## EXECUTIVE SUMMARY DIRECT TESTIMONY OF CHARLES R. GRAY DOCKET NO. EO-2002-384



Section I: Introduction

This section provides the qualifications of the witness.

Service Commission

Section II: Proof of Revenue and Billing Determinants

This section provides the purpose of the testimony, a listing of the sponsored schedules, the purpose of each schedule, a description of the sources of the test year billing determinants, the conclusions reached after billing determinants were compiled and a presentation of billing determinants at proposed rate design structures. The appropriate billed revenues are accurately reflected in the test year billing determinants on the schedules provided.

Section III: Rate Design Philosophy

This section describes the process to determine the proposed rate values and changes in rate design proposed by Aquila, a summation of how the information and feedback Aquila received from the technical conferences was incorporated into the rate design process, a listing of rate schedules maintaining their current rate structure and description of the across the board percentage change proposal of those rate schedules. This section also describes Aquila's rate design philosophy which is the creation of fair, competitive, consistent, and flexible rates that satisfy customers' needs while recovering and reflecting costs and shows how its application leads to Aquila's proposal. Aquila recommends a simplification of rate structures, elimination of the Time Of Use tariffs for small customers, elimination of the base/seasonal billing concept for all but the largest MPS customers, a regrouping of customers of similar load and service levels on the same rate schedule and simplifying a number of others either by consolidating multiple existing tariffs, or changing the basic structure to make them easier for customers to understand, thereby facilitating their ability to respond to the price signals.

Section IV: L&P Rate Design

This section describes the changes to L&P rate schedules, discusses the proposed rate design changes, discusses potential Large General Service rate switching, discusses the proposal to eliminate Time of Use Service, School and Church Service and Limited Demand Electric Space Heating General Service rate schedules and the addition of a Short Term Service tariff.

Section V: MPS Rate Design

This section describes the addition of a Residential Service-Other Use for MPS similar to the current L&P Residential-Other Use tariff, describes the proposed simplification of the rate structure for Small General Service tariff, describes the reason behind the consolidation proposal of School and Church rate and Municipal Water Pumping and Lighting rate into a standard Small General Service rate, describes changes to the Large General Service tariff, discusses the reasons behind the proposed elimination of the base/seasonal billing concept for all but the largest customers, and describes the proposed elimination of Time of Use tariffs and consolidation of the Special Contract tariff into a standard Large Power Service tariff.

Exhibit No.:

Issues: Proof of Revenue,

Billing Determinants,

Rate Design

Witness:

Charles R. Gray

Sponsoring Party:

Aquila Networks - L&P

Aquila Networks - MPS

Case No.:

EO-2002-384

Before the Public Service Commission Of the State of Missouri

Direct Testimony

Of

Charles R. Gray

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# BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI DIRECT TESTIMONY OF CHARLES R. GRAY ON BEHALF OF AQUILA INC. DOCKET NO. EO-2002-384

1	Q.	Please state your name and business address.
2	A.	My name is Charles R. Gray and my business address is 10700 East 350
3		Highway, Kansas City Missouri.
4	Q.	By whom are you employed and in what capacity?
5	A.	I am employed by Aquila, Inc. ("Aquila" or "Company") in the Regulatory
6		Services group as a Senior Regulatory Analyst.
7	Q.	Please briefly describe your duties and responsibilities as a Senior Regulatory
8		Analyst for Aquila.
9	A.	I am responsible for gathering, researching and analyzing accounting,
10		financial, statistical, customer billing data and other information. I also
11		prepare analyses, work papers and other supporting documents for various
12		filings with regulatory agencies and reports, both internal and external. I also
13		participate in the preparation of the cost of service study and relate cost of
14		service results to the development of product prices, rates and tariffs.
15	Q.	Please state your educational background and professional experience.
16	A.	I attended Central Missouri State University in Warrensburg Missouri, from
17		which I received a Bachelor of Science-Education Degree. I also attended
18		Longview Community College in Kansas City Missouri, from which I
19		received an Associates of Arts-Accounting Degree. In 1986 I began working

1 for Missouri Public Service, a division of Aquila, and held positions within 2 the Accounting department. My responsibilities included direct responsibility 3 for the monthly billing of Missouri Public Service's Large Volume billing 4 accounts, as well as preparation of financial and regulatory reports, monthly 5 Accounting journal entries and budgeting. In 1995 I joined Aquila's 6 Regulatory Department as a Rates Analyst. I was promoted to Senior Rates 7 Analyst in 2000, the position I currently hold. 8 9 PROOF OF REVENUE AND BILLING DETERMINANTS 10 Q. What is the purpose of your testimony in this proceeding before the Missouri 11 Public Service Commission ("Commission")? 12 A. The purpose of my testimony is to provide a proof of test year revenue on the 13 rate schedules in effect on December 31, 2002, the end of the test year in this 14 case, for Aquila Networks-Missouri Public Service ("MPS") and Aquila 15 Networks- Light and Power ("L&P"). I also will be providing the test year 16 billing determinants priced out on the proposed rates on the proposed rate 17 structures. I also will be introducing the new rate design concepts Aquila is 18 proposing in this proceeding. In addition, I will price out the test year billing 19 determinants on the proposed rate structure. 20 Q. Are you sponsoring any schedules? 21 A. Yes. I am sponsoring the MPS Billing Determinant Schedule CRG-1, L&P 22 Billing Determinant Schedule CRG-2, MPS Billing Determinant on Proposed

1		Structure Schedule CRG-3 and L&P Billing Determinant on Proposed
2		Structure Schedule CRG-4
3	Q.	Please explain the purpose of Billing Determinant Schedule CRG-1.
4	A.	The purpose of Schedule CRG-1 is to price out the MPS billing determinants
5		on existing rates for the test year ended December 2002 by rate ID. This
6		process is necessary for the proof of test year revenue on the existing rates.
7		The electric rate schedule revenue MPS receives is normally classified as
8		customer service charge, demand charge or energy charge. In addition to these
9		normal billing charges, electric revenues may also be generated by the
0		facilities kW charge, reactive demand adjustment, primary discount rider,
11		economic development rider, rate schedule minimum monthly charges, and
12		maintenance and facilities charges.
13	Q.	Are there any billing charges excluded from Schedule CRG-1?
14	A.	Yes. The revenue shown on Schedule CRG-1 does not include sales taxes,
15		franchise taxes or non-utility charges.
16	Q.	Please explain how you derived the billing determinants shown on CRG-1?
17	A.	I compiled the billing determinants by rate ID from a combination of
18		Customer Information System (CIS+) monthly billing system reports, monthly
19		amounts booked to the Aquila PeopleSoft accounting system and from a
20		download of individual customer billing records from CIS+ in a database
21		format. From these sources I crosschecked the billing information for
22		accuracy and reliability and grouped the appropriate rate ID's to the specific
23		rate schedule.

1	Q.	Does the CIS+ Billing system assign only one rate ID number for each tariff
2		rate schedule?
3	A.	No it does not. There can be multiple rate ID's within the CIS+ billing system
4		for a specific rate schedule. The rate ID's are used internally by the billing
5		system to designate the proper rate component values to apply to the billed
6		usage during the bill calculation process. As an example, L&P has a
7		Residential Service - General Use tariff schedule, but the tariff schedule has
8		two rate ID's associated with it. The Residential Service - General Use rate
9		sheet No. 18 uses rate ID MO910 for the regular residential service accounts
10		and MO911 for the Multiple Occupancy Residential accounts. In total, the
11		CIS+ billing system currently uses 27 rate ID's for metered electrical service
12		and another 38 rate ID's for the unmetered street lighting, security lighting and
13		private are lighting options available to MPS customers. The CIS+ billing
14		system currently uses 22 rate ID's for metered electrical service and another
15		39 rate ID's for the unmetered street lighting, security lighting and private are
16		lighting options available to L&P customers.
17	Q.	Please discuss the format used on Schedule CRG-1.
18	Α.	The schedule lists separately each rate schedule by name and schedule
19		number. The summer billing period charges are used on bills inclusive of
20		June 1st to September 30th. The winter billing period charges are used on bills
21		inclusive of October 1st to May 31st. Charges may differ between the
22		summer/winter split or may remain constant during all months of the year.
23		The test year billing determinants are shown by season along with the

1		approved charge per unit and the total test year dollars billed by rate
2		component. The various components are summed and shown in total at the
3		end of each section. When the charge is stepped, the billing determinants are
4		shown for each step. For the unmetered street and area lighting schedules, the
5		schedule lists the unmetered usage billed and the revenue generated by
6		lighting schedule.
7	Q.	Did your analysis of the test year billing determinants allow you to reach any
8		conclusions concerning billed revenue?
9	A.	My analysis allows me to conclude that billed revenues are accurately
10		reflected in the test year billing determinants provided in Schedules CRG-1
11		and CRG-2.
12	Q.	Please explain the purpose of the Schedule CRG-2.
	Q.	rease explain the purpose of the beneatile CRO-2.
13	Q. A.	The purpose of Schedule CRG-2 is to price out the L&P billing determinants
	7	
13	7	The purpose of Schedule CRG-2 is to price out the L&P billing determinants
13 14	7	The purpose of Schedule CRG-2 is to price out the L&P billing determinants on existing rates for the test year ended December 2002 by rate ID. The
13 14 15	7	The purpose of Schedule CRG-2 is to price out the L&P billing determinants on existing rates for the test year ended December 2002 by rate ID. The process to create the test year billing determinants for L&P was identical to
13 14 15 16	Α.	The purpose of Schedule CRG-2 is to price out the L&P billing determinants on existing rates for the test year ended December 2002 by rate ID. The process to create the test year billing determinants for L&P was identical to the process used for Schedule CRG-1
13 14 15 16 17	A. Q.	The purpose of Schedule CRG-2 is to price out the L&P billing determinants on existing rates for the test year ended December 2002 by rate ID. The process to create the test year billing determinants for L&P was identical to the process used for Schedule CRG-1  Please explain the purpose of the Schedule CRG-3.
13 14 15 16 17	A. Q.	The purpose of Schedule CRG-2 is to price out the L&P billing determinants on existing rates for the test year ended December 2002 by rate ID. The process to create the test year billing determinants for L&P was identical to the process used for Schedule CRG-1  Please explain the purpose of the Schedule CRG-3.  The purpose of Schedule CRG-3 is to price out the test year MPS billing
13 14 15 16 17 18	A. Q.	The purpose of Schedule CRG-2 is to price out the L&P billing determinants on existing rates for the test year ended December 2002 by rate ID. The process to create the test year billing determinants for L&P was identical to the process used for Schedule CRG-1  Please explain the purpose of the Schedule CRG-3.  The purpose of Schedule CRG-3 is to price out the test year MPS billing determinants on the proposed rate values and on the proposed rate design.

Please explain the purpose of the Schedule CRG-4.

23 Q.

A. The purpose of Schedule CRG-4 is to price out the test year L&P billing

determinants on the proposed rate values and on the proposed rate design.

Schedule CRG-4 will prove that the proposed rate values and rate design will

allow Aquila to recover the proper revenue from each cost of service customer

class while maintaining overall revenue neutrality.

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#### RATE DESIGN

8 Q. How are the proposed rate values and rate design decided upon?

We begin with a determination of the modifications in current rate structures that are warranted and desired by the Company and/or its customers. When this information is gathered, we incorporate changes into a fixed set of billing determinants, in this proceeding, the billing determinants for the test year ended December 31, 2002. We then adjust the current rate structures for each rate ID into proposed rate structures for the customer classes. The cost of service study presented by Aquila Witness David Stowe identifies the revenue shifts between all cost of service customer classes. Within the cost of service study results are the customer related, demand related and energy related costs to be recovered from each customer class. We determined a proper rate value for each of the billing components for each rate ID from the cost of service study findings. Within the process of rate design, while maintaining revenue neutrality, Aquila desires to ensure consistency in the electric rates across various jurisdictions and compliance with a broad, Aquila rate design philosophy.

- 1 Q. Generally speaking, what is Aquila's rate design philosophy?
- 2 Α. Aguila's primary rate design principle is the creation of fair, competitive,
- 3 consistent, and flexible rates that satisfy customers' needs while recovering
- 4 and reflecting costs. However, the process of rate design is complex and
- 5 iterative, and involves various overlapping and sometimes conflicting factors.
- 6 Q. What are those factors?

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A. They include, but are not limited to, the following: 1) collection of Aquila's total revenue requirement, the required change in revenue and the allocation of that change to each customer class, 2) recognition of the cost of service as 10 reflected by a cost of service study, as well as the cost of both existing and future facilities to provide service, 3) the need to encourage optimum use of 12 supply facilities by promoting desirable and discouraging undesirable load 13 characteristics, 4) recognition of the value of service considering the nature 14 and level of competition and the degree of price sensitivity in each rate class, 15 5) avoidance of undue discrimination between customer classes and individual 16 customers within each class, 6) the history of rates, including trends in the 17 level of charges and stability of the rates, 7) rate structure and terms and 18 conditions of service which provide for simplicity of understanding, 19 acceptance by customers, ease of administration, and economy of billing, 8) 20 consideration of the rates and practices of other utilities having similar types 21 of load and service conditions, and 9) redesign of rates and services to reflect 22 industry movement.

Q. Please describe the process used to develop the proposed rate schedules in this
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A.

The Company's Regulatory Services Department representatives met with various employee groups within Aquila. In addition to the internal meetings with Aquila employees, multiple meetings and technical conferences were held with members of The Public Service Commission ("Staff"), members of the Office of The Public Counsel ("OPC") and representatives of the Sedalia Industrial Energy Users' Association ("SIEUA") and the Federal Executive Agencies ("FEA"). From the discussions in those meetings, Regulatory Services developed the proposed rate structures with the mission to satisfy customer feedback to simplify the rates, to provide Aquila with an ease of tariff administration, to consolidate rate schedules where appropriate, to eliminate certain rate schedules, to regroup customers of similar load and service level onto the same rate schedule, to eliminate the base/seasonal rate design concept for MPS small general service and MPS large general service customers, and finally to design rates that more adequately assign and allocate the total costs of providing service to the various customer classes.

18 Q. Why has Aquila proposed these new rate design changes?

A. Aquila would like to simplify the rates wherever possible, as long as it does not produce undue hardship and burden on customers. Many of the factors that were used to determine the current rate design are no longer valid and/or quantifiable.

23 Q. Is Aquila proposing to change every MPS rate ID rate structure?

1	A.	No. Aquila has not proposed any rate structure changes for the following
2		MPS rate IDs:
3		Residential General Use rate MO860
4		Residential Electric Space Heating rate MO870
5		Thermal Energy Storage Pilot Program rate MO650
6		Real Time Pricing Program rate MO721, MO731, MO737
7		Large Power Service rate MO730 MO735
8		Lighting - Municipal Street Lighting Service
9		Lighting – Private Area Lighting Service
10		Lighting - Non-Standard Street and Area Light Facilities
11		Cogeneration Purchase Schedule rate MO700
12		Net Metering Rider rate MO865
13	Q.	Is Aquila proposing to change every L&P rate ID rate structure?
14	A.	No. Aquila has not proposed any rate structure changes for the following L&F
15		rate IDs:
16		Residential Other Use rate MO915
17		Residential Space Heating/Water Heating – Separate Meter rate MO922
18		Fixed Bill Pilot Program rate MO916
19		Large Power Service rate MO944
20		Lighting - Municipal Street Lighting Service
21		Lighting - Street Lighting and Traffic Signals Service MO972
22		Lighting – Private Area Lighting Service
23		Lighting – Outdoor Night Lighting MO971

Ţ		Cogeneration Purchase Schedule rate MO/00
2		Net Metering Rider rate MO965
3	Q.	Does Aquila propose to change any rate values for the rate IDs listed above?
4	A.	Aquila proposes an across the board percentage change to each rate
5		component for the rate IDs that are not structurally changing. The percentage
6		change is calculated from the cost of service study. The proposed rate
7		component values are each test year rate component value times the
8		percentage increase/decrease determined by the cost of service study. For
9		example, if the cost of service study determined that the MPS lighting
10		customer class warrants a 10% increase in revenue, each type of private area
11		lighting will receive a 10% increase in each rate component charge.
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13		L&P Rate Design
14	Q.	Please discuss the changes proposed to the L&P residential rates.
15	A.	Currently, L&P offers the following residential rate schedules.
16		Residential Service - General Use
17		Residential Service – With Space Heating
18		Residential Service – With Electric Water Heating
19		Residential Service - Other Use
20		Residential Space Heating/Water Heating - Separate Meter
21		We are proposing merging the Residential Service - General Use and the
22		Residential Service - With Electric Water Heating. The reason behind this
23		consolidation deals with the difficulty of verifying a customer having a

I		permanently installed electric water heater. Most all of the water heaters are
2		located inside a home either in the basement, garage or utility room. The
3		location of the water heater makes it extremely difficult and time consuming
4		to validate that a customer does in fact have an electric water heater. The
5		proposed Residential Service - General Use would be a stepped rate with
6		seasonal winter/summer energy charges. The winter period declining block
7		energy charge proposed will allow L&P to encourage a customer to install an
8		electric water heater while eliminating the need for home access by Company
9		personnel to validate the presence of the electric water heater. This
10		consolidation is proposed to help ease tariff administration and consistency in
11		electric rates across the various Aquila jurisdictions. Both the proposed
12		Residential Service - General Use and the Residential Service - With Electric
13		Space Heat tariff will have an inverted stepped energy rate in the summer
14		period. I believe this rate design is appropriate to send the proper price signal
15		to customers during period of higher energy production costs. It also allows
16		Aquila to encourage optimum use of supply facilities by promoting desirable
17		and discouraging undesirable load characteristics as previously listed in
18		Aquila's rate design philosophy. We are proposing no rate structure change on
19		the Residential Service - Other Use tariff or the Residential Space
20		Heating/Water Heating – Separate Meter tariff.
21	Q.	What rate design is proposed for Small General Service - Limited Demand
22		tariffs?

