576	125,243			1,545,945
208	Echw, total	kWh	6,364,705	5,999,627	5,132,092	3,515,341	2,361,537	2,152,761	1,948,847	2,008,789	2,550,561	2,820,721	3,784,904	5,748,233			44,388,117
209	Customer CHW, CHWs+e	Ton-hrs	7,279,233	6,847,163	6,078,567	4,218,173	2,807,897	2,705,903	2,394,583	2,603,504	3,277,384	3,489,078	4,529,619	6,745,231			52,976,335
210	nelec, actual	kWh/ton-hr	0.874	0.876	0.844	0.833	0.841	0.796	0.814	0.772	0.778	0.808	0.836	0.852			0.838
211	CHW-to-CHW CONVERSION																
212	Condenser Water Makeup, CM	Gallons	19,441,000	13,968,000	11,616,000	7,572,000	4,520,000	3,827,000	3,279,000	3,899,000	5,133,000	6,076,000	8,118,000	12,963,000			100,412,000
213	Customer CHW, CHWs+e	Ton-hrs	7,279,233	6,847,163	6,078,567	4,218,173	2,807,897	2,705,903	2,394,583	2,603,504	3,277,384	3,489,078	4,529,619	6,745,231			52,976,335
214	nwater, actual	Gallons/ton-hr	2.6707	2.0400	1.9110	1.7951	1.6097	1.4143	1.3693	1.4976	1.5662	1.7414	1.7922	1.9218			1.8954

METER CHECKS AND ESTIMATES

218	WATER METER CHECKS																
219	Utility Meters - Utility Dates	gallons	15,790,280	14,999,644	14,344,396	9,070,248	5,972,032	7,512,912	6,538,268	5,891,248	6,927,228	7,785,184	8,922,144	14,239,676			117,993,260
220	Utility Meters - Customer Dates	gallons	15,844,136	15,917,440	13,271,764	9,032,848	6,633,264	6,818,768	6,691,608	5,859,832	6,755,936	7,908,604	9,542,984	13,707,100			117,984,284
221	variance (line 184-line 183)	gallons	53,856	917,796	-1,072,632	-37,400	661,232	-694,144	153,340	-31,416	-171,292	123,420	620,840	-532,576			-8,976
222	% of TOTAL (line 183)		0%	6%	-7%	0%	11%	-9%	2%	-1%	-2%	2%	7%	-4%			-0.01%
223	Plant Meters																
224	CHW	gallons	151,800	196,600	168,000	199,600	207,200	265,800	240,800	183,900	247,100	231,600	229,100	230,100			2,551,600
225	CW	gallons	19,441,000	13,968,000	11,616,000	7,572,000	4,520,000	3,827,000	3,279,000	3,899,000	5,133,000	6,076,000	8,118,000	12,963,000			100,412,000
226	STEAM	gallons	755,910	1,595,390	1,381,980	1,085,510	1,763,340	2,553,840	3,076,890	1,676,320	1,297,130	1,497,620	1,056,150	428,530			18,168,610
227	TOTAL	gallons	20,348,710	15,759,990	13,165,980	8,857,110	6,490,540	6,646,640	6,596,690	5,759,220	6,677,230	7,805,220	9,403,250	13,621,630			121,132,210
228	variance (line 191-line 184)	gallons	4,504,574	-157,450	-105,784	-175,738	-142,724	-172,128	-94,918	-100,612	-78,706	-103,384	-139,734	-85,470			3,147,926
229	% of TOTAL (line 184)		28%	-1%	-1%	-2%	-2%	-3%	-1%	-2%	-1%	-1%	-1%	-1%			2.67%

CW MUW CHECK

231	CHW Send-out	ton-hrs	8,214,600	7,690,800	6,660,700	4,660,700	3,094,000	2,722,400	2,442,400	2,763,000	3,468,200	3,755,800	4,801,200	7,758,600			58,032,400
233	CW MUW Rate	gall/ton-hr	2.367	1.816	1.744	1.625	1.461	1.406	1.343	1.411	1.480	1.618	1.691	1.671			1.730