1	A.	Aquila proposes a Small General Service – Limited Demand tariff for
2		customers whose actual demand is no greater than 30 kW or energy usage
3		greater than 5,400 kWh per month. The tariff would consist of a monthly
4		customer charge and a stepped energy charge. During winter billing months,
5		the energy charge is stepped at 1,000 kWh and priced with a declining energy
6		charge. During the summer billing months, the tariff would have 3 energy
7		blocks. The first block is for usage between 0 and 1,000 kWh. The second
8		block is for usage between 1,000 and 5,400 kWh. The last block is for usage is
9		excess of 5,400 kWh. This inverted rate design, where the unit charge for
10		energy increases as usage level increases, encourages optimum use of supply
11		facilities by promoting desirable and discouraging undesirable load
12		characteristics. Aquila also proposes to consolidate the General Service -
13		Limited Demand with Electric Space Heating tariff and the General Service –
14		Churches and Schools tariff into the Small General Service - Limited Demand
15		tariff. Currently all three tariffs are billed the identical charge for monthly
16		customer charge and seasonal energy charges. In keeping with our desire to
17		eliminate duplicate tariffs and ease tariff administration, this consolidation
18		will not affect the customers or the Company.
19	Q.	What rate design is proposed for Small General Service - Demand tariffs?
20	A.	Aquila proposes to consolidate The General Service – General Use tariff and
21		the General Service - With Electric Space Heating tariff. The tariff would
22		consist of a monthly customer charge, seasonal demand charge and a stepped
23		energy charge. The energy charge is stepped at the first 180 hours of use with

1		an excess block of any remaining kWh and priced with a lower energy charge.
2		This declining energy charge encourages the customer to control his kW
3		demand and increase his kWh usage (i.e. improve his load factor). The current
4		facilities charge has been eliminated and replaced with a monthly customer
5		charge and a monthly kW demand charge. This rate structure mirrors the MPS
6		Small General Service with Demand Meters tariff and accomplishes our desire
7		for common rate structures.
8	Q.	What rate design is proposed for Large General Service tariff?
9	A.	Aquila proposes a monthly customer charge, seasonally priced demand charge
10		and a stepped energy charge. The current facilities charge would be replaced
11		with a monthly customer charge. This rate structure mirrors the MPS Large
12		General Service tariff and accomplishes our desire for common rate structures.
13		The energy charge would incorporate a 3 step allocation of the kWh usage.
14		The first step would bill the first 180 hours of use. The second step would bill
15		the kWh from 180 hours through 360 hours of use. The third step would be for
16		any kWh usage in excess of 360 hours of use. The higher the load factor, more
17		kWh is billed at the cheaper energy rate. The 180 hours of use was chosen as
18		that level represents the normal business hours in an 8 to 5 PM workplace.
19		The second 180 hours of use typically reflects the addition of a second work
20		shift. The excess hours of use typically signifies a "graveyard" shift. We also
21		are proposing elimination of the Primary Discount Rider for Large General
22		Service customers and will offer a Large General Service- Primary Voltage
23		tariff for those current customers on Large General Service rate (MO940). The

1		reason behind this change is to make it simpler to identify the primary voltage
2		customers from the secondary voltage customers. Aquila uses different rate
3		IDs for its MPS secondary and primary customers and desires to do the same
4		for L&P customers. Both the Large General Service-Secondary Voltage and
5		Large General Service-Primary Voltage will have a 100 kW monthly
6		minimum billing demand and a 75% demand ratchet covering the previous 11
7		months.
8	Q.	Will adopting the 100 kW minimum demand cause "rate switchers"?
9	A.	Yes, many of the current Large General Service customers never register a
10		metered demand of 100 kW. Currently the L&P Large General Service tariff is
11		used by customers with a maximum demand of 20 kW to customers over
12		1,000 kW maximum demands. The range is too large and the customers too
13		dissimilar. Those smaller customers will be shifted to the Small General
14		Service - Demand tariff. This follows Aquila's rate design philosophy to
15		regroup customers of similar load and service levels onto the same rate
16		schedule. It also would allow Aquila to align the L&P Large General Service
17		tariff with the MPS Large General Service tariff. This follows Aquila's rate
18		design philosophy of consistency of rates throughout the state of Missouri.
19	Q.	How many Large General Service rate switchers are anticipated by Aquila?
20	A.	Aquila expects over 60% of the current Large General Service customers will
21		switch to the Small General Service - Demand tariff.
22	Q.	Why is Aquila proposing elimination of the optional Time of Use Adjustment
23		Rider?

1 A. No customer has taken service under this rider for at least 4 years. The Aquila 2 cost of generation in our region does not, in our opinion, justify a large enough 3 differential between On and Off Peak periods to compel customers to change 4 their usage behavior. Time of Use rates have more value to the customer, as 5 well as the Company, when there is a wider range of prices between peak use 6 periods and off peak periods. As evidenced by the lack of L&P customer 7 participation in Time of Use rates, we propose eliminating the tariff. We will 8 continue the Large Power Service (MO944) structure as those customers 9 through their representatives, SIEUA and FEA, have expressed the desire to 10 keep the current Large Power Service tariff structure. This is another example 11 of Aquila's primary principle for rate design as the creation of fair. 12 competitive, consistent, and flexible rates that satisfy customers' needs while 13 recovering and reflecting costs. 14 Q. Please describe the proposed Small General Service Short Term tariff? 15 A. The purpose of the Short Term Service tariff is to allow L&P to easily identify 16 customer services that are of a temporary nature. These services would include 17 festivals, fairs, carnivals, circuses, seasonal fruit stands and other services on a 18 non-permanent nature. In addition, Short Term Service shall be supplied to 19 builders, contractors, or developers constructing residential or commercial 20 sites prior to occupancy and/or permanent meter set. The tariff would consist 21 of a monthly customer charge and a seasonal energy charge similar to Small 22 General Service without Demand billing. 23 Q. Does this conclude your direct testimony of the L&P rate design?

1 A. Yes, that covers our rate design for L&P.

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#### MPS Rate Design

4 What rate design is Aquila proposing for residential customers of MPS? O. 5 The only new residential rate design proposed for MPS is the addition of a A. 6 Residential – Other Use tariff. This rate will mirror the L&P Residential – Other Use tariff in rate structure and availability. This rate will greatly reduce 7 8 the problem customers and Company employees have in determining what 9 rate an outbuilding at a residence should be billed. Customers have 10 complained that we are billing their separately metered detached garage on a 11 commercial rate, typically Small General Service rate ID MO710. The 12 customer believes that the metered service should be billed on a residential 13 rate like his house. If a customer is truly running a commercial business, a 14 wood shop or auto repair business for example, out of the detached building, then we will continue to place the service on the Small General Service rate. 15 16 By offering a Residential – Other Use tariff that specifically describes the 17 appropriate types of buildings covered under the tariff, less confusion will be 18 experienced by both the customer and the Company. This will foster rate 19 acceptance by customers and ease of tariff administration. 20 Q. What changes are proposed for the Small General Service Without Demand 21 Billing rate schedule? 22 We are proposing to greatly simplify the tariff offered to non-residential Α. 23 customers with low kWh usage and limited kW demands. The proposed rate

	structure will have a monthly customer charge and a stepped kwn energy
	charge. We propose to eliminate the base/seasonal billing concept to all Small
	General Service rate schedules. In addition to simplifying the rate structure,
	we also propose consolidating five frozen rate IDs into the Small General
	Service - Without Demand Billing rate schedule. In keeping with our desire to
	regroup customers of similar load and service level onto the same rate
	schedule, the School and Church Service tariff (MO740 and MO745), the
	Municipal Water Pumping and Special Street Lighting Service tariff (MO800)
	and the Municipal Park and Recreation Service tariff (MO810 and MO811)
	will be consolidated with the Small General Service non-demand billing tariff
	(MO710). These five rates have been frozen to new customers since June 29,
	1993. The largest School and Church accounts have migrated to other tariffs
	over the years that resulted in actual dollar savings for the customers. The
	remaining accounts still on these rates have very similar load and service
	levels as the typical MO710 customer. They are the very low usage services.
Q.	Why do away with the base/seasonal billing concept for Small General
	Service and Large General Service tariffs?
A.	While the Company still believes that the base/seasonal concept is an
	excellent method of sending appropriate price signals to the customer, the
	calculations and allocations of demand and energy are difficult for the less
	sophisticated energy users to understand. Within the Company, some of our
	customer service employees that do not work with the base/seasonal concept
	on a day to day basis also have trouble understanding what the billing concept

1		is trying to accomplish. Aquila will continue to offer the base/seasonal
2		concept for the large usage customers taking service on the Large Power
3		Service tariff. The SIEUA and FEA representative voiced their desire to
4		maintain the base/seasonal concept for those accounts on Large Power Service
5		(MO730 and MO735). Aquila has taken customer feedback and incorporated
6		those wants and needs into the proposed rate designs.
7	Q.	What changes are proposed for the Small General Service Demand billing rate
8		schedule?
9	A.	Aquila proposes the elimination of the base/seasonal billing concept for Small
10		General Service with Demand meters at Secondary Voltage (MO711) and
11		Primary Voltage (MO716). We also propose elimination of the billing demand
12		calculation that compares the actual metered maximum demand with the
13		imputed demand value determined by dividing the monthly energy usage by
14		180 hours during billing periods when the customer's maximum demand does
15		not exceed 100 kW. We propose to bill the demand charge based on each
16		customer's actual metered maximum monthly demand. The proposed rate
17		structure is identical as the previously discussed L&P Small General Service -
18		Demand tariff. The tariff would consist of a monthly customer charge, a
19		seasonally priced demand charge and a stepped energy charge. The energy
20		charge is stepped at the first 180 hours of use with an excess block of any
21		remaining kWh and priced with a lower energy charge. This declining energy
22		charge encourages the customer to control his kW demand and increase his
23		kWh usage. Aquila also proposes to freeze the Small General Service-

1		Demand at Primary Voltage rate offering. During the test year only 6
2		customers took service at Primary Voltage. Recently the 3 largest customers
3		have migrated to Large General Service- Primary tariff (MO725). The
4		remaining customers have special security reasons for owning their own
5		transformers. Because of the lack of customer interest in a Small General
6		Service Demand at Primary Voltage service, we chose to freeze the tariff.
7	Q.	What changes are proposed for the Large General Service rate schedule?
8	A.	Aquila proposes the elimination of the base/seasonal billing concept for Large
9		General Service with Demand meters at Secondary Voltage (MO720) and
10		Primary Voltage (MO725). The proposed rate structure is identical to the
11		previously discussed L&P Large General Service - Demand tariff. Both the
12		Large General Service-Secondary Voltage and Large General Service-Primary
13		Voltage will maintain the 100 kW monthly minimum billing demand with a
14		75% demand ratchet covering the previous 11 months. Aquila proposes a
15		monthly customer charge, seasonally priced demand charge and a stepped
16		energy charge. The energy charge would incorporate a 3 step allocation of the
17		kWh usage. The first step would bill the first 180 hours of use. The second
18		step would bill the kWh from 180 hours through 360 hours of use. The third
19		step would be for any kWh usage in excess of 360 hours of use. The higher the
20		load factors, the more kWh are billed at the cheaper energy rate.
21	Q.	Why is Aquila proposing elimination of the Residential Time of Use Service?
22	A.	No residential customer has ever taken service under this tariff. The Aquila
23		cost of generation in our region does not, in our opinion, justify a large enough

1		differential between On and Off Peak periods to compel customers to change
2		their usage behavior. Time of Use rates have more value to the customer, as
3		well as the Company, when there is a wider range of prices between peak use
4		periods and off peak periods. As evidenced by the lack of MPS customer
5		participation in Time of Use rates, we propose eliminating the tariff.
6	Q.	Why is Aquila proposing elimination of the General Service Time of Use
7		tariff?
8	A.	No customers are taking service under this tariff. The last customer left the
9		time of use tariff and returned to a standard tariff on June 1, 2001. The Aquila
10		cost of generation in our region does not, in our opinion, justify a large enough
11		differential between On and Off Peak periods to compel customers to change
12		their usage behavior. Time of Use rates have more value to the customer, as
13		well as the Company, when there is a wider range of prices between peak use
14		periods and off peak periods. As evidenced by the lack of MPS customer
15		participation in Time of Use rates, we propose eliminating the tariff.
16	Q.	What is Aquila proposing for the Modine Manufacturing Company tariff?
17	A.	Aquila is proposing a consolidation of the Modine Manufacturing Co.
18		(MO919) tariff into the Large Power Service - Secondary Voltage (MO730)
19		tariff. The current rate structure for rate MO919 dates back to 1978. It only
20		incorporated a declining stepped energy rate. It lacks a monthly customer
21		charge or a demand charge component. Aquila does not support the idea of
22		customer specific tariffs, preferring the use of Special Contracts when unique
23		situations warrant. In keeping with our desire to offer fair and equitable tariffs

1		to all customers, the appropriate rate structure for this size of customer is one
2		that has a customer charge, demand charge and base/seasonal hours of use
3		energy charge. Aquila's cost of service study results along with the Staff and
4		SIEUA and FEA cost of service study results all indicate that the MO919 rate
5		does not generate an appropriate level of revenue to cover the allocated costs.
6		By consolidating the MO919 rate ID into the MO730 rate ID, the customer
7		will experience modest but justified increase in rates. Removal of this rate
8		schedule will also reduce the burdens of tariff administration on the Company.
9	Q.	Does Aquila propose adding any new tariffs?
10	A.	Yes, a Small General Service Short Term Service tariff.
11	Q.	Please describe the proposed Small General Service Short Term tariff?
12	A.	The purpose of the Short Term Service tariff is to allow MPS to easily identify
13		customer services that are of a temporary nature. These services would include
14		festivals, fairs, carnivals, circuses, seasonal fruit stands and other services on a
15		non-permanent nature. In addition, Short Term Service shall be supplied to
16		builders, contractors, or developers constructing residential or commercial
17		sites prior to occupancy and/or permanent meter set. The tariff would consist
18		of a monthly customer charge and a seasonal energy charge similar to Small
19		General Service without Demand billing.
20	Q.	Does this conclude your direct testimony?
21	A.	Yes.

## BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

And Rate Design in th	e Missouri Jurisdictional Electric Aquila, Inc., formerly known as	) Case No. EO-2002-384 ) )
County of Jackson	) ) ss	
State of Missouri	)	
	AFFIDAVIT OF CHARLES	S R. GRAY
sponsors the accompa- testimony was prepare made as to the facts in	mying testimony entitled "Direct T ed by him and under his direction in said testimony and schedules, he timony and schedules are true and	es and says that he is the witness who estimony of Charles R. Gray;" that said and supervision; that if inquiries were would respond as therein set forth; and I correct to the best of his knowledge,
		Charles R. Gray
Subscribed and sworn	to before me thisday of	SEPTEMBER, 2005. Morvin La Friedrich
		Notary Public
		MARVIN L. FRIEDRICH
My Commission expir	res:	
Morch 10,	2007	

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## Case No. EO-2002-384

Residential General U	<i>U</i> se							
Sheet No. 2	MO860							
Customer Charge	•							
Winter 10/1 to 5/31	Regular Use	1,161,843	\$	6.64	\$	7,714,635		
Summer 6/1 to 9/30	7C6	581,198		6.64	\$			
A CANAL CONTRACTOR OF A		,	·		·			
Energy charge	v sem							
Winter 10/1 to:5/31	First 0-600 kWh	566,986,477	\$	0.0693	\$	39,292,163		
Winter 10/1 to 5/31	Excess Over 600 kWh	281,378,172	\$	0.0474	\$			
Winter 10/1 to 5/31 Summer 6/1 to 9/30	First 0-600 kWh	224 250 225	\$	0.0474	\$			
Summer 6/1 to 9/30	Next 600-10000 kWh	321,350,335 169,075,990	\$ \$	0.0693 0.0713	\$	22,269,578		
Summer 6/1 to 9/30	Excess Over 1000 kWh	297,851,511		0.0713	Φ \$	12,055,118 22,309,078		
in an arting the transfer of the states and selected to the state of the state of the state of the state of the	Total per Tariff Sheet	1,636,642,485	٠ ٣	0.01 10		EE,000,010	\$	120,837,052
	•		=				<u> </u>	<del></del>
Residential Electric S	Space Heating							
Sheet No. 3	MO870							
Countries Observe	•							
Customer Charge	(***C	a.= -a.	_					
Winter 10/1 to 5/31 Summer 6/1 to 9/30	Space Heating Space Heating	317,821		6.64	\$	• •		
Summer of the control	Space neating	160,272	Þ	6.64	\$	1,064,205		
Energy charge								
Winter 10/1 to 5/31	First 0-600 kWh	177,571,626	\$	0.0693	\$	12,305,714		
Winter 10/1 to 5/31 - 3	Next 600-1000 kWh	89,090,576		0.0374	\$			
Winter 10/1 to 5/31	Excess Over 1000 kWh	196,271,303	\$	0.0310	\$			
Summer 6/1 to 9/30 , 11 o	First 0-600 kWh	89,688,112	\$	0.0693	\$	6,215,386		
Summer 6/1 to 9/30	Next 600-10000 kWh	46,995,936	\$	0.0713	\$			
Summer 6/1 to 9/30	Excess Over 1000 kWh	93,149,362	. \$	0.0749	_\$	6,976,887		
	Total per Tariff Sheet	692,766,915	=				\$	41,439,729
Small General Service	ce - No Demand							
Sheet No. 4	MO710							
Customer Charge	and Mer							
Winter 10/1 to 5/31	Regular Use	106,797		11.22	\$			
Summer 6/1 to 9/30	Regular Use	51,741	\$	11,22	\$	580,534		
Energy charge								
Winter 10/1 to 5/31	Base Energy	50,419,888	\$	0.0689	\$	3,473,930		
Winter 10/1 to 5/31	Seasonal Energy	27,480,337		0.0267	\$			
Summer 6/1 to 9/30	Base Energy	45,467,846		0.0831	\$			
Summer 6/1 to 9/30	Seasonal Energy	-	\$	0.0831	<u>\$</u>			<u>.</u>
	Total per Tariff Sheet	123,368,071	=		_		\$	9,764,827

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## Missouri Public Service Billing Determinants by Tariff Sheet for the Year 2002