FINAL MAKEUP WATER RESULTS

235	CHW	gallons	151,800	196,600	168,000	199,600	207,200	265,800	240,800	183,900	247,100	231,600	229,100	230,100			2,551,600
237	CW	gallons	19,441,000	13,968,000	11,616,000	7,572,000	4,520,000	3,827,000	3,279,000	3,899,000	5,133,000	6,076,000	8,118,000	12,963,000			100,412,000
238	STEAM	gallons	755,910	1,595,390	1,381,980	1,085,510	1,763,340	2,553,840	3,076,890	1,676,320	1,297,130	1,497,620	1,056,150	428,530			18,168,610
239	TOTAL	gallons	20,348,710	15,759,990	13,165,980	8,857,110	6,490,540	6,646,640	6,596,690	5,759,220	6,677,230	7,805,220	9,403,250	13,621,630			121,132,210
240	variance	gallons	4,504,574	-157,450	-105,784	-175,738	-142,724	-172,128	-94,918	-100,612	-78,706	-103,384	-139,734	-85,470			3,147,926
241	% of TOTAL (line 184)		28%	-1%	-1%	-2%	-2%	-3%	-1%	0%	0%	-1%	-2%	-1%			3%

STEAM PLANT MASS BALANCE CK

244	STEAM SENDOUT	klbs	13,600	14,285	15,118	24,339	38,146	49,722	54,102	38,681	34,816	24,903	17,870	13,402			338,984
245	STEAM PRODUCTION	klbs	18,817	20,452	21,292	34,352	53,691	70,408	76,825	55,835	47,685	35,204	24,865	17,988			477,414
246			-5,217	-6,167	-6,174	-10,013	-15,545	-20,686	-22,723	-17,154	-12,869	-10,301	-6,995	-4,586			
247	CALC'D LOSSES																
248	BLOWDOWN	4%	753	818	852	1,374	2,148	2,816	3,073	2,233	1,907	1,408	995	720			19,097
249	DEA VENT	0.50%	94	102	106	172	268	352	384	279	238	176	124	90			2,387
250	TOTAL CALC'D LOSSES	klbs	847	920	958	1,546	2,416	3,168	3,457	2,513	2,146	1,584	1,119	809			21,484
251	CONDENSATE RETURN																
252		gallons	874,800	234,300	537,400	2,037,000	3,155,300	3,838,500	3,964,700	3,383,700	2,954,656	1,639,100	1,134,700	1,130,300			24,884,456
253	8.15585	klbs	7,135	1,911	4,383	16,613	25,734	31,306	32,335	27,597	24,098	13,368	9,254	9,219			202,954
254	STEAM MUW	8.3453	6,308	13,314	11,533	9,059	14,716	21,313	25,678	13,989	10,825	12,498	8,814	3,576			151,623
255	TOTAL LEAVING PLANT																
256		klbs	14,447	15,205	16,076	25,885	40,562	52,890	57,559	41,194	36,962	26,487	18,989	14,211			360,468
257	TOTAL ENTERING PLANT	klbs	13,443	15,225	15,916	25,672	40,450	52,619	58,013	41,586	34,923	25,866	18,068	12,795			354,576
258	OVERAGE / SHORTFALL	klbs	-1,004	20	-160	-212	-112	-272	454	393	-2,039	-621	-921	-1,417			-5,891