Small General Service Sheet No. 6	e - <b>Demand Secondary Se</b> MO711	ervice					
Customer Charge							
Winter:10/1 to 5/31	Regular Use	95,464	\$	11.22	\$	1,071,106	
Summer 6/1 to 9/30	Regular Use	49,909	\$	11.22	\$	559,983	
Demand charge							
Winter 10/1 to 5/31	Base Billing Demand	939,001	\$	2.39	\$	2,244,212	
Winter:10/1 to 5/31	Seasonal Billing Demand	663,969		•	\$	-, ,	
Summer 6/1 to 9/30	Base Billing Demand	811,676		3.22	\$	2,613,597	
Summer 6/1 to 9/30	Seasonal Billing Demand	-			\$	-	
Energy charge							
Winter 10/4 to 5/31	Base Energy First 180 hours	165,309,604	\$	0.0557	\$	9,207,745	
Winter 10/1 to 5/31	Base Energy Next 180 hours	76,181,652	\$	0.0469	\$	3,572,919	
Winter 10/1/to 5/3/1	Base Energy Over 360 hours	16,260,758	\$	0.0380	\$	617,909	
Winter 10/1 to 5/31	Seasonal Energy First 180 ho	97,700,103	\$	0.0267	\$	2,608,593	
Winter 10/1 to 5/31	Seasonal Energy Next 180 h	-	\$	0.0267	\$	-	
Winter 10/1 to 5/31	Seasonal Energy Over 360 h	-	\$	0.0267	\$	-	
Summer 6/1 to 9/30	All Energy First 180 hours	140,221,582	\$	0.0652	\$	9,142,447	
Summer 6/1 to 9/30	All Energy Next 180 hours	76,055,346	\$	0.0478	\$	3,635,446	
Summer 6/1 to 9/30	All Energy Over 360 hours	19,056,603	\$	0.0380	\$	724,151	
	Total per Tariff Sheet	590,785,648	_				5
Small General Servic Sheet No. 6	e - <b>Demand Primary Serv</b> MO716	ice					
Sheet No. 6	<del>-</del>	ice					
	<del>-</del>	<b>ice</b> 45	\$	11.22	\$	505	
Sheet No. 6  Customer Charge	MO716		\$	11.22 11.22	\$ \$	505 271	
Sheet No. 6  Customer Charge Winter 10/1/10:5/31 Summer 6/1/10:9/30	MO716 Regular Use	45	•		\$ \$		
Sheet No. 6  Customer Charge Winter 10/1/10:5/31 Summer/6/1/10:9/30	MO716 Regular Use Regular Use	45 24	\$	11.22	·	271	
Sheet No. 6  Customer Charge Winter 10/1/10:5/31 Summer/6/1/10:9/30  Demand charge Winter 10/1/10:5/31	MO716 Regular Use Regular Use Base Billing Demand	45 24 1,782	\$		\$		
Sheet No. 6  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31	MO716  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand	45 24 1,782 669	\$ \$ \$	11.22 1.35 -	\$ \$	271 2,406 -	
Sheet No. 6  Customer Charge Winter 10/1/10:5/31 Summer/6/1/10:9/30  Demand charge Winter 10/1/10:5/31	MO716 Regular Use Regular Use Base Billing Demand	45 24 1,782	\$	11.22	\$	271	
Sheet No. 6  Customer Charge Winter 10/1*to:5/31 Summer:6/1*to:9/30  Demand charge Winter 10/1*to:5/31 Winter 10/1*to:5/31 Summer:6/1*to:9/30 Summer:6/1*to:9/30	MO716  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Base Billing Demand	45 24 1,782 669	\$ \$ \$ \$	11.22 1.35 -	\$ \$ \$	271 2,406 -	
Sheet No. 6  Customer Charge Winter 10/1/10:5/31 Summer:6/1/10:9/30  Demand charge Winter 10/1/10:5/31 Winter 10/1/10:5/31 Summer:6/1/10:9/30 Summer:6/1/10:9/30	Regular Use Regular Use Base Billing Demand Seasonal Billing Demand Seasonal Billing Demand	45 24 1,782 669 1,325	\$ \$ \$ \$ \$ \$	11.22 1.35 - 2.23 -	\$ \$ \$ \$	2,406 - 2,955 -	
Sheet No. 6  Customer Charge Winter 10/1/1/0:5/31 Summer/6/1/1/0:9/30  Demand charge Winter 10/1/1/0:5/31 Winter 10/1/1/0:5/31 Summer/6/1/1/0:9/30 Summer/6/1/1/0:9/30  Energy charge Winter 10/1/1/0:5/31	Regular Use Regular Use Base Billing Demand Seasonal Billing Demand Base Billing Demand Seasonal Billing Demand Seasonal Billing Demand	45 24 1,782 669 1,325 -	\$ \$ \$ \$ \$ \$ \$ \$	11.22 1.35 - 2.23 -	\$ \$ \$ \$	2,406 - 2,955 - 17,533	
Sheet No. 6  Customer Charge Winter 10/1/16/5/31 Summer 6/11/0/9/30  Demand charge Winter 10/1/16/5/31 Winter 10/1/16/5/31 Summer 6/1/16/9/30  Energy charge Winter 10/1/16/5/31 Winter 10/1/16/5/31	Regular Use Regular Use Regular Use Base Billing Demand Seasonal Billing Demand Base Billing Demand Seasonal Billing Demand Seasonal Billing Demand	45 24 1,782 669 1,325 - 322,898 228,234	\$ \$ \$ \$ \$ \$ \$ \$ \$	11.22 1.35 - 2.23 - 0.0543 0.0457	\$ \$ \$ \$	2,406 - 2,955 - 17,533 10,430	
Sheet No. 6  Customer Charge Winter 10/1*to:5/31 Summer 6/1\$to:9/30  Demand charge Winter 10/1*to:5/31 Winter 10/1*to:5/31 Summer 6/1*to:9/30 Summer 6/1*to:9/30  Energy charge Winter 10/1*to:5/31 Winter 10/1*to:5/31	Regular Use Regular Use Regular Use Base Billing Demand Seasonal Billing Demand Base Billing Demand Seasonal Billing Demand Seasonal Billing Demand Base Energy First 180 hours Base Energy Next 180 hours Base Energy Over 360 hours	45 24 1,782 669 1,325 - 322,898 228,234 9,970	\$ \$ \$ \$ \$ \$ \$ \$ \$	11.22 1.35 - 2.23 - 0.0543 0.0457 0.0371	\$ \$ \$ \$ \$	2,406 - 2,955 - 17,533 10,430 370	
Sheet No. 6  Customer Charge Winter 10/1*to:5/31 Summer:6/1*to:9/30  Demand charge Winter 10/1*to:5/31 Winter 10/1*to:5/31 Summer:6/1*to:9/30 Summer:6/1*to:9/30 Summer:6/1*to:9/30  Energy charge Winter 10/1*to:5/31 Winter 10/1*to:5/31 Winter 10/1*to:5/31	Regular Use Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Base Billing Demand Seasonal Billing Demand  Base Energy First 180 hours Base Energy Over 360 hours Seasonal Energy First 180 ho	45 24 1,782 669 1,325 - 322,898 228,234	\$ \$ \$ \$ \$ \$ \$ \$ \$	11.22 1.35 - 2.23 - 0.0543 0.0457	\$ \$ \$ \$ \$	2,406 - 2,955 - 17,533 10,430	
Sheet No. 6  Customer Charge Winter 10/1*to:5/31 Summer 6/1\$to:9/30  Demand charge Winter 10/1*to:5/31 Winter 10/1*to:5/31 Summer 6/1*to:9/30 Summer 6/1*to:9/30  Energy charge Winter 10/1*to:5/31 Winter 10/1*to:5/31	Regular Use Regular Use Regular Use Base Billing Demand Seasonal Billing Demand Base Billing Demand Seasonal Billing Demand Seasonal Billing Demand Base Energy First 180 hours Base Energy Next 180 hours Base Energy Over 360 hours	45 24 1,782 669 1,325 - 322,898 228,234 9,970	\$ \$ \$ \$ \$ \$ \$ \$ \$	11.22 1.35 - 2.23 - 0.0543 0.0457 0.0371 0.0260	\$ \$ \$ \$ \$	2,406 - 2,955 - 17,533 10,430 370	

35,998,108

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#### Case No. EO-2002-384

Summer 6/1 to 9/30	All Energy Next 180 hours	144,056	\$	0.0467	\$	6,727	
Summer 6/1 to 9/30	All Energy Over 360 hours	4,446	\$	0.0371	\$	165	
ng 's a mandh ar saintaine sainteiriún se fair a' agus an an 1966 aitean air an 1966 aitean an 1966 aitean air	Total per Tariff Sheet	1,123,079	_				\$ 61,100
	==		=				
Large General Serv	ice - Demand Secondary Se	ervice					
Sheet No. 9	MO720						
Customer Charge							
Winter 10/1 to 5/31	Regular Use	8,311	\$	43.70	\$	363,177	
Summer 6/1 to 9/30	Regular Use	4,288	\$	43.70	\$	187,402	
Demand charge							
Winter-10/1 to 5/31	Page Billing Domand	4 402 020	•	2.24	•	0 545 507	
	Base Billing Demand	1,123,030		2.24	\$	2,515,587	
Winter 10/1 to 5/31	Seasonal Billing Demand	276,948	\$	-	\$	0.040.700	
Summer 6/1 to 9/30	Base Billing Demand	810,744	\$	3.23	\$	2,618,703	
Summer 6/1 to 9/30	Seasonal Billing Demand	•	\$	•	\$	-	
EDR discount					\$	(78,100)	
Energy charge					_		
Winter_10/1 to 5/31,	Base Energy First 180 hours	179,720,905	\$	0.0445	\$	7,997,580	
Winter 10/1 to 5/31	Base Energy Next 180 hours	126,617,260	\$	0.0374	\$	4,735,486	
Winter 10/4 to 5/31(	Base Energy Over 360 hours	41,730,008	\$	0.0355	\$	1,481,415	
Winter 10/1 to 5/31	Seasonal Energy First 180 h	109,376,006	\$	0.0267	\$	2,920,339	
Winter 10/1 to 5/31	Seasonal Energy Next 180 h	-	\$	0.0267	\$	-	
Winter 10/1 to 5/31	Seasonal Energy Over 360 h	-	\$	0.0267	\$	-	
Summer 6/1 to 9/30	All Energy First 180 hours	135,942,681	\$	0.0609	\$	8,278,909	
Summer 6/1 to 9/30	All Energy Next 180 hours	104,409,570	\$	0.0445	\$	4,646,226	
Summer/6/4 to 9/30	All Energy Over 360 hours	45,742,608	\$	0.0355	<u>_\$</u> _	1,623,863	
	Total per Tariff Sheet	743,539,038	=				\$ 37,290,588
Large General Serv	rice - Demand Primary Serv	rice					
Sheet No. 10	MO725						
Customer Charge							
Winter 10/1 to 5/31	Regular Use	188	\$	43.70	\$	8,234	
Summer 6/1 to 9/30	Regular Use	86	\$	43.70	\$	3,771	
han mid much al. Telepin and Alla Malla had been all appelational log and Malabahana.	WHEN DON'T COME AND A		·				
Demand charge							
Winter 10/1 to 5/31	Base Billing Demand	47,550	\$	1.35	\$	64,193	
Winter 10/1 to 5/31	Seasonal Billing Demand	12,521	\$	-	\$	-	
Summer 6/1 to 9/30	Base Billing Demand	44,660	\$	2.24	\$	100,038	
Summer 6/1 to 9/30	Seasonal Billing Demand	-	\$	-	\$	-	
Energy charge							
Winter 10/1 to 5/31	Base Energy First 180 hours	8,031,373	\$	0.0435	\$	349,365	
Winter 10/1 to 5/31	Base Energy Next 180 hours	6,088,914		0.0366	\$	222,854	
Winter 10/1 to 5/31	Base Energy Over 360 hours	1,084,348		0.0346	\$	37,518	
Something the state of the stat	Calaba Cara Cara Cara Cara Cara Cara Cara C		•		•		

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#### Case No. EO-2002-384

#### Missouri Public Service Billing Determinants by Tariff Sheet for the Year 2002

Winter 10/1 to 5/31		Energy First 180 ho		\$	0.0260	\$ 109,477	
Winter 10/1 to 5/31	Seasonal	Energy Next 180 h	-	\$	0.0260	\$ -	
Winter 10/1 to 5/31	, Seasonal	Energy Over 360 h	-	\$	0.0260	\$ _	
Summer 6/1 to 9/30	All Energy	First 180 hours	7,811,136	\$	0.0593	\$ 463,200	
Summer 6/1 to 9/30	All Energy	Next 180 hours	4,101,716	\$	0.0435	\$ 178,425	
Summer 6/1 to 9/30	All Energy	Over 360 hours	2,037,929	\$	0.0346	\$ 70,512	 
	Total per	Tariff Sheet	33,366,086			 	\$ 1,607,588
		;		=		;	 

#### Large Power Service - Demand Secondary Service

Sheet No. 12

MO730

Customer Charge

Winter 10/1 to 5/31 Regular Use Summer 6/1 to 9/30 Regular Use	866 399	\$ \$	118.34 118.34	\$ \$	102,488 47,186
Demand charge Winter 10/1 to 5/31 Base Billing Demand	561,010	\$	4.74	\$	2,659,187
TANK TO TANK TO THE PROPERTY OF THE PROPERTY O	400 400	-		•	

Willes Total Colon Services Dase Billing Demand	01010	Φ	4./4	Φ	2,008,107
Winter 10/1 to 5/31 Seasonal Billing Demand	188,126	\$	-	\$	-
Summer 6/1 to 9/30 Base Billing Demand	395,508	\$	6.48	\$	2,562,892
Summer/6/1 to 9/30 Seasonal Billing Demand	-	\$	-	\$	-
EDR discount				\$	(890,163)
Reactive Demand Adjustment				\$	22,970

**Energy charge** 

	Total per Tariff Sheet	538,042,553		:	\$
Summer 6/1 to 9/30	All Energy Over 360 hours	59,106,238	\$ 0.0272	\$ 1,607,690	_
Summer 6/1/to 9/30	All Energy Next 180 hours	68,547,495	\$ 0.0340	\$ 2,330,615	
Summer 6/1 to 9/30	All Energy First 180 hours	69,977,390	\$ 0.0517	\$ 3,617,831	
Winter 10/1 to 5/31	Seasonal Energy Over 360 h	-	\$ 0.0267	\$ -	
Winter 10/4: to 5/31	Seasonal Energy Next 180 h	-	\$ 0.0267	\$ -	
Winter 10/1 to 5/31	Seasonal Energy First 180 h	85,884,669	\$ 0.0267	\$ 2,293,121	
Winter:10/1*to:5/31≦ ( 📲	Base Energy Over 360 hours	65,461,251	\$ 0.0272	\$ 1,780,546	
Winter 10/1 to 5/31	Base Energy Next 180 hours	92,243,474	\$ 0.0308	\$ 2,841,099	
Winter 10/1 to 5/31	Base Energy First 180 hours	96,822,036	\$ 0.0343	\$ 3,320,996	

22,296,458

28,518

Large Power Service - Demand Primary Service

Sheet No. 13

MO735

Customer Charge Winter 10/1 to 5/31 Regular Use

Summer 6/1 to 9/30 Regular Use	134	\$ 118.34	\$ 15,858
Demand charge			
Winter 10/1 to 5/31 Base Billing Demand	557,643	\$ 3.46	\$ 1,929,445
Winter 10/1 to 5/31 Seasonal Billing Demand	122,630	\$ -	\$ -
Summer 6/1 to 9/30 Base Billing Demand	403,904	\$ 5.40	\$ 2,181,082

241 \$ 118.34

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## Case No. EO-2002-384

Cumara du la cua di	Seasonal Billing Demand		ď		d	•			
EDR discount	goodsonal billing Demand	-	Ф	-	\$		- 31,317)		
Reactive Demand Adju	etmant				9		57,524		
Reactive Demand Auju	sunent				4		J1,UZ4		
Energy charge									
Winter 10/1 to:5/31	Base Energy First 180 hours	98,759,733	\$	0.0335	\$	3.30	08,451		
Winter 10/1 to 5/31	Base Energy Next 180 hours	98,296,724	\$	0.0300	,		48,902		
Winter 10/1 to 5/31	Base Energy Over 360 hours	86,416,085	\$	0.0266	,		98,668		
Winter 10/1 to 5/31	Seasonal Energy First 180 h	65,754,952		0.0260	3		09,629		
Winter 10/1 to 5/31	Seasonal Energy Next 180 h	-	\$	0.0260	,				
Winter 10/1 to 5/31	Seasonal Energy Over 360 h	_	\$	0.0260	3		_		
Summer 6/1 to 9/30	All Energy First 180 hours	72,555,660	\$	0.0200	Š		34,061		
Summer 6/1 to 9/30									
The Version Hard Committee of the Secret Committee of the	All Energy Next 180 hours	71,902,078	\$	0.0330	9		72,769		
Summer 6/1 to 9/30 : 30	All Energy Over 360 hours Total per Tariff Sheet	66,214,813	. Ф	0.0266		1,70	61,314		21,994,901
	Total per Tariff Sheet	559,900,045	=					<u></u>	21,994,901
	Service - No Demand Sec	ondary Sen	VIC	8					
Sheet No. 16	MO740								
Customer Charge	NEWSPAN								
Winter 10/1/to 5/31	Regular Use	8,037	\$	11.44	;		91,946		
Summer 6/1 to 9/30 🕸 🔻	🔃 Regular Use	3,933	\$	11.44	;	•	44,997		
Energy charge	Monagen pr								
Winter 10/1 to 5/31	Base Energy	23,533,039	\$	0.0609			33,162		
Winter 10/1 to 5/31	ିଟ୍ର Seasonal Energy	10,633,395	\$	0.0313			32,825		
Summer 6/1 to 9/30	્રેયBase Energy	21,372,191	\$	0.0734		\$ 1,5	68,719		
Summer 6/1 to 9/30	Seasonal Energy	-	\$	0.0734	_	\$	-		
	Total per Tariff Sheet	55,538,625	_					\$	3,471,649
	_		_						<u> </u>
School and Church	Service - No Demand Prin	nary Servic	е						
Sheet No. 17	MO745	_							
Customer Charge									
Winter 10/1 to 5/31	Regular Use	8	\$	11.44		\$	92		
Summer 6/1 to 9/30	Regular Use	4	\$	11.44		\$	46		
The state of the s	rapundi								
Energy charge									
Winter 10/1 to 5/31	Base Energy	72,463	\$	0.0594		\$	4,304		
Winter 10/1 to 5/31	Seasonal Energy	59,857		0.0305		\$	1,826		
Summer 6/1 to 9/30	Base Energy	63,200		0.0715		\$	4,519		
Summer 6/1 to 9/30	Seasonal Energy	-	\$	0.0715		\$	-		
	Total per Tariff Sheet	195,520	_ `		-	··		\$	10,786
	•		=						

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Special Contract - M Sheet No. 34	odine Mfg. MO919						
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use	<u>-</u>	\$ \$	-	\$ \$	-	
Energy charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	First 1,000 kWh used Next 2,000 kWh used Next 7,000 kWh used Next 40,000 kWh used Over 50,000 kWh used First 1,000 kWh used Next 2,000 kWh used Next 7,000 kWh used Next 40,000 kWh used Over 50,000 kWh used	32,000 112,000 640,000 3,209,010 8,000 16,000 56,000 320,000 1,722,117	\$ \$ \$ \$ \$ \$ \$ \$	0.0618 0.0551 0.0486 0.0424 0.0389 0.0618 0.0551 0.0486 0.0424 0.0389	* * * * * * * * *	989 1,763 5,443 27,136 124,830 494 882 2,722 13,568 66,990	\$ 244,818
Special Contract - Sheet No. 69	Total per Tariff Sheet  MO950	6,131,127	=				244,010
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use	-	\$	-	\$	- -	
Reactive Demand Adju Energy charge Winter 10/1/10/5/31 Summer 6/1 to 9/30	Total per Tariff Sheet	- - -	\$ _ \$ =	-	\$ \$	-	\$ -
Residential Service Sheet No. 19	Time-of-Day MO600						
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use	-	\$ \$	11.76 11.76	\$ \$	- -	
Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30	Peak Off-Peak Peak Shoulder	- - -	\$ \$ \$	0.0812 0.0324 0.1265 0.0703	\$ \$ \$	- - -	

**Customer Charge** 

Winter 10/1 to 5/31 Regular Use

Summer 6/1 to 9/30 Regular Use

#### Case No. EO-2002-384

## Missouri Public Service Billing Determinants by Tariff Sheet for the Year 2002

Summer 6/1 to 9/30	Off-Peak  Total per Tariff Sheet		- <sup>\$</sup> =	0.0422	\$	<u>-</u> :	<u> </u>
General Service Sing Sheet No. 21	gle Phase Time-of-Day MO610						
Customer Charge							
Deligional Company of the Company of	Regular Use	-	\$	15.80	\$	_	
Summer 6/1 to 9/30		-	\$	15.80	\$	-	
Energy charge							
Winter 10/1 to 5/31	Peak	_	\$	0.0858	\$	_	
Winter 10/1 to 5/31:	Off-Peak	-	\$	0.0343	\$	_	
Summer 6/1 to 9/30	Peak	_	\$	0.1323	\$		
Summer 6/1 to 9/30	Shoulder	-	\$	0.0735	\$	_	
Summer 6/1, to 9/30	Off-Peak	-	\$	0.0441	\$	_	
and the state of the same of the state of the	Total per Tariff Sheet		_ `	5.5			\$ -
	-		<del></del>			•	
Customer Charge Winter 10/1 to:5/31	Regular Use		¢	15.80			
Summer 6/1 to 9/30	V	-	J.	10.00	₾		
to Dearly Service property and the Service of the S	Regular Use	-	\$	15.80	\$ \$	-	
Demand charge Winter:10/1:to:5/31 Summer 6/1 to 9/30	Regular Use  Peak Billing Demand  Peak Billing Demand		\$ \$ \$	15.80 - 6.76	\$ \$ \$	- -	
Winter:10/1:to:5/31 Summer 6/1 to 9/30	Peak Billing Demand		\$	-	\$		
Winter:10/1:to:5/31 Summer 6/1:to:9/30 Energy charge	Peak Billing Demand Peak Billing Demand	-	\$	- 6.76	\$	- -	
Winter: 10/1: to: 5/31 Summer 6/1 to 9/30 Energy charge Winter: 10/1: to: 5/31	Peak Billing Demand Peak Billing Demand Peak	-	\$ \$	- 6.76 0.0674	\$ \$		
Winter: 10/1: to: 5/31 Summer: 6/1: to: 9/30 Energy charge Winter: 10/1: to: 5/31 Winter: 10/1: to: 5/31	Peak Billing Demand Peak Billing Demand Peak Off-Peak		\$	- 6.76 0.0674 0.0270	\$	-	
Winter: 10/1: to: 5/31 Summer 6/1: to: 9/30 Energy charge Winter: 10/1: to: 5/31 Winter: 10/1: to: 5/31 Summer 6/1: to: 9/30	Peak Billing Demand Peak Billing Demand Peak Off-Peak Peak	-	\$ \$ \$ \$ \$	- 6.76 0.0674 0.0270 0.0809	\$ \$	-	
Winter: 10/1: to: 5/31 Summer 6/1: to: 9/30 Energy charge Winter: 10/1: to: 5/31 Winter: 10/1: to: 5/31 Summer 6/1: to: 9/30 Summer 6/1: to: 9/30	Peak Billing Demand Peak Billing Demand  Peak  Off-Peak  Peak  Shoulder		\$ \$	- 6.76 0.0674 0.0270 0.0809 0.0449	\$ \$ \$ \$ \$	-	
Winter: 10/4: to: 5/31 Summer 6/1 to: 9/30 Energy charge Winter: 10/4: to: 5/31 Winter: 10/4: to: 5/31 Summer 6/4: to: 9/30	Peak Billing Demand Peak Billing Demand  Peak  Off-Peak Peak Shoulder Off-Peak	- - - - -	\$ \$ \$ \$ \$	- 6.76 0.0674 0.0270 0.0809	\$ \$	- - - - -	\$ -
Winter: 10/4: to: 5/31 Summer 6/1: to: 9/30 Energy charge Winter: 10/4: to: 5/31 Winter: 10/4: to: 5/31 Summer 6/1: to: 9/30 Summer 6/1: to: 9/30	Peak Billing Demand Peak Billing Demand  Peak  Off-Peak  Peak  Shoulder		\$ \$ \$ \$ \$	- 6.76 0.0674 0.0270 0.0809 0.0449	\$ \$ \$ \$ \$		\$ -
Winter: 10/4: to: 5/31 Summer 6/1: to: 9/30 Energy charge Winter: 10/4: to: 5/31 Winter: 10/4: to: 5/31 Summer: 6/1: to: 9/30 Summer: 6/1: to: 9/30 Summer: 6/1: to: 9/30	Peak Billing Demand Peak Billing Demand  Peak  Off-Peak Peak Shoulder Off-Peak	age Time-o	* * * * * * * * * * * * * * * * * * * *	6.76 0.0674 0.0270 0.0809 0.0449 0.0270	\$ \$ \$ \$ \$		\$ -
Winter: 10/1: to:5/31 Summer 6/1: to:9/30 Energy charge Winter: 10/1: to:5/31 Winter: 10/1: to:5/31 Summer 6/1: to:9/30 Summer 6/1: to:9/30 Summer 6/1: to:9/30	Peak Billing Demand Peak Billing Demand  Peak Off-Peak Peak Shoulder Off-Peak Total per Tariff Sheet	age Time-o	* * * * * * * * * * * * * * * * * * * *	6.76 0.0674 0.0270 0.0809 0.0449 0.0270	\$ \$ \$ \$ \$		\$ -

52.89

52.89

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Damand daman						
Demand charge	第1969				_	
Winter 10/1 to 5/31	20°08-22°09	-	\$	-	\$	-
Summer 6/1 to 9/30	Peak Billing Demand	-	\$	6.76	\$	-
Energy charge						
Winter 10/1 to 5/31	Peak		•	0.0074	•	
	E-William Control	-	\$	0.0674	\$	-
Winter 10/1 to 5/31	Off-Peak	-	\$	0.0270	\$	-
Summer 6/1 to 9/30	Peak	-	\$	0.0809	\$	-
Summer 6/1 to 9/30	Shoulder	-	\$	0.0449	\$	-
Summer 6/1 to 9/30	ি Off-Peak		. \$	0.0270	_\$	-
	Total per Tariff Sheet	_	=			\$
General Service 3	Phase with Primary Voltag	ge Time-of-Da	v			
Sheet No. 23	MO640		•			
<b>Customer Charge</b>						
Winter 10/1/to 5/31	ା ୍ଲି Regular Use	_	\$	52.89	\$	-
Summer 6/1 to 9/30	Regular Use	_	\$	52.89	\$	_
	Garage Control		*	57.55	•	
Demand charge						
	Peak Billing Demand	_	\$	_	\$	_
Summer:6/1 to 9/30	Peak Billing Demand	-	\$	- 4.61	\$	-
	reak billing bernand	-	Ф	4.01	Φ	-
Energy charge						
Winter 10/1 to 5/31			^	0.0057	•	
	Peak	-	\$	0.0657	\$	-
Winter 10/1 to 5/31	Off-Peak	-	\$	0.0263	\$	-
Summer 6/1 to 9/30	Peak	~	\$	0.0788	\$	-
Summer 6/1: to 9/30	Shoulder	-	\$	0.0438	\$	-
Summer 6/1 to 9/30	Off-Peak		. \$	0.0263	\$	<del> </del>
	Total per Tariff Sheet		=			<u>\$</u>
Thermal Energy St	torage Pilot Program -Sec	ondary Voltag	уе 7	Time-of-Da	У	
Sheet No. 37	MO650	-				
Customer Charge						
Winter 10/1 to 5/31	Regular Use	7	\$	127.52	\$	893
'Summer 6/1'to 9/30	Regular Use	4	\$	127,52	\$	510
The enter in Arthur the southern will be a second of decided advantages where determined	- in-terminal					
Demand charge						
Winter 10/1 to 5/31	Peak Billing Demand	8,877	\$	4.74	\$	42,077
Summer 6/1 to 9/30	Peak Billing Demand	5,788		6.48	\$	37,506
The second second second second second second	marina.	5,,50	Ψ	ψ. i <b>u</b>	*	,
Energy charge						
Winter 10/1 to 5/31	Peak	1,879,060	¢	0.0289	\$	54,305
Winter 10/1 to 5/31	Off-Peak	1,523,802		0.0269	\$	39,619
Summer 6/1 to 9/30	Peak					
Summer 6/1 to 9/30	Shoulder	827,074		0.0515	\$	42,594
CUITIFIC OF LU 9/30	Section of the sectio	1,418,143	Ф	0.0289	\$	40,984

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Summer 6/1 to 9/30	Off-Peak	705,658	\$	0.0260	\$	18,347	
and the figure and the second of the second and the second	Total per Tariff Sheet	6,353,737	=			-	\$ 276,835
Real Time Pricing	for MO720						
Sheet No. 65	MO721						
Customer Charge	weeks with the same and the same						
Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use	6 4	\$ \$	-	\$ \$	1,341 882	
Demand charge	resolutions, who						
	Peak Billing Demand Peak Billing Demand	580 672	\$ \$	•	\$ \$	263 1,637	
hankel (bellinder) Pill Parkers N. 1984. Bender Stind 27. 1984 No. 11. p. et al. 1761 (bylitine hollien N. 1.	The state of the s	5.2	Ť		•	,,,,,,	
Energy charge Winter 10/1 to 5/31	kWh Usage	1,569,970	\$	-	\$	58,872	
Summer 6/1 to 9/30	kWh Usage	1,653,459	. \$	-	\$	70,492	400 400
	Total per Tariff Sheet	3,223,429	~				\$ 133,488
Real Time Pricing	for MO730						
Sheet No. 65	MO731						
Customer Charge	and the state of t						
Winter 10/1 to/5/31 Summer 6/1/to 9/30	Regular Use Regular Use	19 6	\$ \$	- -	\$ \$	4,063 1,331	
Demand charge							
Winter 10/1 to 5/31	Peak Billing Demand	-	\$	-	\$	-	
Summer 6/1 to 9/30	Peak Billing Demand	-	\$	-	\$	-	
Energy charge Winter 10/1 to 5/31	kWh Usage	8,890,303	\$	_	\$	457,171	
Summer 6/1 to 9/30	or ¥16.	11,591,523			\$	532,516	
y high and the file-matter desired and the individual of stay as a page	Total per Tariff Sheet	20,481,826	- =				\$ 995,082
				•			
Real Time Pricing Sheet No. 65	<b>for MO735</b> MO737						
Customer Charge							
Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use	27 9		-	\$ \$	6,051 1,957	
Demand charge	DENKANI TO COMMENTE OF THE OWNER OWN	-	•		*	-1	
Winter 10/1 to 5/31	Peak Billing Demand	-	\$	-	\$	-	
Summer 6/1 to 9/30	Peak Billing Demand	-	\$	-	\$	-	

## Case No. EO-2002-384

Winter 10/1 to 5/31 Summer 6/1 to 9/30	kWh Usage kWh Usage	31,344,774 24,829,878		<u>-</u>	\$ \$	1,343,501 1,179,974	
	Total per Tariff Sheet	56,174,652	=				\$ 2,531,484
84 ! - ! - !   144 - 4 - 11 Posses		A Line Line - One					
Municipal Water Pum <sub>i</sub> Sheet No. 24	ping and Special Stree MO800	et Lighting Ser	VIC	ce			
Customer Charge							
Winter 10/1 to 5/31	Regular Use	1,618	\$	-	\$	-	
Summer 6/1 to 9/30	Regular Use	806	\$	-	\$	-	
Energy charge							
Winter:10/13to 5/31	First 150 kWh used	143,858	\$	8.84	\$	14,303	
Winter 10/1 to 5/31	Excess kWh	5,352,920	\$	0.05870	\$	314,216	
Summer 6/1 to 9/302 6/9/6	First 150 kWh used	64,678	\$	8.84	\$	7,125	
Summer 6//1/to 9/30* /	Excess kWh	2,805,214	\$	0.05870	\$	164,666	
	Total per Tariff Sheet	8,366,670	- =				\$ 500,311
	ecreation Service - Si	nale Phase					
Sheet No. 25	MO810						
	MO810						
Customer Charge			\$	-	\$	<u>-</u>	
Customer Charge Winter 10/1 to 5/31	Regular Use	1,265	\$	- -	\$ \$	- -	
Customer Charge Winter (10/1) to 5/3-1 Summer 6/1 (to 9/30)	Regular Use		-	- -		- - 5,261	
Customer Charge Winter 10/1/10 5/31 Summer 6/1 to 9/30 Minimum Bill charges	Regular Use		-	-	\$	- - 5,261	
Customer Charge Winter 10/4 to 5/34 Summer:6// to 9/30 Minimum Bill charges Energy charge	Regular Use Regular Use		-	- - 0.07460	\$	- - 5,261 99,160	
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30 Minimum Bill charges Energy charge Winter 10/1 to 5/31	Regular Use Regular Use All kWh used	1,265 -	\$		\$	·	
Sheet No. 25  Customer Charge Winter 10/1 to 5/31, Summer 6/1 to 9/30  Minimum Bill charges  Energy charge Winter 10/1 to 5/31, Summer 6/1 to 9/30	Regular Use Regular Use All kWh used	1,265 - 1,329,222	\$		\$ \$ \$	99,160	\$ 203,700
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30 Minimum Bill charges Energy charge Winter 10/1 to 5/31	Regular Use Regular Use All kWh used	1,265 - 1,329,222 1,330,821	\$		\$ \$ \$	99,160	\$ 203,700
Customer Charge Winter 10/4 to 5/34. Summer 6/4 to 9/30 Minimum Bill charges Energy charge Winter 10/4 to 5/31. Summer 6/1 to 9/30	Regular Use Regular Use All kWh used	1,265 - 1,329,222 1,330,821 2,660,043	\$		\$ \$ \$	99,160	\$ 203,700
Customer Charge Winter 10/1 to 5/31, Summer 6/1/to 9/30 Minimum Bill charges Energy charge Winter 10/1 to 5/31, Summer 6/1 to 9/30	Regular Use Regular Use All kWh used All kWh used Total per Tariff Sheet	1,265 - 1,329,222 1,330,821 2,660,043	\$		\$ \$ \$	99,160	\$ 203,700
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30 Minimum Bill charges Energy charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Municipal Park And R Sheet No. 25 Customer Charge	Regular Use Regular Use  All kWh used All kWh used Total per Tariff Sheet  Recreation Service - 3 I	1,265 - 1,329,222 1,330,821 2,660,043	\$		\$ \$ \$	99,160	\$ 203,700
Customer Charge Winter 10/1 to 5/31, Summer 6/1 to 9/30  Minimum Bill charges  Energy charge Winter 10/1 to 5/31, Summer 6/1 to 9/30  Municipal Park And R Sheet No. 25  Customer Charge Winter 10/1 to 5/31	Regular Use Regular Use All kWh used All kWh used Total per Tariff Sheet  Recreation Service - 3 I MO811 Regular Use	1,265 - 1,329,222 1,330,821 2,660,043	\$ \$ -	0.07460	\$ \$ \$	99,160	\$ 203,700
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30 Minimum Bill charges Energy charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Municipal Park And R Sheet No. 25 Customer Charge	Regular Use Regular Use  All kWh used All kWh used Total per Tariff Sheet  Recreation Service - 3 I	1,265  1,329,222 1,330,821 2,660,043  Phase	\$ \$ -	0.07460	\$ \$ \$	99,160	\$ 203,700
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30 Minimum Bill charges Energy charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Municipal Park And R Sheet No. 25  Customer Charge Winter 10/1 to 5/31	Regular Use Regular Use All kWh used All kWh used Total per Tariff Sheet  Recreation Service - 3 I MO811 Regular Use	1,265  1,329,222 1,330,821 2,660,043  Phase	\$ \$ \$ \$ \$ \$ \$ \$	0.07460	\$ \$ \$	99,160	

## Case No. EO-2002-384

## Missouri Public Service Billing Determinants by Tariff Sheet for the Year 2002

Winter 10/1 to 5/31 All kWh used Summer 6/1 to 9/30 Total per Tariff Sheet	1,637,953 \$ 0.07460 1,074,157 \$ 0.07460 2,712,110	\$ 122,191 \$ 80,132	\$ 208,355
Street and Private Area Lighting MONxx			
Number of Services Winter 10/1 to 5/31 Summer 6/1 to 9/30	- -		
Energy charge Winter 10/1 to 5/31 Regular Use Summer 6/1 to 9/30 Regular Use Total per Tariff Sheet	28,282,914 13,737,505 42,020,419	\$ 3,784,132 \$ 1,250,798	\$ 5,034,930
Green Power 99-GP Customer Charge Winter 40/1 to 5/31 Regular Use Summer 6/1 to 9/30 Regular Use	- \$ - - \$ -	\$ - \$ -	
Energy charge Winter 10/1 to 5/31 Regular Use Summer 6/1 to 9/30 Regular Use Total per Tariff Sheet	- \$ 5.00 - \$ 5.00	\$ - \$ -	<u>\$</u>
Interdepartmental Service  MO888  Customer Charge  Winter 10/1 to 5/31  Regular Use  Summer 6/1 to 9/30  Regular Use  Minimum Bill charges	- \$ <i>-</i> - \$ -	\$ - \$ -	
Energy charge Winter 10/1 to 5/31 Regular Use Summer 6/1 to 9/30 Regular Use Total per Tariff Sheet	- \$ 0.02650 - \$ 0.02650	\$ - \$ -	\$ -
TOTAL RATES	5,123,392,078 kWh		\$ 304,901,787

C:\Documents and Settings\Lori,LAW\Local Settings\Temporary Internet Files\Content.iE5\0LM0VWCW\[Schedule CRG-1.xls]CRG-1

Residential Gene	rai use						
Sheet No. 6	MO910						
Customer Charge							
Winter 10/1 to 5/31.	Regular Use	263,007	\$	5.59	\$	1,470,209	
Summer 6/1 to 9/30		131,720	\$	5.59	\$	736,317	
Energy charge							
Winter 10/1 to 5/31	First 0-650 kWh	124,201,380	\$	0.0570	\$	7,079,479	
Winter 10/1 to 5/31	Excess Over 650 kWh	42,170,989	\$	0.0420	\$	1,771,182	
Summer 6/1 to 9/30	All kWh	153,748,437	\$	0.0640	_\$_	9,839,900	
							\$ 20,897,086
etain. 19-tilaksi V trauskisiks esitlerik autosa Overretta esitelik	Total per Tariff Sheet	320,120,806					
rigini - 19-tijaki O <del>Paradi sake k</del> elabi para na OA stata Gradini a Andria	·						
Residential Gene	Total per Tariff Sheet eral Use-Multiple Occupancy I MO911						
Residential Gene Sheet No. 6	eral Use-Multiple Occupancy l						
Residential Gene Sheet No. 6 Customer Charge	eral Use-Multiple Occupancy l MO911		\$	5.59	\$	23,807	
Residential Gene Sheet No. 6 Customer Charge Winters 10/18 to 5/31	eral Use-Multiple Occupancy I MO911 Regular Use	Bldg.	•	5.59 5.59	\$ \$	23,807 11,875	
Residential Gene Sheet No. 6 Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	eral Use-Multiple Occupancy I MO911 Regular Use	<b>Bldg.</b> 4,259	•				
Residential General Sheet No. 6  Customer Charge Winter: 10/1 to 5/31 Summer: 6/1 to 9/30	eral Use-Multiple Occupancy I MO911 Regular Use Regular Use	<b>Bldg.</b> 4,259	\$				
Residential General Sheet No. 6  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	eral Use-Multiple Occupancy I MO911 Regular Use Regular Use	<b>Bldg.</b> 4,259 2,124	\$	5.59	\$	11,875	
Residential General Sheet No. 6  Customer Charge Winter 10//1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10//1 to 5/31	eral Use-Multiple Occupancy i MO911 Regular Use Regular Use First 0-650 kWh	<b>Bldg.</b> 4,259 2,124 1,410,705	\$ \$ \$	5.59 0.0570	\$	11,875 80,410	

# Residential Service - with Electric Space Heating

Sheet No. 8 MO920

Customer Charge				
Winter 10/1 to 5/31 Regular Use	108,710	\$ 5.59	\$ 607,691	
Summer 6/1 to 9/30 Regular Use	54,543	\$ 5.59	\$ 304,897	
Energy charge				
Winter 10/1 to 5/31 First 0-1000 kWh	94,601,337	\$ 0.0420	\$ 3,973,256	
Winter 10/1 to 5/31 Excess Over 1000 kWh	103,045,784	\$ 0.0300	\$ 3,091,374	
Summer 6/1 to 9/30	77,656,243	\$ 0.0640	\$ 4,970,000	
Total per Tariff Sheet	275,303,364			\$ 12,947,217

Residential General Use with Electric Space Heating-Multiple Occupancy Bldg. Sheet No. 6 MO921

• 4							
Schedule CRG-2		Case No. EO	-20	002-384			9/19/2005 13:22
Light and Power E	Billing Determinan	ts by Tariff Sh	eet	t for the Ye	ear 20	002	
Customer Charge Winter 10/1 to 5/31	Regular Use	5,709		5.59	\$	31,915	
Summer 6/1 to 9/30	Regular Use	2,770	\$	5.59	\$	15,484	
Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31	First 0-1000 kWh	4,625,493		0.0420	\$	194,271	
Summer 6/1 to 9/30	All kWh	620,633 1,941,490		0.0300 0.0640	\$ \$	18,619 124,255	
	Total per Tariff Sheet		- *	0.0040	-Ψ	124,200	\$ 384,545
Residential Service - Sheet No. 10 Customer Charge	MO913	-					
Winter 10/1 to 5/31 Summer 6/1 to 9/30	ূRegular Use ুRegular Use	56,650		5.59	\$	316,672	
Energy charge Winter 40/4 to 5/3/1	First 0-650 kWh	28,353 31,223,286	·	5.59 0.0530	\$ \$	158,495 1,654,834	
Winter 10/1 to 5/31	Excess Over 650 kWh	21,923,512	\$	0.0350	\$	767,323	
Summer 6/1 to 9/30 20%	All kWh	36,691,754	\$	0.0640	_\$_	2,348,272	
	Total per Tariff Sheet	89,838,552	<b>=</b>				\$ 5,245,596
Residential Service - Sheet No. 10	with Electric Water H MO914	leating - Multi Oc	cup	oancy Bldg.			
Customer Charge							

Residential Service - with Electric Water Heating Sheet No. 10 MO914	g - Multi Occ	сир	ancy Bldg	•		
Customer Charge						
Winter 10/1 to 5/31	88	\$	5.59	\$	492	
Summer 6/11to 9/30 Regular Use	44	\$	5.59	\$	246	
Energy charge						
Winter 10/1 to 5/31 First 0-650 kWh	51,799	\$	0.0530	\$	2,745	
Winter 10/1 to 5/31 Excess Over 650 kWh	7,688	\$	0.0350	\$	269	
Summer 6/1 to 9/30 All kWh	42,905	\$	0.0640	\$	2,746	 
Total per Tariff Sheet	102,392					\$ 6,498

Residential Service	e - Other Use			
Sheet No. 11.2	MO915			
Customer Charge				
Winter 10/1 to 5/31	ি ৈ Regular Use	11,980	\$ 6.11	\$ 73,196
Summer 6/1 to 9/30	Regular Use	6,027	\$ 6.11	\$ 36,822