Metro Nashville District Energy System *90 Peabody Street* *Nashville, TN 37210*

Exhibit 1



NASHVILLE DISTRICT ENERGY, LLC

NASHVILLE, TENNESSEE

EXHIBIT 2 - CALCULATION DETAIL FOR PLANT PERFORMANCE PER APPENDIX 19

ELECTRICITY-TO-STEAM CONVERSION

(1)	E (MainUtility) = total electric use per main utility meters		45,276,000 kWh
(2)	E (Steam,metered) = metered electric use for steam plant		848,230 kWh
	MCC-3	338,503	
	MCC-4	509,728	
(3)	E (CHW,metered) = metered electric use for chilled water plant		42,842,171 kWh
	SWGR-2A	4,921,100	
	SWGR-2B	9,726,300	
	SWGR-3A	10,076,200	
	SWGR-3B	8,377,500	
	SWGR-4A	1,491,392	
	SWGR-4B	2,260,719	
	SWGR-5A	1,715,674	
	SWGR-5B	1,304,079	
	MCC-1	1,423,357	
	MCC-2	1,545,851	
(4)	Esteam,unmetered = un-metered electric use for steam plant = [(2) / (1)] x [(1) - (2) - (3)]		29,706 kWh *
(5)	Echw,unmetered = un-metered electric use for chilled water plant = (1) - (2) - (3) - (4)		1,555,892 kWh *
(6)	Esteam,total = total electric use for steam plant = (2) + (4)		877,936 kWh *
(7)	Customer Steam Sales, metered + unmetered		282,523,746 lbs

$$n \text{ (elec): Actual Steam Plant Electric Conversion} = (6) / [(7) \times 0.001] = 3.107 \text{ kWh/klb}$$

NATURAL GAS-TO-STEAM CONVERSION

(8)	NG = Total Natural Gas Use per main utility meters		477,371.8 Dth
(9)	P = Total Propane Gas per plant meter		103,870 scft
	Meter Reading at the beginning, n-1	12,095	
	Meter Reading at the end, n	12,199	
	Units of Measure	1,000 x SCFT	
(10)	HHV = Higher Heating Value of Propane		0.002520 Btu/scft
(11)	SO = Plant Steam Send Out		282,809,000 lbs
	Meter Reading at the beginning, n-1	1,680,215	
	Meter Reading at the end, n	1,963,024	
	Units of Measure	1 x SCFT	

$$n \text{ (HHV): Actual Plant Efficiency} = [(8) + (9) \times (10)] / [(11) \times 0.001] = 1.689 \text{ Dth/klb}$$

(12)	CR = Condensate Return per plant meter		24,884,456 gallons **
	Meter Reading at the beginning, n-1	26,466,100	
	Meter Reading at the end, n	46,593,100	
	Units of Measure	1 x SCFT	
(13)	H = Condensate Return energy		21,145 mmBtu
	Meter Reading at the beginning, n-1	40,277	
	Meter Reading at the end, n	61,422	
	Units of Measure	1 x MMBTU	

$$T \text{ (cr,avg): Average Condensate Return Temperature} = 136 \text{ }^\circ\text{F}$$



NASHVILLE DISTRICT ENERGY, LLC

NASHVILLE, TENNESSEE

EXHIBIT 2 - CALCULATION DETAIL FOR PLANT PERFORMANCE PER APPENDIX 19

WATER-TO-STEAM CONVERSION

(14)	MW = Steam system makeup water plant meter		18,168,610 gallons
	<i>Meter Reading at the beginning, n-1</i>	22,826,880	
	<i>Meter Reading at the end, n</i>	40,995,490	
	<i>Units of Measure</i>	1 x SCFT	

n (water): Actual steam plant water use = (14) * 1.01 =	18,350,296 gallons
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G (water): Guaranteed steam plant water use = [(11) / 8.15585 - (12) =	11,259,817 gallons
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ELECTRICITY-TO-CHILLED WATER CONVERSION

(15)	E (chw,total) = Total CHW Electric use = (3) + (5) =	44,398,064 kWh *
(16)	Customer CHW Sales, metered + unmetered	52,976,335 kWh

n (elec): Actual chilled water plant electric conversion = (15) / (16) =	0.838 kw/ton
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CONDENSER WATER-TO-CHILLED WATER CONVERSION

(17)	CM = Condenser water makeup plant meter		68,214,000 gallons **
	<i>Meter Reading at the beginning, n-1</i>	459,280,000	
	<i>Meter Reading at the end, n</i>	527,494,000	
	<i>Units of Measure</i>	1 x GALL	

n (water): Actual chilled water plant conversion = (17) / (16) =	1.288 gal/ton-hr
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NOTES: * - There is a 9,947 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".