Summer 6/1 to 9/30	All kWh Total per Tariff Sheet  Separate Meter -Space Hea	3,006,190 1,742,501 <b>4,748,691</b> ating/Water	\$ =	0.0680 0.0930 ating	\$ \$	204,421 162,053	\$ 476,492
Sheet No. 29	MO922	•					
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use	815 409	\$ \$	2.95 2.95	\$ \$	2,405 1,207	
Energy charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	All kWh All kWh Total per Tariff Sheet	370,441 140,099 510,540	•	0.0350 0.0650	\$ \$	12,965 9,106	\$ 25,684
General Service - Lin Sheet No. 12	nited Demand NO930						
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use	25,540 12,808		11.25 11.25	\$ \$	287,328 144,085	
Energy charge Winter 10/1 to 5/3.1 Summer 6/1 to 9/30	All kWh All kWh Total per Tariff Sheet	15,513,602 7,966,437 <b>23,480,039</b>		0.0 <del>6</del> 20 0.0860	\$ _\$	961,843 685,114	\$ 2,078,370
General Service - Ge Sheet No. 13	neral Use MO931						
Facilities kW Charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30	First 10 Facilities kW All over 10 kW Facilities kW First 10 Facilities kW All over 10 kW Facilities kW	11,225 107,539 5,629 51,539	\$ \$	23.46 1.71 23.46 1.71	\$ \$ \$	263,339 183,892 132,056 88,132	
Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30	First 150 kWh's per Actual kW Excess kWh's First 150 kWh's per Actual kW Excess kWh's	16,996,801 8,733,527 10,614,246 7,817,611	\$ \$	0.0490 0.0380 0.0720 0.0530	\$ \$ \$	832,843 331,874 764,226 414,333	-

<del>-</del>	-						
	Total per Tariff Sheet	44,162,185					\$' 3,010,695
	2		=				
General Service - Lin	nited Demand with Electric	c Space Hea	ting	3			
Sheet No. 14	MO932	•		-			
Service Charge for each	7.16						
Winter 10/1 to 5/31/467	Regular Use	2,204	\$	11.25	\$	24,794	
Summer 6/1 to 9/30/	Regular Use	1,102	\$	11.25	\$	12,400	
Energy charge	distriction of the second of t		_		_		
Winter 10/1 to 5/31	All kWh	2,904,663		0.0620	\$	180,089	
Summer 6/1 to 9/30	All kWh	1,237,446	\$	0.0860	_\$	106,420	A 000 700
	Total per Tariff Sheet	4,142,109	2				\$ 323,703
Coneral Service Wi	th Flootric Space Heating						
Sheet No. 15	th Electric Space Heating MO933						
Sheet No. 15	MO933						
Facilities kW Charge							
Winter 10/1 to/5/31	First 3 Facilities kW	4,778	s	11.25	\$	53,753	
Winter 10/1 to 5/31 *	All over 3 kW Facilities kW	76,727		1.53	\$	117,392	
Summer 6/1 to 9/30	First 3 Facilities kW	2,424		11.25	\$	27,268	
Summer 6/1 to 9/30	All over 3 kW Facilities kW	37,616		1.53	\$	57,552	
The second of the second secon	N. Maria	3.1273	•	.,,,,	•	<b>-</b> · <b>,</b>	
Energy charge							
Winter 10/1 to 5/31	First 150 kWh's per Actual kW	8,673,363	\$	0.0490	\$	424,995	
Winter 10/1 to 5/31	Excess kWh's	4,774,652	\$	0.0290	\$	138,465	
Summer 6/1 to 9/30	First 150 kWh's per Actual kW	3,892,291	\$	0.0720	\$	280,245	
Summer 6/1 to 9/30	Excess kWh's	2,915,611	\$	0.0530	_\$	154,527	
	Total per Tariff Sheet	20,255,917	=				\$ 1,254,197
0 10 1							
	hool and Church Service						
Sheet No. 18	MO934						
Customer Charge							
Winter 10/1 to 5/31	Regular Use	2,491	\$	11.25	\$	28,023	
Summer 6/1 to 9/30	Regular Use	1,253		11.25	\$	14,098	
	. Cogular Coo	1,200	Ψ	, , . 20	*	. ,,000	
Energy charge							
Winter 10/1 to 5/31	All kWh	2,864,723	\$	0.0620	\$	177,613	
Summer 6/1 to 9/30	All kWh	2,438,116		0.0860	\$	209,678	
The second secon	Total per Tariff Sheet	5,302,839	_				\$ 429,412
		<del></del>	_				

Winter 10/1 to 5/31

Winter 10/1 to 5/31

Summer 6/1 to 9/30

Summer 6/1 to 9/30

# Light and Power Billing Determinants by Tariff Sheet for the Year 2002

Large General Se Sheet No. 19	ervice ( 40 kW minumum) MO940						
Facilities kW Charg	to the design of the contract						
Winter 10/1 to 5/31	First 40 Facilities kW	8,648	\$	75.86	\$	656,037	
Winter 10/1 to 5/31	All over 40 kW Facilities kW	710,852	\$	1.02	\$	725,069	
Summer 6/1 to 9/30	First 40 Facilities kW	4,337	\$	75.86	\$	329,005	
Summer 6/1 to 9/30	All over 40 kW Facilities kW	326,020	\$	1.02	\$	332,540	
Demand charge							
Winter 10/1 to 5/31	kW < Prev Summer Peak kW	749,140	\$	1.23	\$	921,442	
Winter 10/1 to 5/31	Each kW > Prev Summer Peal	68,712		0.20	\$	13,742	
Summer 6/1 to 9/30	All kW of Billing Demand	419,511		2.60	\$	1,090,729	
Primary Discount R	7.7 No. 200 April 19		·		\$	(6,588)	
EDR Credit					\$	(15,050)	
Misc Fees					\$	58,766	
Curtailment Credit					\$	(4,752)	
Energy charge					•	(1,102)	
Winter 10/1 to 5/31	First 200 kWh's per Actual kW	139,614,008	\$	0.0340	\$	4,746,876	
Winter 10/1/to 5/31	Excess kWh's	86,563,165		0.0290	\$	2,510,332	
Summer 6/1 to 9/30	First 200 kWh's per Actual kW	75,927,978		0.0490	\$	3,720,471	
Summer 6/1 to 9/30	Excess kWh's	60,603,540		0.0330	\$	1,999,917	
	Total per Tariff Sheet	362,708,691	- ¥	0.0000	<u></u>	1,000,011	\$ 17,078,53
	<b>-</b>		=			•	
Large Power Sen	vice (500 kW minimum)						
Sheet No. 21	MO944						
Facilities kW Charg	e						
Winter 10/1 to 5/31	First 500 Facilities kW	448	\$	640.86	\$	287,105	
Winter 10/1/to 5/31	All over 500 kW Facilities kW	742,530	\$	1.00	\$	742,530	
Summer 6/1 to 9/30	First 500 Facilities kW	228	\$	640.86	\$	146,116	
Summer 6/1 to 9/30	All over 500 kW Facilities kW	363,225	\$	1.00	\$	363,225	
Demand charge							
Winter 10/1 to 5/31	kW < Prev Summer Peak kW	774,267	\$	3.13	\$	2,423,456	
Winter 10/1 to 5/31	Each kW > Prev Summer Peal	40,441		0.20	\$	8,088	
Summer 6/1 to 9/30	All kW of Billing Demand	434,071		7.34	\$	3,186,081	
Primary Discount R	Long St. 12 Calculation Services	-	\$	(0.56)	\$	(126,859)	
EDR Credit			•	` '	\$	(539,953)	
Misc Fees					\$	26,694	
<b>Curtailment Credit</b>					\$	(11,880)	
Energy charge					•	V: -127	
SALTY CLASS TO THE SERVICES	No Part No Let No.						

192,286,264 \$

201,702,919 \$

87,808,718 \$

131,832,184 \$

613,630,085

0.0280

0.0210

0.0340

0.0240

5,384,015

4,235,761

2,985,496

3,163,972

\$ 22,273,849

For each "on-peak" kWh's

For each "off-peak" kWh's

For each "on-peak" kWh's

For each "off-peak" kWh's

**Total per Tariff Sheet** 

	vice - Separate Meter -Sp	oace Heating/W	'ate	r Heating				
Sheet No. 30	MO941							
Service Charge for eac	h bill							
Winter 10/1 to 5/31		875	\$	5.78	\$	5,057		
Summer 6/1 to 9/30	Regular Use	439	\$	5.78	\$	2,535		
_								
Energy charge	Stea Stean	0.404.040	•	0.0050	•	74.047		
Winter 10/1 to 5/31	All kWh	2,121,346		0.0350	\$	74,247		
Summer 6/1 to 9/30	All kWh	679,748	\$	0.0860	_\$	58,458	\$	140,298
	Total per Tariff Sheet	2,801,094	=				<del></del> =	140,290
Private Area Lighting	3							
Sheet No.								
Number of Services								
Winter 10/1 to 5/312								
Summer 6/1 to 9/30		-						
- Junine Control of Society								
Energy charge								
Winter 10/1 to 5/31	Regular Use	14,380,951			\$	1,549,855		
Summer 6/1 to 9/30	Regular Use	4,788,501			\$	518,453		
	Total per Tariff Sheet	19,169,452	=				\$	2,068,308
Outdoor Night Light	ina							
Sheet No. 28.1	MO971							
Service Charge for each			_	4.00	•	0.050		
Each Bill	Regular Use	565	\$	4.00	\$	2,259		
Each Bill	Regular Use	-	\$	4.00	\$	-		
Energy charge								
Winter 10/1 to 5/31	All kWh	203,576	\$	0.0660	\$	13,436		
Summer 6/1 to 9/30	51 Nr - 451	218,359		0.0660	\$	14,412		
<ul> <li>Service of an incidence of antique of antique of an incidence of</li></ul>	Total per Tariff Sheet	421,935	_				\$	30,107

Private Area Lighting

Sheet No. 27

MO972

**Number of Services** 

- 1 To 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Secondary meter base install,per n	71,747			\$	767	
	Meter Installation with CT's,per me	-					
Misc Fees					\$	1,476	
Energy charge							
Winter 10/1 to 5/31	্রীRegular Use	614,820	\$	0.0340	\$	20,904	
Summer 6/1 to 9/30	Regular Use	253,208	\$	0.0340	\$	8,609	
	Total per Tariff Sheet	868,028			•		\$ 31,756
	<del></del>		=				
Street Lighting & Traf	fic Signals						
Sheet No. 25.2	MO973						
Service Charge for each	bill						
Each Month	Secondary meter base install,per n	260	\$	1.71	\$	445	
Each Month	Meter Installation with CT's,per me	-	\$	2,95	\$	-	
Lacingon	meter installation with C1 s,per me	-	φ	2.90	Ψ	-	
Energy charge							
Winter 10/18 to 5/31	A II 1-3 A /b-	400 007	•	0.0440	•	47.550	
TO THE REPORT OF THE PROPERTY OF THE PARTY O	All kWh	428,207	\$	0.0410	\$	17,556	
Summer 6/1 to 9/30		206,907	\$	0.0410	\$	8,483	 
	Total per Tariff Sheet	635,114	=				\$ 26,485

1,798,044,358 kWh \$ 88,923,554

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### Case No. EO-2002-384

## MPS Billing Determinants on Proposed Rate Design for the TY 2002

9	•	·					
Residential General Sheet No. 2	<b>Use</b> MO860						
Customer Charge							
Winter 10/1 to 5/31	Regular Use	1,169,205	\$	18.00	\$	21,045,690	
Summer 6/1 to 9/30	Regular Use	584,881	\$	18.00	\$	10,527,858	
قدرات با	· · · · · ·						
Energy charge							
Winter 10/1 to 5/31	ेFirst 0-600 kWh	568,106,433	\$	0.0650	\$	36,926,918	
Winter 10/1 to 5/31	Excess Over 600 kWh	280,204,824	\$	0.0600	\$	16,812,289	
Winter 10/1 to 5/31		•	\$	0.0600	\$	-	
Summer 6/1 to 9/30	First 0-600 kWh	318,849,387	\$	0.0650	\$	20,725,210	
Summer 6/1 to 9/30	Next 600-10000 kWh	163,094,057	\$	0.0700	\$	11,416,584	
Summer 6/1 to 9/30 34	Excess Over 1000 kWh	240,857,596	\$	0.0741	_\$_	17,847,548	
	Total per Tariff Sheet	<b>1,571,112,297</b>	ŭ		_		\$ <u>135,302,098</u>
		<del> </del>	-				-
Residential Electric	Space Heating						
Sheet No. 3	MO870						
Customer Charge	r i bass						
Winter 10/1 to 5/31	Space Heating	335,353		18.00	\$	6,036,354	
Summer 6/1 to 9/30	Space Heating	169,113	\$	18.00	\$	3,044,034	
_							
Energy charge	8.34				_		
Winter 10/1 to 5/31	SFirst 0-600 kWh	279,649,647		0.0500	\$	13,982,482	
Winter 10/1 to 5/31	Next 600-1000 kWh	78,503,615		0.0417	\$	3,273,601	
Winter 10/1 to 5/31	Excess Over 1000 kWh	147,475,700		0.0335	\$	4,940,436	
Summer 6/1 to 9/30	First 0-600 kWh	142,002,254	\$	0.0600	\$	8,520,135	
Summer 6/1 to 9/30	Next 600-1000 kWh	41,523,333		0.0650	\$	2,699,017	
Summer 6/1/to 9/30	Excess Over 1000 kWh	45,072,683	- 7	0.0741	_\$	3,339,886	\$ 45,835,945
	Total per Tariff Sheet	734,227,232	<u></u>				1000;54 <u>0</u>
Small General Serv	vice - No Demand						
Sheet No. 4	MO710						
<b>Customer Charge</b>							
Winter 10/1 to 5/31	3	106,678	\$	7.00	\$	746,746	
Summer 6/1 to 9/30	Regular Use	51,683	\$	7.00	\$	361,781	
_							
Energy charge	Army's					_	
Winter 10/1 to 5/31	ূুুুঁFirst 0-1000 kWh	48,501,141	-	0.0640	\$	3,104,073	
Winter 10/1 to 5/31	Excess Over 1000 kWh	29,802,040		0.0500	\$	1,490,102	
Summer 6/1 to 9/30	First 0-1000 kWh	24,084,951		0.0650	\$	1,565,522	
Summer 6/1 to 9/30	ेNext 1000-5400 kWh	18,040,981	-	0.0700	\$	1,262,869	
Summer 6/1 to 9/30	್ರಿExcess Over 5400 kWh	1,451,924	_ \$	0.0750	_\$	108,894	

121,881,037

\$ 8,639,987

**Total per Tariff Sheet** 

### Case No. EO-2002-384

## MPS Billing Determinants on Proposed Rate Design for the TY 2002

Small General Servi Sheet No. 6	ice - Demand Secondary Se MO711	ervice					
Customer Charge							
Winter 10/1 to 5/31	Regular Use	95,384	\$	30.88	\$	2,945,458	
Summer 6/1 to 9/30	Regular Use	49,868	\$	30.88	\$	1,539,924	
Demand charge Winter 10/1 to 5/31	Billing Demand	1,592,357	¢	3.22	¢	£ 127 200	
Summer 6/1 to 9/30	Billing Demand	912,275		5.22	\$ \$		
EDR discount Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 19/30	Energy First 180 hours Excess Energy Over 180 hours Energy First 180 hours Excess Energy Over 180 hours Total per Tariff Sheet	233,178,069 122,532,741 138,549,232 85,849,451	\$ \$ \$	0.0400 0.0300 0.0400 0.0300	\$ \$ \$ \$	9,327,123 3,675,982 5,541,969 2,575,484	35,486,282
Small General Serv Sheet No. 6	ice - Demand Primary Serv MO716	ice					
Customer Charge							
Winter 10/1 to 5/31	Regular Use	53	\$	24.05	\$	1,275	
Summer 6/1 to 9/30	Regular Use	28	\$	24.05	\$	673	
Demand charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	Billing Demand Billing Demand	2,881 1,566	\$	3.14 5.08	\$ \$	9,046 7,955	
Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31	Energy First 180 hours Excess Energy Over 180 hours	507,251 357,613	\$ \$	0.0390 0.0293	\$		
Summer 6/1 to 9/30	Energy First 180 hours		\$	0.0293	\$		
Summer 6/1 to 9/30	Excess Energy Over 180 hours	174,866		0.0293	\$		
The second of th	Total per Tariff Sheet	1,320,545	=				\$ 65,286

Large General Service - Demand Secondary Service

Sheet No. 9

MO720

### Case No. EO-2002-384

## MPS Billing Determinants on Proposed Rate Design for the TY 2002

Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use	8,985 4,636		85.71 85.71	\$ \$	770,104 397,352	
Demand charge	3.5%						
Winter 10/1 to 5/31	Billing Demand	1,612,333	æ	3.60	et.	5,804,399	
Summer 6/1 to 9/30	Billing Demand	876,449		5.20	\$ \$	4,557,535	
	g. Dining Domain	070,443	Ψ	3.20	Φ	4,557,555	
EDR discount					\$	_	
Energy charge					•		
Winter 10/1 to 5/31	All Energy First 180 hours	260,832,282	\$	0.0300	\$	7,824,968	
Winter 10/1 to 5/31	All Energy Next 180 hours	180,639,780	\$	0.0270	\$	4,877,274	
Winter 10/1 to 5/31	ExcessEnergy Over 360 hours	60,923,638	\$	0.0240	\$	1,462,167	
Summer 6/1 to 9/30	All Energy First 180 hours	147,080,481	\$	0.0340	\$	5,000,736	
Summer 6/1 to 9/30 🚧	All Energy Next 180 hours	112,059,495	\$	0.0300	\$	3,361,785	
Summer 6/1/to 9/30	ExcessEnergy Over 360 hours	46,272,813	\$	0.0265	\$	1,226,230	
	Total per Tariff Sheet	807,808,489	Á				\$ 35,282,550
Large General Ser Sheet No. 10	vice - Demand Primary Ser M0725	vice					
Sheet No. 10		vice					
Sheet No. 10 Customer Charge	MO725		¢	85 71	¢	16 088	
Sheet No. 10  Customer Charge Winter 10/1 to 5/31	MO725 Regular Use	188		85.71 85.71	\$	16,088 7 354	
Sheet No. 10 Customer Charge	MO725			85.71 85.71	\$ \$	16,088 7,354	
Sheet No. 10  Customer Charge Winter 10/1 to 5/31	MO725 Regular Use	188					
Sheet No. 10  Customer Charge Winter 10/1 to 5/31  Summer 6/1 to 9/30	MO725 Regular Use	188	\$				
Sheet No. 10  Customer Charge Winter 10/11 to 5/31 Summer 6/11 to 9/30	MO725 Regular Use Regular Use	188 86	\$	85.71	\$	7,354	
Sheet No. 10  Customer Charge Winter 10/11 to 5/31  Summer 6/11 to 9/30  Demand charge  Winter 10/11 to 5/31	MO725  Regular Use Regular Use  Billing Demand	188 86 62,317	\$	85.71 3.51	\$ \$	7,354 218,733	
Sheet No. 10  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge  Winter 10/1 to 5/31 Summer 6/1 to 9/30	MO725  Regular Use Regular Use  Billing Demand	188 86 62,317	\$	85.71 3.51	\$ \$	7,354 218,733	
Sheet No. 10  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge  Winter 10/4 to 5/31 Summer 6/1 to 9/30  Energy charge	Regular Use Regular Use Billing Demand Billing Demand	188 86 62,317 44,582	\$ \$ \$	3.51 5.07	\$ \$ \$	7,354 218,733 226,031	
Sheet No. 10  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge  Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use Billing Demand Billing Demand	188 86 62,317	\$ \$ \$	3.51 5.07	\$ \$	7,354 218,733	
Sheet No. 10  Customer Charge Winter 10/11 to 5/31 Summer 6/11 to 9/30  Demand charge  Winter 10/11 to 5/31 Summer 6/11 to 9/30  Energy charge Winter 10/11 to 5/31	Regular Use Regular Use Billing Demand Billing Demand Billing Demand	188 86 62,317 44,582 10,354,642	\$ \$ \$	3.51 5.07	\$ \$ \$	7,354 218,733 226,031 303,391	
Sheet No. 10  Customer Charge Winter 10/11 to 5/31 Summer 6/1 to 9/30  Demand charge  Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31	Regular Use Regular Use Billing Demand Billing Demand Base Energy First 180 hours Base Energy Next 180 hours	188 86 62,317 44,582 10,354,642 7,540,057	\$ \$ \$ \$ \$	3.51 5.07 0.0293 0.0263	\$ \$ \$	7,354 218,733 226,031 303,391 198,303	
Sheet No. 10  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge  Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31	Regular Use Regular Use Billing Demand Billing Demand Base Energy First 180 hours Base Energy Next 180 hours Base Energy Over 360 hours	188 86 62,317 44,582 10,354,642 7,540,057 1,486,645	\$ \$ \$ \$ \$	3.51 5.07 0.0293 0.0263 0.0234	\$ \$ \$ \$	7,354 218,733 226,031 303,391 198,303 34,787	
Sheet No. 10  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge  Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use Billing Demand Billing Demand Base Energy First 180 hours Base Energy Next 180 hours Base Energy Over 360 hours All Energy First 180 hours	188 86 62,317 44,582 10,354,642 7,540,057 1,486,645 7,797,481	\$ \$ \$ \$ \$	3.51 5.07 0.0293 0.0263 0.0234 0.0332	* * * * * * * * * * * * * * * * * * * *	7,354 218,733 226,031 303,391 198,303 34,787 258,876	
Sheet No. 10  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge  Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30	Regular Use Regular Use Regular Use  Billing Demand Billing Demand  Base Energy First 180 hours Base Energy Next 180 hours Base Energy Over 360 hours All Energy First 180 hours All Energy Next 180 hours	188 86 62,317 44,582 10,354,642 7,540,057 1,486,645 7,797,481 4,094,532	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3.51 5.07 0.0293 0.0263 0.0234 0.0332 0.0293	\$ \$ \$ \$ \$ \$ \$	7,354 218,733 226,031 303,391 198,303 34,787 258,876 119,970	\$ 1,436,020

Large Power	Service -	Demand	Secondary	Service
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Sheet No. 12

MO730

Customer Charge Winter 10/1 to 5/31 90.00 82,530

### Case No. EO-2002-384

Summer 6/1 to 9/30	Regular Use	422	\$	90.00	\$	37,980	
Demand charge							
Winter 10/1 to 5/31	Base Billing Demand	593,819	\$	7.00	\$	4,156,733	
Winter 10/1 to 5/31	Seasonal Billing Demand	199,128		-	\$	-	
Summer 6/1 to 9/30	Billing Demand	418,638		8.47	\$	3,545,864	
Summer 6/1 to 9/30	Seasonal Billing Demand	-	•		\$	-	
EDR discount	ANGO)				\$	-	
Reactive Demand Ad	justment				\$	24,314	
					-		
Energy charge	40Nertus						
Winter 10/1 to 5/31	Base Energy First 180 hours	102,484,450	\$	0.0290	\$	2,972,049	
Winter 10/1 to 5/31	Base Energy Next 180 hours	97,638,121	\$	0.0260	\$	2,538,591	
Winter 10/1 to 5/31	Base Energy Over 360 hours	69,289,602	\$	0.0240	\$	1,662,950	
Winter 10/1 to 5/31	Seasonal Energy First 180 hours	90,907,436	\$	0.0220	\$	1,999,964	
Winter 10/1 to 5/31	Seasonal Energy Next 180 hours	-	\$	0.0220	\$	-	
Winter 10/1 to 5/31	Seasonal Energy Over 360 hours	-	\$	0.0220	\$	-	
Summer 6/1 to 9/30	All Energy First 180 hours	74,069,857	\$	0.0300	\$	2,222,096	
Summer 6/1 to 9/30	All Energy Next 180 hours	72,556,337	\$	0.0260	\$	1,886,465	
Summer 6/1 to 9/30	All Energy Over 360 hours	62,562,930	\$	0.0220	\$	1,376,384	
	Total per Tariff Sheet	569,508,733	œ V				\$22,505,920
			-	•			
Large Power Servi	ice - Demand Primary Servic	•					
——————————————————————————————————————	ice - Demand Primary Service	9					
Large Power Servi Sheet No. 13	ice - Demand Primary Servic MO735	e					
Sheet No. 13	•	9					
Sheet No. 13 Customer Charge	MO735		\$	274.00	\$	63.912	
Sheet No. 13  Customer Charge Winter 10/1/to 5/31	MO735  Regular Use	233	\$	274.00 274.00	\$ \$	63,912 35,536	
Sheet No. 13 Customer Charge	MO735		<b>\$</b>	274.00 274.00		63,912 35,536	
Sheet No. 13  Customer Charge Winter 10/1/to 5/31	MO735  Regular Use	233					
Sheet No. 13  Customer Charge Winter 10/1/10/5/31  Summer 6/1/10/9/30	MO735  Regular Use	233	\$				
Sheet No. 13  Customer Charge Winter 10/1/10/5/31  Summer 6/1/10/9/30  Demand charge	MO735 Regular Use Regular Use	233 130	\$	274.00	\$	35,536	
Sheet No. 13  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31	MO735  Regular Use Regular Use  Base Billing Demand	233 130 539,726	\$	274.00 6.83	\$	35,536	
Sheet No. 13  Customer Charge Winter 10/1/16/5/31 Summer 6/1/16/9/30  Demand charge Winter 10/1/16/5/31 Winter 10/1/16/5/31 Summer 6/1/16/9/30	MO735  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand	233 130 539,726 118,690	\$ \$ \$ \$	274.00 6.83	\$ \$ \$	35,536 3,686,326	
Sheet No. 13  Customer Charge Winter 10/1/16/5/31 Summer 6/1/16/9/30  Demand charge Winter 10/1/16/5/31 Winter 10/1/16/5/31 Summer 6/1/16/9/30	MO735  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand	233 130 539,726 118,690 390,926	\$ \$ \$ \$	274.00 6.83 - 8.26	\$ \$ \$	35,536 3,686,326	
Sheet No. 13  Customer Charge Winter 10/1/16/5/31 Summer 6/1/16/9/30  Demand charge Winter 10/1/16/5/31 Winter 10/1/16/5/31 Summer 6/1/16/9/30 Summer 6/1/16/9/30	MO735  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand	233 130 539,726 118,690 390,926	\$ \$ \$ \$	274.00 6.83 - 8.26	\$ \$ \$ \$	35,536 3,686,326	
Sheet No. 13  Customer Charge Winter 10/1/10/5/31 Summer 6/1/10/9/30  Demand charge Winter 10/1/10/5/31 Winter 10/1/10/5/31 Summer 6/1/10/9/30 Summer 6/1/10/9/30 EDR discount Reactive Demand Ad	MO735  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand	233 130 539,726 118,690 390,926	\$ \$ \$ \$	274.00 6.83 - 8.26	\$ \$ \$ \$ \$	35,536 3,686,326 - 3,229,052 -	
Sheet No. 13  Customer Charge Winter 10/1/to 5/31 Summer 6/1/to 9/30  Demand charge Winter 10/1/to 5/31 Winter 10/1/to 5/31 Summer 6/1/to 9/30 Summer 6/1/to 9/30 EDR discount Reactive Demand Ad Energy charge	MO735  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand	233 130 539,726 118,690 390,926 0	\$ \$ \$ \$	274.00 6.83 - 8.26 5.40	\$ \$ \$ \$ \$	35,536 3,686,326 - 3,229,052 - - 55,676	
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 EDR discount Reactive Demand Ad Energy charge Winter 10/1 to 5/31	MO735  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand Justment  Base Energy First 180 hours	233 130 539,726 118,690 390,926 0	\$ \$ \$ \$	6.83 - 8.26 5.40	\$ \$ \$ \$ \$ \$ \$	35,536 3,686,326 - 3,229,052 - - 55,676 2,703,187	
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 EDR discount Reactive Demand Ad Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31	MO735  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand justment  Base Energy First 180 hours Base Energy Next 180 hours	233 130 539,726 118,690 390,926 0 95,586,531 95,138,399	\$ \$ \$ \$ \$ \$ \$ \$	274.00 6.83 - 8.26 5.40 0.0283 0.0254	* * * * * * * * * * * *	35,536  3,686,326  - 3,229,052  - 55,676  2,703,187 2,411,758	
Sheet No. 13  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 EDR discount Reactive Demand Ad Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Winter 10/1 to 5/31	Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand  Justment  Base Energy First 180 hours Base Energy Next 180 hours Base Energy Over 360 hours	233 130 539,726 118,690 390,926 0 95,586,531 95,138,399 83,639,491	\$ \$ \$ \$ \$ \$	274.00 6.83 - 8.26 5.40 0.0283 0.0254 0.0234	\$ \$ \$ \$ \$ \$ \$ \$ \$	35,536  3,686,326  - 3,229,052  - 55,676  2,703,187 2,411,758 1,957,164	
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30 EDR discount Reactive Demand Ad Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Winter 10/1 to 5/31	Regular Use Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand  justment  Base Energy First 180 hours Base Energy Over 360 hours Seasonal Energy First 180 hours	233 130 539,726 118,690 390,926 0 95,586,531 95,138,399 83,639,491 63,642,211	\$ \$ \$ \$ \$ \$	274.00 6.83 - 8.26 5.40 0.0283 0.0254 0.0234 0.0215	* * * * * * * * * * * * *	35,536  3,686,326  - 3,229,052  - 55,676  2,703,187 2,411,758	
Customer Charge Winter 10/1/to 5/31 Summer 6/1/to 9/30  Demand charge Winter 10/1/to 5/31 Winter 10/1/to 5/31 Summer 6/1/to 9/30 Summer 6/1/to 9/30 Summer 6/1/to 9/30 EDR discount Reactive Demand Ad Energy charge Winter 10/1/to 5/31 Winter 10/1/to 5/31 Winter 10/1/to 5/31 Winter 10/1/to 5/31	Regular Use Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand  justment  Base Energy First 180 hours Base Energy Next 180 hours Base Energy Over 360 hours Seasonal Energy First 180 hours Seasonal Energy Next 180 hours	233 130 539,726 118,690 390,926 0 95,586,531 95,138,399 83,639,491 63,642,211	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.0283 0.0254 0.0234 0.0215	* * * * * * * * * * * * * * * * * * * *	35,536  3,686,326  - 3,229,052  - 55,676  2,703,187 2,411,758 1,957,164	
Customer Charge Winter 10/1/to 5/31 Summer 6/1/to 9/30  Demand charge Winter 10/1/to 5/31 Winter 10/1/to 5/31 Summer 6/1/to 9/30 Summer 6/1/to 9/30 Summer 6/1/to 9/30 EDR discount Reactive Demand Ad Energy charge Winter 10/1/to 5/31	Regular Use Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand  justment  Base Energy First 180 hours Base Energy Next 180 hours Base Energy Over 360 hours Seasonal Energy Next 180 hours Seasonal Energy Next 180 hours Seasonal Energy Over 360 hours	233 130 539,726 118,690 390,926 0 95,586,531 95,138,399 83,639,491 63,642,211 0	* * * * * * * * * * * * * * * * * * * *	0.0283 0.0254 0.0215 0.0215	* * * * * * * * * * * * * * * * * * * *	35,536  3,686,326  - 3,229,052  - 55,676  2,703,187 2,411,758 1,957,164 1,365,125	
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30 EDR discount Reactive Demand Ad Energy charge Winter 10/1 to 5/31	Regular Use Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand justment  Base Energy First 180 hours Base Energy Next 180 hours Base Energy Over 360 hours Seasonal Energy First 180 hours Seasonal Energy Over 360 hours Seasonal Energy Over 360 hours All Energy First 180 hours	233 130 539,726 118,690 390,926 0 95,586,531 95,138,399 83,639,491 63,642,211 0 0 70,224,408	* * * * * * * * * * * * * * * * * * * *	0.0283 0.0254 0.0215 0.0215 0.0215 0.0293	* * * * * * * * * * * * * * * * * * * *	35,536  3,686,326  - 3,229,052  - 55,676  2,703,187 2,411,758 1,957,164 1,365,125  - 2,054,064	
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30 EDR discount Reactive Demand Ad Energy charge Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30	Regular Use Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand  justment  Base Energy First 180 hours Base Energy Next 180 hours Base Energy Over 360 hours Seasonal Energy First 180 hours Seasonal Energy Next 180 hours All Energy First 180 hours All Energy Next 180 hours All Energy Next 180 hours	233 130 539,726 118,690 390,926 0 95,586,531 95,138,399 83,639,491 63,642,211 0 0 70,224,408 69,591,826	* * * * * * * * * * * * * * * * * * * *	0.0283 0.0254 0.0215 0.0215 0.0215 0.0254	* * * * * * * * * * * * * * * * * * * *	35,536  3,686,326  - 3,229,052  - 55,676  2,703,187 2,411,758 1,957,164 1,365,125  - 2,054,064 1,764,153	
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30 EDR discount Reactive Demand Ad Energy charge Winter 10/1 to 5/31	Regular Use Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand justment  Base Energy First 180 hours Base Energy Next 180 hours Base Energy Over 360 hours Seasonal Energy First 180 hours Seasonal Energy Over 360 hours Seasonal Energy Over 360 hours All Energy First 180 hours	233 130 539,726 118,690 390,926 0 95,586,531 95,138,399 83,639,491 63,642,211 0 0 70,224,408	*****	0.0283 0.0254 0.0215 0.0215 0.0215 0.0293	* * * * * * * * * * * * * * * * * * * *	35,536  3,686,326  - 3,229,052  - 55,676  2,703,187 2,411,758 1,957,164 1,365,125  - 2,054,064	\$ 20,700,627

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School and Church Sheet No. 16	Service - No Demand Second MO740	ondary Service	)				
Customer Charge	us.						
Winter 10/1 to 5/31	्रेRegular Use	,	\$	7.00	\$	46,802	
Summer 6/1/to 9/30	ुंRegular Use	3,272	\$	7.00	\$	22,904	
Energy charge							
Winter 10/1 to 5/31	First 0-1000 kWh	4,960,912	\$	0.0640	\$	317,498	
Winter 10/1 to 5/31	Excess Over 1000 kWh	23,298,475		0.0500	\$	1,164,924	
Summer 6/1 to 9/30	First 0-1000 kWh	2,633,222		0.0650	\$	171,159	
Summer 6/1 to 9/30	Next 600-1000 kWh	5,898,794		0.0700	\$	412,916	
Summer 6/1 to 9/30	Excess Over 5400 kWh			0.0750	\$	606,420	
The area and a common the second and	Total per Tariff Sheet	44,877,009	7				\$ 2,742,624
School and Church Sheet No. 17	Service - No Demand Prim	ary Service					
Customer Charge							
Winter; 10/1 to 5/31	Regular Use	•	\$	24.05	\$		
Summer 6/1 to 9/30	Regular Use	-	\$	24.05	\$	-	
Demand charge Winter 10/1/10/5/31 Summer 6/1/10/9/30	Billing Demand Billing Demand	- -	\$	3.14 5.08	<b>\$</b> \$	•	
			,				
Energy charge	* 3			0.0000	•		
Winter 10/1 to 5/31	Energy First 180 hours	-	\$	0.0390	\$	-	
Winter:10/1 to 5/31	Excess Energy Over 180 hours	•	\$	0.0293	\$	-	
Summer 6/1 to 9/30 Summer 6/1 to 9/30	Energy First 180 hours	-	\$	0.0390 0.0293	\$ \$	-	
Summer on to aroung	Excess Energy Over 180 hours  Total per Tariff Sheet	<del></del>	. Ψ	0.0253	Ψ_		\$ -
Special Contract - I	Modine Mfg.		=				
Sheet No. 34	MO919						
Customer Charge							
and the same of th	Regular Use	16	\$	90.00	\$	1,440	
Summer 6/1 to 9/30		8	\$	90.00	\$	720	
ender und Africa de la description de la compaction de la	224: ₹						
Demand charge	· Barrio						
Winter 10/1 to 5/31	Base Billing Demand	9,459	\$	5.15	\$	48,714	

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	Seasonal Billing Demand	4,197		-	\$	-	
Summer 6/1 to 9/30	Billing Demand	7,132	\$	7.65	\$	54,560	
Summer 6/1 to 9/30	Seasonal Billing Demand	-			\$	-	
					\$	-	
Reactive Demand Adju	ıstment				\$	-	
Energy charge							
Winter 10/1 to 5/31	Base Energy First 180 hours	1,669,194	\$	0.0330	\$	55,083	
Winter 10/1 to 5/31	Base Energy Next 180 hours	1,066,340	\$	0.0290	\$	30,924	
Winter 10/1 to 5/31	Base Energy Over 360 hours	71,739	\$	0.0260	\$	1,865	
Winter 10/1 to 5/31	Seasonal Energy First 180 hours	1,201,737		0.0240	\$	28,842	
Winter 10/1 to 5/31	Seasonal Energy Next 180 hours	.,,	\$	0.0240	\$		
Winter 10/1 to 5/31	Seasonal Energy Over 360 hours		\$	0.0240	\$	_	
Summer 6/1 to 9/30	All Energy First 180 hours	1,237,020	\$	0.0420	\$	51,955	
Summer 6/1 to 9/30	All Energy Next 180 hours	844,154	\$	0.0420	\$	30,390	
Summer 6/1 to 9/30	All Energy Over 360 hours		•		•		
Summer of to 9/302	April 2	40,943		0.0310	\$	1,269	11670 E 3 20 E 764
	Total per Tariff Sheet	6,131,127	¥ =				<b>1\$</b> 7 305,761
Special Contract -							
Sheet No. 69	MO950						
Customer Charge							
Winter:10/1/to-5/31	Regular Use	-	\$	-	\$	•	
Summer 6/1 to 9/30 😁		-	\$		\$	-	
And apple to a second when an interpretation of the			·		•		
Reactive Demand Adju	ustment				\$	-	
					•		
Energy charge							
Winter 10/1/to 5/31	A.	_	\$	0.0360	\$	-	
Summer 6/1 to 9/30		•	\$	0.0360	\$	-	
er mer ombotien har i e konstituenten konstituenten eta	Total per Tariff Sheet		- *	0,000	<del></del> -	<del></del>	\$ -
	Total por Tallin Officer	<u></u>	=				
Docidential Camiles	Time of Day						
Residential Service Sheet No. 19	<del>-</del>						
Sneet No. 19	MO600						
Cuetamen Object							
Customer Charge			_				
	Regular Use	-	\$	-	\$	-	
Summer 6/1 to 9/30	ੂੰ Regular Use	-	\$	-	\$	-	
=							
Energy charge	tr		_				
and the second of the second o	Peak	-	\$	-	\$	-	
Winter 10/1 to:5/31	Off-Peak	-	\$	-	\$	-	
Summer 6/1 to 9/30	Peak	-	\$	-	\$	-	
Summer 6/1 to 9/30	Shoulder	-	\$	-	\$	-	
Summer 6/1 to 9/30	Off-Peak		_ \$	-			
	Total per Tariff Sheet		_				<u> </u>

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	ngle Phase Time-of-Day							
Sheet No. 21	MO610							
Customer Charge								
Customer Charge Winter 10/1 to 5/31	Regular Use	_	\$		¢			
Summer 6/1 to 9/30	Regular Use	_	\$	_	\$ \$	-		
to an a recommendation of the second second	Cogular Ose		Ψ	-	Ψ			
Energy charge								
Winter 10/1 to 5/31	Peak	-	\$	-	\$	_		
Winter 10/1 to 5/31	Off-Peak	-	\$	-	\$	-		
Summer 6/1 to 9/30	Peak	•	\$	-	\$	-		
Summer 6/1 to 9/30	Shoulder	-	\$	-	\$	-		
Summer 6/1 to 9/30	Off-Peak		_ \$	-	_\$	-		
	Total per Tariff Sheet		==				\$	
	ingle Phase with Demand C	charge Time-of	-Day					
Sheet No. 22	MO620							
Customer Charge								
Winter 10/1 to 5/31	Regular Use	_	¢		\$	_		
Summer 6/1 to 9/30	Regular Use	· -	\$ \$	_	\$	_		
COURT CONTROL OF THE	Cyulai Osc	_	Ψ	•	Ψ	_		
Demand charge								
Winter 10/1 to 5/31	Peak Billing Demand	_	\$	-	\$			
Summer 6/1 to 9/30	Peak Billing Demand	-	\$	_	\$	-		
The second secon								
Energy charge								
Winter:10/1 to 5/31	/(Peak	-	\$	-	\$	-		
Winter 10/1 to 5/31	Off-Peak	-	\$	-	\$	-		
Summer 6/1 to 9/30	Peak	-	\$	-	\$	-		
Summer 6/1 to 9/30	Shoulder	-	\$	-	\$	-		
Summer 6/1 to 9/30	Off-Peak  Total per Tariff Sheet	<del></del>	<b></b> *	-		_ <del>-</del> -	<u> </u>	
	rotal per railli Sileet		<b>=</b>				<u>*</u>	
General Service 3	Phase with Secondary Vol	tage Time-of-D	av					
Sheet No. 22	MO630		,					
Customer Charge								
Winter 10/1 to 5/31	Regular Use	-	\$	-	\$	-		
Summer 6/1 to 9/30		-	\$	-	\$	-		
Demand charge	79° si							
Winter 10/1 to 5/31	Peak Billing Demand	-	\$	-	\$	-		

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Summer 6/1 to 9/30	Peak Billing Demand	-	\$	•	\$	-	
Energy charge Winter 10/1 to 5/31	<b>E</b> Peak	_	\$	_	\$	_	
Winter 10/1 to 5/31	Off-Peak	_	\$	-	\$	_	
Summer 6/1 to 9/30	Peak	_	\$	-	\$	_	
Summer 6/1 to 9/30	Shoulder		\$	-	\$	_	
Summer 6/1 to 9/30	Off-Peak	-	\$	_	\$	•	
	Total per Tariff Sheet		•		<u> </u>		\$ -
		<del></del>	=				
General Service 3	Phase with Primary Voltage	e Time-of-Day					
Sheet No. 23	MO640						
Customer Charge	agrafation .						
Winter 10/1 to 5/31 -		-	\$	-	\$	-	
Summer 6/4 to 9/30	Regular Use	•	\$	-	\$	-	
Demand charge							
AT ACC A SUSSESSION OF A SUSCESSION AND ADMINISTRATION OF A SUSSESSION OF A SU	Peak Billing Demand	-	\$	-	\$		
	Peak Billing Demand	-	\$	-	\$	-	
Energy charge							
Winter 10/1 to 5/31	Peak	-	\$		\$	_	
Winter 10/1 to 5/31	Off-Peak	·	\$	-	\$	_	
Summer 6/1'to 9/30	Peak		\$		\$		
Summer 6/1 to 9/30	Shoulder		\$	_	\$	-	
Summer 6/1 to 9/30	Off-Peak	-	\$	_	\$	_	
	Total per Tariff Sheet		. * -		<u> </u>		\$ -
	•		=				
Thermal Energy St	torage Pilot Program -Seco	ndary Voltage	Tim	e-of-Day			
Sheet No. 37	MO650	industry to diago					
Customer Charge							
Winter 10/1 to 5/31	Regular Use	8	\$	90.00	\$	720	
The factor of the state of the	Regular Use	4	\$	90.00	\$	360	
Domond above							
Demand charge	Peak Billing Demand	0.400	¢	E 45	e	48,575	
	Peak Billing Demand	9,432 6,150		5.15 7.65	\$ \$	47,048	
Culture of the area was	F eak blilling bernand	0,130	Ψ	7.00	•	17,040	
Energy charge	*** <b>D</b> I	4 000 :==	•	0.0000	•	QE 004	
	Peak	1,996,470		0.0330	\$	65,884	
Winter 10/1 to 5/31	Off-Peak	1,619,014		0.0290	\$	46,951	
Summer 6/1 to 9/30	∰∴Peak Shoulder	878,752 1 506 <b>75</b> 3		0.0420 0.0360	\$ \$	36,908 54,243	
Summer 6/1 to 9/30 Summer 6/1 to 9/30	Shoulder Off-Peak	1,506,753		0.0360	\$ \$	23,242	
Ontilination 1 10 9190 %	Total per Tariff Sheet	749,750 <b>6,750,739</b>		0.0510	<u> </u>	23,244	\$ 323,930
	. otor por tarm officer	- Seifer . Alt AA' 100	<del>=</del> =				

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Real Time Pricing for	or MO720						
Sheet No. 65	MO721						
Customer Charge							
Winter 10/1 to 5/31	ွု Regular Use	6	\$	85.71	\$	518	
Summer 6/1 to 9/30	ြိုRegular Use	4	\$	85.71	\$	343	
Demand charge							
Winter 10/1 to 5/31	Peak Billing Demand	4,995	\$	3.60	\$	17,982	
Summer 6/1/to 9/30	Peak Billing Demand	2,877	\$	5.20	\$	14,960	
Energy charge							
Winter 10/1 to 5/31	All Energy First 180 hours	813,965	\$	0.0300	\$	24,419	
Winter 10/1 to 5/31	All Energy Next 180 hours	813,965	\$	0.0270	\$	21,977	
Winter 10/1 to 5/31	ExcessEnergy Over 360 hours	270,494	\$	0.0240	\$	6,492	
Summer 6/1 to 9/30	All Energy First 180 hours	517,862	\$	0.0340	\$	17,607	
Summer 6/1 to 9/30	All Energy Next 180 hours	517,861	\$	0.0300	\$	15,536	
Summer 6/1 to 9/30	ExcessEnergy Over 360 hours	289,282	\$	0.0265	\$	7,666	
	Total per Tariff Sheet	3,223,429	_				\$ 127,500
			_			•	
Real Time Pricing f	or MO730						
Real Time Pricing for Sheet No. 65	or <b>MO730</b> MO731						
_							
_							
Sheet No. 65		19	\$	90.00	\$	1,710	
Sheet No. 65 Customer Charge	MO731	19 6	\$ \$	90.00 90.00	\$ \$	1,710 540	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	MO731  Regular Use		•			-	
Sheet No. 65  Customer Charge Winter 10/1 to 5/3.1 Summer 6/1 to 9/30  Demand charge	MO731 Regular Use Regular Use		•			540	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31	MO731  Regular Use Regular Use  Base Billing Demand		•			-	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31	MO731  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand	6	\$	90.00	\$	540 102,396	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30	MO731  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand	6	\$	90.00	\$ \$ \$	540	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31	MO731  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand	6 14,628 -	\$	90.00 7.00 -	\$ \$ \$	540 102,396	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30	MO731  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand	6 14,628 -	\$ \$ \$	90.00 7.00 -	\$ \$ \$	540 102,396	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30  Energy charge	MO731  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand	14,628 - 9,065	\$ \$ \$ \$	90.00 7.00 - 8.47	\$ \$ \$ \$	540 102,396 - 76,781 -	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31	MO731  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand  All Energy First 180 hours	14,628 - 9,065 - 3,770,931	\$ \$ \$ \$ \$ \$	90.00 7.00 - 8.47 -	\$ \$ \$ \$	540 102,396 - 76,781 - 109,357	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31	MO731  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand All Energy First 180 hours All Energy Next 180 hours	14,628 - 9,065 - 3,770,931 2,624,172	\$ \$ \$ \$ \$ \$	90.00 7.00 - 8.47 - 0.0290 0.0260	\$ \$ \$ \$ \$	540 102,396 - 76,781 - 109,357 68,228	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Winter 10/1 to 5/31 Winter 10/1 to 5/31	MO731  Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand  All Energy First 180 hours  All Energy Next 180 hours  ExcessEnergy Over 360 hours	14,628 - 9,065 - 3,770,931	\$ \$ \$ \$ \$ \$	90.00 7.00 - 8.47 - 0.0290 0.0260 0.0240	\$ \$ \$ \$ \$	540 102,396 - 76,781 - 109,357	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Winter 10/1 to 5/31 Winter 10/1 to 5/31	Regular Use Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand  All Energy First 180 hours All Energy Next 180 hours ExcessEnergy Over 360 hours Seasonal Energy First 180 hours	14,628 - 9,065 - 3,770,931 2,624,172 11,374,342	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	90.00 7.00 - 8.47 - 0.0290 0.0260 0.0240 0.0220	\$ \$ \$ \$ \$ \$ \$ \$	102,396 - 76,781 - 109,357 68,228 272,984	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand All Energy First 180 hours All Energy Next 180 hours ExcessEnergy Over 360 hours Seasonal Energy First 180 hours All Energy First 180 hours	14,628 - 9,065 - 3,770,931 2,624,172 11,374,342 - 1,512,963	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	90.00 7.00 - 8.47 - 0.0290 0.0260 0.0240 0.0220 0.0300	* * * * * * * * * * *	102,396 - 76,781 - 109,357 68,228 272,984 - 45,389	
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30	Regular Use Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand  All Energy First 180 hours All Energy Next 180 hours ExcessEnergy Over 360 hours Seasonal Energy First 180 hours All Energy First 180 hours All Energy Next 180 hours All Energy Next 180 hours	14,628 - 9,065 - 3,770,931 2,624,172 11,374,342 - 1,512,963 905,093	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	90.00  7.00 - 8.47 -  0.0290 0.0260 0.0240 0.0220 0.0300 0.0260	* * * * * * * * * * * * * * * * * * * *	102,396 - 76,781 - 109,357 68,228 272,984 - 45,389 23,532	
Sheet No. 65  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Demand charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use Regular Use  Base Billing Demand Seasonal Billing Demand Billing Demand Seasonal Billing Demand All Energy First 180 hours All Energy Next 180 hours ExcessEnergy Over 360 hours Seasonal Energy First 180 hours All Energy First 180 hours	14,628 - 9,065 - 3,770,931 2,624,172 11,374,342 - 1,512,963	** *** * * * * * * * * * * * * * * * * *	90.00 7.00 - 8.47 - 0.0290 0.0260 0.0240 0.0220 0.0300	* * * * * * * * * * *	102,396 - 76,781 - 109,357 68,228 272,984 - 45,389	\$ 707,393

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Sheet No. 65	MO737						
Customer Charge							
	Regular Use	27	\$	274.00	\$	7,428	
Summer 6/1 to 9/30	Regular Use	9	\$	274.00	\$	2,431	
Demand charge	e ter						
Winter 10/1 to 5/31	Base Billing Demand	99,200	\$	6.83	\$	677,536	
Winter 10/1 to 5/31	Seasonal Billing Demand	•	\$	-	\$	-	
Summer 6/1 to 9/30	Billing Demand	71,821	\$	8.26	\$	593,241	
Summer 6/1 to 9/30	Seasonal Billing Demand	•	\$	5.40	\$	-	
Energy charge							
Winter 10/1 to 5/31	All Energy First 180 hours	20,036,194	¢	0.0283	\$	566,624	
Winter 10/1 to 5/31	All Energy Next 180 hours	11,934,442	\$	0.0254	\$	302,538	
Winter 10/1 to 5/31	ExcessEnergy Over 360 hours	3,500,521		0.0234	\$	81,912	
Winter 10/1 to 5/31	Seasonal Energy First 180 hours	3,300,021	\$	0.0215	\$	01,012	
Summer 6/1 to 9/30	All Energy First 180 hours	11,390,996	\$	0.0213	\$ \$	333,187	
Summer 6/1 to 9/30	All Energy Next 180 hours		φ \$	0.0253	\$ \$	149,276	
Summer 6/1 to 9/30	ExcessEnergy Over 360 hours	5,888,589	•	0.025 <del>4</del> 0.0215	\$ \$	73,443	
Summer out to a source.	Total per Tariff Sheet	3,423,910	Ψ	0.0215	Ф	73,443	\$ 2,787,616
	Total per Tarili Sileet	56,174,652	=				\$ 2,707,010
Municipal Water P	umning and Special Street Lie	ahtina Sanjir	••				
Municipal Water Po Sheet No. 24	umping and Special Street Lig MO800	ghting Servic	e:				
	- <del>-</del> -	ghting Servic	e				
Sheet No. 24	- <del>-</del> -	ghting Servic		7.00	\$	9,905	
Sheet No. 24 Customer Charge	MO800		\$	7.00 7.00	\$ \$	9,905 4,956	
Sheet No. 24  Customer Charge Winter 10/1/10 5/3/1 Summer 6/1 to 9/30	MO800  Regular Use	1,415	\$			•	
Sheet No. 24  Customer Charge Winter 10/1 to 5/3/1 Summer 6/1 to 9/30  Energy charge	MO800  Regular Use  Regular Use	1,415 708	\$	7.00	\$	4,956	
Sheet No. 24  Customer Charge Winter 10/1 to 5/3(1) Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/3(1)	MO800  Regular Use  Regular Use  First 0-1000 kWh	1,415 708 652,922	\$ \$	7.00	\$	4,956 41,787	
Sheet No. 24  Customer Charge Winter 10/1 to 5/31  Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31  Winter 10/1 to 5/31	MO800  Regular Use Regular Use  First 0-1000 kWh  Excess Over 1000 kWh	1,415 708 652,922 4,384,859	\$ \$	7.00 0.0640 0.0500	\$ \$ \$	4,956 41,787 219,243	
Sheet No. 24  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30	MO800  Regular Use  Regular Use  First 0-1000 kWh  Excess Over 1000 kWh  First 0-1000 kWh	1,415 708 652,922 4,384,859 290,375	\$ \$ \$ \$ \$ \$	7.00 0.0640 0.0500 0.0650	\$ \$ \$ \$	4,956 41,787 219,243 18,874	
Sheet No. 24  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30	MO800  Regular Use Regular Use  First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh Next 600-1000 kWh	1,415 708 652,922 4,384,859 290,375 640,405	\$ \$ \$ \$ \$ \$ \$	7.00 0.0640 0.0500 0.0650 0.0700	\$ \$ \$	4,956 41,787 219,243 18,874 44,828	
Sheet No. 24  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30	MO800  Regular Use Regular Use  First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh Next 600-1000 kWh Excess Over 5400 kWh	1,415 708 652,922 4,384,859 290,375 640,405 1,699,468	\$ \$ \$ \$ \$ \$ \$ \$	7.00 0.0640 0.0500 0.0650	\$ \$ \$ \$ \$	4,956 41,787 219,243 18,874	\$ 467,054
Sheet No. 24  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30	MO800  Regular Use Regular Use  First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh Next 600-1000 kWh	1,415 708 652,922 4,384,859 290,375 640,405	\$ \$ \$ \$ \$ \$ \$ \$	7.00 0.0640 0.0500 0.0650 0.0700	\$ \$ \$ \$ \$	4,956 41,787 219,243 18,874 44,828	\$ 467,054
Sheet No. 24  Customer Charge Winter 10/1 to 5/3/1 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30	MO800  Regular Use Regular Use  First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh Next 600-1000 kWh Excess Over 5400 kWh	1,415 708 652,922 4,384,859 290,375 640,405 1,699,468	\$ \$ \$ \$ \$ \$ \$ \$	7.00 0.0640 0.0500 0.0650 0.0700	\$ \$ \$ \$ \$	4,956 41,787 219,243 18,874 44,828	\$ 467,054
Sheet No. 24  Customer Charge Winter 10/1 to 5/3/1 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30	Regular Use Regular Use First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh Next 600-1000 kWh Excess Over 5400 kWh Total per Tariff Sheet	1,415 708 652,922 4,384,859 290,375 640,405 1,699,468	\$ \$ \$ \$ \$ \$ \$ \$	7.00 0.0640 0.0500 0.0650 0.0700	\$ \$ \$ \$ \$	4,956 41,787 219,243 18,874 44,828	\$ 467,054
Sheet No. 24  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30	Regular Use Regular Use First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh Next 600-1000 kWh Excess Over 5400 kWh Total per Tariff Sheet	1,415 708 652,922 4,384,859 290,375 640,405 1,699,468	\$ \$ \$ \$ \$ \$ \$ \$	7.00 0.0640 0.0500 0.0650 0.0700	\$ \$ \$ \$ \$	4,956 41,787 219,243 18,874 44,828	467,054
Customer Charge Winter 10/15 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/15 to 5/31 Winter 10/15 to 5/31 Summer 6/15 to 9/30 Summer 6/15 to 9/30 Summer 6/15 to 9/30  Municipal Park An Sheet No. 25	Regular Use Regular Use First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh Next 600-1000 kWh Excess Over 5400 kWh Total per Tariff Sheet	1,415 708 652,922 4,384,859 290,375 640,405 1,699,468	\$ \$ \$ \$ \$ \$  \(\chi_{\chi_{\chi}}	7.00 0.0640 0.0500 0.0650 0.0700	\$ \$ \$ \$ \$	4,956 41,787 219,243 18,874 44,828	\$ 467,054
Customer Charge Winter 10/15 to 5/31 Summer 6/15 to 9/30  Energy charge Winter 10/15 to 5/31 Winter 10/15 to 5/31 Summer 6/15 to 9/30 Summer 6/15 to 9/30 Summer 6/15 to 9/30  Summer 6/15 to 9/30  Customer Charge	Regular Use Regular Use  First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh Next 600-1000 kWh Excess Over 5400 kWh Total per Tariff Sheet  d Recreation Service - Single MO810  Regular Use	1,415 708 652,922 4,384,859 290,375 640,405 1,699,468 7,668,029	\$\$ \$\$\$\$\$ \$	7.00 0.0640 0.0500 0.0650 0.0700 0.0750	* * * * * *	4,956 41,787 219,243 18,874 44,828 127,460	\$ 467,054
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30  Summer 6/1 to 9/30  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use  First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh Next 600-1000 kWh Excess Over 5400 kWh Total per Tariff Sheet  d Recreation Service - Single MO810  Regular Use	1,415 708 652,922 4,384,859 290,375 640,405 1,699,468 7,668;029	\$\$ \$\$\$\$\$ \$	7.00 0.0640 0.0500 0.0650 0.0700 0.0750	* * * * * * * * *	4,956 41,787 219,243 18,874 44,828 127,460	\$ 467,054
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30 Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Customer Charge Winter 10/1 to 5/31	Regular Use Regular Use  First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh Next 600-1000 kWh Excess Over 5400 kWh Total per Tariff Sheet  d Recreation Service - Single MO810  Regular Use Regular Use	1,415 708 652,922 4,384,859 290,375 640,405 1,699,468 7,668;029	\$\$ \$\$\$\$\$ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	7.00 0.0640 0.0500 0.0650 0.0700 0.0750	* * * * * * * * *	4,956 41,787 219,243 18,874 44,828 127,460	\$ 467,054

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Summer 6/1 to 9/30       First 0-1000 kWh       386,224       \$ 0.0650       \$ 25,105         Summer 6/1 to 9/30       Next 600-1000 kWh       386,127       \$ 0.0700       \$ 27,029         Summer 6/1 to 9/30       Excess Over 5400 kWh       451,569       \$ 0.0750       \$ 33,868	Winter 10/1 to 5/31	Excess Over 1000 kWh	554,040	\$	0.0500	\$	27,702	
Summer 6/1 to 6/30   Excess Over 5400 kWh	した かき さって さんごう でないてんばん またり しょうりょう かんじ	First 0-1000 kWh	386,224	\$	0.0650	\$	25,105	
### Total per Tariff Sheet   2,449,927	Summer 6/1 to 9/30	Next 600-1000 kWh	386,127	\$	0.0700	\$	27,029	
### Total per Tariff Sheet   2,449,927	the second secon	Excess Over 5400 kWh	451,569	\$	0.0750	\$	33,868	
Customer Charge	in de la companya de	-4.36.5 ctt-		-		<del></del>		173,572
Customer Charge	Manufaired Death A		26					
Summer 6/1 to 9/30   Regular Use   600 \$ 7.00 \$ 4,200	•		'nase					
Energy charge  Winter 10/1 to 5/31	and the contract of the contra	XX daning o						
Energy charge  Whiter 10/h to 5/31	。		600	\$	7.00	\$	4,200	
Winter 10/1 to 5/31	Summer 6/1 to 9/30	Regular Use	300	\$	7.00	\$	2,100	
Winter 10/1 to 5/31								
Summer 6/1 to 9/30	Process retent in Address recognization and Control	2.5.25						
Summer 6/1 to 9/30   Next 600-1000 kWh   342,527 \$ 0.0700   \$ 23,977	THE REPORT OF THE PARTY OF THE	2017004		_	*			
Summer 6/1 to 9/30   Excess Over 5400 kWh   491,697 \$ 0.0750   \$ 36,877	THE THE SECOND S			· ·		· ·		
Street and Private Area Lighting   MONxx   Across the board increase of   25.87%	THE RESERVE OF THE PROPERTY OF THE PERSON OF	\$48,500\$		•		•		
Street and Private Area Lighting   MONxx	Summer/6/1/to19/30	inicia i Differenta.		<b>-</b> .	0.0750	\$	36,877	SATERIAL DISTORT
Number of Services   Winter 10/1 to 5/31   Summer 6/1 to 9/30   Summer		Total per Tarm Sneet	,2,7,12,1U5	<u> </u>				1//0;9//2
Number of Services   Winter 10/1 to 5/31   Summer 6/1 to 9/30   Summer	Street and Private	e Area I ighting						
Summer 6/1 to 9/30   -		<del>-</del>	Across the bo	ard	increase of		25.87%	
Energy charge Winter 10/1 to 5/31 Regular Use 28,282,914 \$ 4,763,088 Summer 6/1 to 9/30 Regular Use 13,737,505 \$ 1,574,380  Total per Tariff Sheet  Green Power 99-GP Customer Charge Winter 10/1 to 5/31 Regular Use 5 5.00 \$ -  Energy charge Winter 10/1 to 5/31 Regular Use 5 5.00 \$ -  Summer 6/1 to 9/30 Regular Use 5 5.00 \$ -	Number of Services	<b>S</b>						
Energy charge Winter 10/1 to 5/31 Regular Use 28,282,914 \$ 4,763,088 Summer 6/1 to 9/30 Regular Use 13,737,505 \$ 1,574,380  Total per Tariff Sheet  Green Power 99-GP Customer Charge Winter 10/1 to 5/31 Regular Use 5 5.00 \$ -  Energy charge Winter 10/1 to 5/31 Regular Use 5 5.00 \$ -  Summer 6/1 to 9/30 Regular Use 5 5.00 \$ -  Summer 6/1 to 9/30 Regular Use 5 5.00 \$ -	AND THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF		-					
Winter 10/1 to 5/31 Regular Use 28,282,914 \$ 4,763,088 Summer 6/1 to 9/30 Regular Use 13,737,505 \$ 1,574,380	and commenced the second of the second control of the second contr	and the second s						
Summer 6/1 to 9/30   Regular Use   13,737,505   \$ 1,574,380		Do evilor Line	00.000.044			¢	4 762 000	
Total per Tariff Sheet  ### 42,020,419  Green Power  99-GP  Customer Charge  Winter 10/1 to 5/31  Regular Use  - \$ - \$ -  Summer 6/1 to 9/30  Regular Use  - \$ 5.00  \$ -  Summer 6/1 to 9/30  Regular Use  - \$ 5.00  \$ -  Summer 6/1 to 9/30  Regular Use  - \$ 5.00  \$ -		-33 · G · Mr =						
Green Power 99-GP Customer Charge Winter:10/1:to:5/31 Regular Use Summer 6/1:to 9/30 Regular Use - \$ - \$ -  Energy charge Winter:10/1:to:5/31 Regular Use - \$ 5.00 \$ -  Summer:6/1:to:9/30 Regular Use - \$ 5.00 \$ -	Sommer of Francisco			_		Ψ	1,574,500	\$ 337 468
99-GP Customer Charge Winter:10/1/to:5/31 Regular Use - \$ - \$ - Summer 6/1 to 9/30 Regular Use - \$ 5.00 \$ - Summer 6/1 to 9/30 Regular Use - \$ 5.00 \$ -		rotal per raitil Sheet	<u> </u>	146				<u> </u>
99-GP Customer Charge Winter:10/1/to:5/31 Regular Use - \$ - \$ - Summer 6/1 to 9/30 Regular Use - \$ 5.00 \$ - Summer 6/1 to 9/30 Regular Use - \$ 5.00 \$ -								
Customer Charge         Winter:10/1 to:5/31       Regular Use       - \$ - \$ - \$ - \$         Summer 6/1 to 9/30       Regular Use       - \$ 5.00       \$ - \$         Energy charge       - \$ 5.00       \$ - \$         Winter:10/1 to:5/31       Regular Use       - \$ 5.00       \$ - \$         Summer:6/1 to:9/30       Regular Use       - \$ 5.00       \$ - \$								
Winter 10/1 to 5/31       Regular Use       - \$ - \$ - \$         Summer 6/1 to 9/30       Regular Use       - \$ - \$ - \$         Energy charge       Vinter 10/1 to 5/31       Regular Use       - \$ 5.00       \$ - \$         Summer 6/1 to 9/30       Regular Use       - \$ 5.00       \$ - \$	=							
Summer 6/1 to 9/30       Regular Use       - \$ - \$ - \$         Energy charge       - \$ 5.00       \$ - \$         Winter 10/1 to 5/31       Regular Use       - \$ 5.00       \$ - \$         Summer 6/1 to 9/30       Regular Use       - \$ 5.00       \$ - \$	. —							
Energy charge         Winter 10/1 to 5/31       Regular Use       - \$ 5.00       \$ -         Summer 6/1 to 9/30       Regular Use       - \$ 5.00       \$ -			-	\$	-	\$	-	
Winter 10/1 to 5/31       Regular Use       -       \$ 5.00       \$ -         Summer 6/1 to 9/30       Regular Use       -       \$ 5.00       \$ -	Summer 6/1 to 9/30	Regular Use	-	\$	-	\$	-	
Summer.6/1 to 9/30 Regular Use \$ 5.00 \$		elle Con						
		#88 A3 ' -	-	\$			-	
total per failit Sheet	Summer of the 9/30			_ \$	5.00	*	-	•
		rotal per Tariff Sheet	-	=				¥

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## MPS Billing Determinants on Proposed Rate Design for the TY 2002

Interdepartmental Service							
MO888							
Customer Charge							
Winter 10/1 to 5/31 Regular Use	-	\$	-	\$	-		
Winter 10/1 to 5/31 Regular Use Summer 6/1 to 9/30 Regular Use	-	\$	-	\$	-		
Minimum Bill charges				\$	-		
Energy charge							
Winter 10/1 to 5/31 Regular Use	-	\$	0.02650	\$	-		
Summer 6/1 to 9/30 Regular Use	_	\$	0.02650	\$	_		
Total per Tariff Sheet	-	:		·		\$ -	· =
TOTAL RATES	5,153,674,972	kW!	h			\$ 319,398,603	-
	3,133,014,312		11			Ψ 513,330,003	_

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#### Case No. EO-2002-384

### Light and Power Billing Determinants on Proposed Rate Design for the TY 2002

Light and Fower	Billing Determinal	its on Flohose	=u	Naie L	esigii i	Ui	uie i i	2002
Residential Genera Sheet No. 6	<i>l Use</i> MO910							
Customer Charge								
Winter 10/1 to 5/31	Regular Use	259,570	\$	10.00	;	\$	2,595,700	
Summer 6/1 to 9/30	—	129,999	\$	10.00		\$	1,299,990	
भार भारता विकास । १८८० चार स्थापिक स्थ स्थापिक स्थापिक	. 3		•			•	.,	
Energy charge								
Winter 10/1 to 5/31	្ទីFirst 0-600 kWh	117,129,082	\$	0.0600	;	\$	7,027,745	
Winter 10/1 to 5/31	Excess Over 600 kWh	47,612,567	\$	0.0490	;	\$	2,333,016	
Summer 6/1 to 9/30	First 0-600 kWh	66,550,991	\$	0.0600	;	\$	3,993,059	
Summer 6/1 to 9/30	Next 600-1000 kWh	31,114,443	\$	0.0650	;	\$	2,022,439	
Summer 6/1 to 9/30	Excess Over 1000 kWh	40,409,074	\$	0.0700	_	\$	2,828,635	
	Total per Tariff Sheet	302,816,157	<u> </u>					\$ 22,100,584
Residential Genera Sheet No. 6	i <b>l Use-Multiple Occupa</b> MO911	ncy Bldg.						
0 ( 0		-						
Customer Charge			_			_		
Winter 10/1 to 5/31		4,203	\$	10.00		\$	42,030	
Summer 6/1 to 9/30	Regular Use	2,097	\$	10.00	;	\$	20,970	
Engrave aboves								
Energy charge Winter 10/1 to 5/31	First 0-600 kWh	1,380,301	\$	0.0600		\$	82,818	
Winter 10/1 to 5/31	Excess Over 600 kWh	57,731		0.0490		Ψ \$	2,829	
Summer 6/1 to 9/30	First 0-600 kWh	949,131	\$	0.0600		\$	56,948	
Summer 6/1 to 9/30	Next 600-1000 kWh	98,890	-	0.0650		\$	6,428	
Summer 6/1 to 9/30.	Excess Over 1000 kWh	30,471	\$	0.0700		\$	2,133	
kan kena wennen manan kata kata kena handa kan kena da kena da kata kena kena da kena da kena da kena da kena Kena kena kena da kena	Total per Tariff Sheet	2,516,524	<b>-</b> . '	5.5.55	_	•	2,750	\$ 214,156
			=					di como
Residential Service Sheet No. 8	e - with Electric Space MO920	Heating						
Customer Charge								
Winter 10/1 to 5/31	Regular Hee	107,880	¢	15.00		\$	1,618,200	
Summer 6/1 to 9/30	i. •	54,127		15.00		Ψ \$	811,905	
Salimbilal and and sales	A. Cagallai Coo		Ψ	,5.00		*	Ģ i i₁000	
Energy charge								
	First 0-600 kWh	60,342,578	\$	0.0600		\$	3,620,555	
Winter 10/1 to 5/31	Excess Over 600 kWh	32,798,907	-	0.0380		\$	1,246,358	
Winter 10/1 to 5/31	Excess Over 1000 kWh	109,984,293		0.0220		\$	2,419,654	•
Summer 6/1 to 9/30	First 0-600 kWh	29,410,106		0.0600		\$	1,764,606	
Summer 6/1 to 9/30	Excess Over 600 kWh	15,044,445	\$	0.0650		\$	977,889	
Summer 6/1 to 9/30	Excess Over 1000 kWh	28,488,506	_ \$	0.0700		\$	1,994,195	

276,068,835

\$ 14,453,363

Total per Tariff Sheet

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Residential Genera Sheet No. 6	nl Use with Electric Spa MO921	ace Heating-Multi	ple	Оссир	oancy Bldg	<b>j.</b>	
	Regular Use Regular Use	5,666 2,749	\$ \$	15.00 15.00	\$ \$		
Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30	First 0-600 kWh Excess Over 600 kWh Excess Over 1000 kWh First 0-600 kWh Excess Over 600 kWh Excess Over 1000 kWh Total per Tariff Sheet	3,160,043 1,317,493 911,258 1,511,637 275,179 38,263	\$ \$ \$ \$	0.0600 0.0380 0.0220 0.0600 0.0650 0.0700	\$ \$ \$ \$	50,065 20,048 90,698 17,887	497,203
Residential Service Sheet No. 10	e <b>- with Electric Water</b> MO913	Heating		•			
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use	55,808 27,932	\$	10.00 10.00	\$ \$		
Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30 Summer 6/1 to 9/30	First 0-600 kWh Excess Over 600 kWh First 0-600 kWh Next 600-1000 kWh Excess Over 1000 kWh Total per Tariff Sheet	28,807,473 23,818,585 14,946,697 7,499,531 10,614,992	\$ \$ \$	0.0600 0.0490 0.0600 0.0650 0.0700	\$ \$ \$ \$	1,167,111 896,802 487,470	\$ 5,860,280
Residential Service Sheet No. 10	e - with Electric Water MO914	Heating - Multi O	CCL	ıpancy	Bldg.		
Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	en -	87 43	\$ \$	10.00 10.00	\$		
Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30	Excess Over 600 kWh First 0-600 kWh	48,455 10,384 25,235	\$ \$	0.0600 0.0490 0.0600	9	5 509 5 1,514	
Summer 6/1 to 9/30	Next 600-1000 KVVn	10,381	\$	0.0650	\$	675	

## Case No. EO-2002-384

Summer 6/1 to 9/30						
	Excess Over 1000 kWh  Total per Tariff Sheet	3,086	\$ 0.0700		216	
						The second secon
Residential Service	e - Other Use					
Sheet No. 11.2	MO915					
Customer Charge	<b>ĕ</b> ∧ <b>−</b>					
Winter 10/1 to 5/31 Summer 6/1 to 9/30	Regular Use Regular Use	12,614	\$10.00	\$	126,140	
Cathanaum Provincia ya minantanan ila ambanamanan alamanan	megual Ose	6,345	\$10.00	\$	63,450	
Energy charge	9.55°-11°					
Winter 10/1 to 5/31	CONTRACT CON	3,165,259	\$0.0600	\$	189,916	
Summer 6/1 to 9/30	Total per Tariff Sheet	1,834,703 4,999,962	\$0.0700		128,429	\$ 507,935
	rotal per railli Offeet	4,333,302				\$
Residential Service Sheet No. 29	e - Separate Meter -Spa	ace Heating/Water	Heating			
Sileet No. 29	MO922					
Customer Charge						
Winter 10/1 to:5/31	Regular Use	736	\$ 7.91	\$	5,822	
Summer 6/1 to 9/30 F	Regular Use	369	\$ 7.91	\$	2,919	
Energy charge						
Energy charge Winter 10/1 to 5/31	All kWh	349,037	\$0.0220	\$	7,679	
A SECURITION OF THE PROPERTY O	All kWh	349,037 119,495	\$0.0220 \$0.0600	\$ \$	7,679 7,170	
Winter:10/1 to 5/31			•			<u>\$</u> 23,589
Winter:10/1/to 5/31	All kWh	119,495	•			\$ 23,589
Winter:10/1 to 5/31	All kWh Total per Tariff Sheet	119,495	•			<b>\$</b> \$\$ 23,589
Winter 10/1 to 5/31 Summer 6/1 to 9/30	All kWh Total per Tariff Sheet	119,495	•			<b>集</b> 23,589
Winter 10/1 to 5/31 Summer 6/1 to 9/30 General Service - Sheet No. 12	All kWh Total per Tariff Sheet  Limited Demand	119,495	•			\$ 23,589
Winter 10/1 to 5/31 Summer 6/1 to 9/30  General Service -	All kWh Total per Tariff Sheet  Limited Demand NO930	119,495	\$0.0600		7,170	<b>15 23,589</b>
Winter 10/1 to 5/31 Summer 6/1 to 9/30  General Service - Sheet No. 12  Customer Charge Winter 10/1 to 5/31	All kWh Total per Tariff Sheet  Limited Demand NO930	119,495 468;532	\$0.0600 \$ 13.84	\$		23,589
Winter 10/1 to 5/31 Summer 6/1 to 9/30  General Service - Sheet No. 12  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	All kWh Total per Tariff Sheet  Limited Demand NO930  Regular Use	119,495 468,532 25,741	\$0.0600 \$ 13.84	\$	7,170 356,255	23,589
Winter 10/1 to 5/31 Summer 6/1 to 9/30  General Service - Sheet No. 12  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge	All kWh Total per Tariff Sheet  Limited Demand NO930  Regular Use Regular Use	119,495 	\$0.0600 \$ 13.84 \$ 13.84	\$ \$ \$	7,170 356,255 178,135	23,589
Winter 10/1 to 5/31 Summer 6/1 to 9/30  General Service - Sheet No. 12  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30	All kWh Total per Tariff Sheet  Limited Demand NO930  Regular Use Regular Use	119,495 	\$0.0600 \$ 13.84	\$ \$ \$	356,255 178,135 586,073	\$ 23,589
Winter 10/1 to 5/31 Summer 6/1 to 9/30  General Service - Sheet No. 12  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30	All kWh Total per Tariff Sheet  Limited Demand NO930  Regular Use Regular Use First 0-1000 kWh	119,495 	\$0.0600 \$ 13.84 \$ 13.84 \$0.0600	\$ \$ \$	7,170 356,255 178,135	23,589
Winter 10/1 to 5/31 Summer 6/1 to 9/30  General Service - Sheet No. 12  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30 Summer 6/1 to 9/30	All kWh Total per Tariff Sheet  Limited Demand NO930  Regular Use Regular Use First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh Next 1000-5400 kWh	25,741 12,871 9,767,886 6,032,143 4,892,643 2,373,858	\$0.0600 \$13.84 \$13.84 \$0.0600 \$0.0530 \$0.0600 \$0.0650	\$ \$ \$ \$	7,170 356,255 178,135 586,073 319,704 293,559 154,301	\$ 23,589
Winter 10/1 to 5/31 Summer 6/1 to 9/30  General Service - Sheet No. 12  Customer Charge Winter 10/1 to 5/31 Summer 6/1 to 9/30  Energy charge Winter 10/1 to 5/31 Winter 10/1 to 5/31 Summer 6/1 to 9/30	All kWh Total per Tariff Sheet  Limited Demand NO930  Regular Use Regular Use First 0-1000 kWh Excess Over 1000 kWh First 0-1000 kWh	119,495 	\$0.0600 \$13.84 \$13.84 \$0.0600 \$0.0530 \$0.0600	\$ \$ \$ \$ \$	7,170 356,255 178,135 586,073 319,704 293,559	\$ 1,918,153

#### Case No. EO-2002-384

General Service - Sheet No. 13	General Use MO931						
Customer Charge							
Winter 10/1 to 5/31	∂∛Regular Use	11,035	\$	38.42	,	\$ 423,968	5
Summer 6/1 to 9/30		5,517		38.42		\$ 423,960 \$ 211,960	
, -, m, m, o, o, r, ko o, oo _, m,	S. Hogeldi Odd	0,011	Ψ	30.42	`	p 211,90.	,
Demand Charge							
	All kW of Billing Demand	214,410	\$	2.26		\$ 484,56	7
	All kW of Billing Demand	80,552		4.25		\$ 342,340	
STATE OF THE PARTY	Sy ta ter or baning bornard	00,032	Ψ	7.20	•	p 342,340	,
Energy charge							
Winter 10/1 to 5/31	First 180 kWh's per Actual kW	18,948,051		\$0.0360	,	682,130	`
Winter:10/1 to 5/31	Excess kWh's	6,496,342		\$0.0280		\$ 181,898	
Summer 6/1 to 9/30	First 180 kWh's per Actual kW	11,971,697		\$0.0360		\$ 430,98°	
Summer 6/1 to 9/30	Excess kWh's	5,409,298		\$0.0280		5 450,98 6 151,460	
e tilbulgimas (de each back leavener liber destitution) i	· · · · · · · · · · · · · · · · · · ·	42,825,388		φυ.υ200		131,400	\$ 2,909;309
	rotal per railli offeet	/A 2,020,300	<u>85</u>				<b>4</b> 2,808,508
Sheet No. 14  Service Charge for e Winter: 10/1 to: 5/3/1 Summer: 6//1 to: 9/30  Energy charge Winter: 10/1/to: 5/3/1 Winter: 10/1/to: 5/3/1 Summer: 6//1 to: 9/30 Summer: 6//1 to: 9/30	Regular Use	2,306 1,153 1,607,751 1,414,301 695,546 513,405 12,019	\$ \$	13.84 13.84 \$0.0600 \$0.0530 \$0.0600 \$0.0650 \$0.0700	\$ \$ \$	\$ 31,918 \$ 15,958 \$ 96,468 \$ 74,958 \$ 41,733 \$ 33,37	5 3 3
General Service - Sheet No. 15	With Electric Space Heati MO933	ing					
Customer Charge							
Winter 10/1 to 5/31	ୁ:Regular Use	4,854	\$	38.42	;	\$ 186,49°	1
	Regular Use	2,427	,	38.42		93,24	
to the second of	<u> </u>	-, · <del>-</del> ·	_	- 37 1-		,	
Demand Charge							
	and Sall kW of Billing Demand	92,062	\$	2.26		\$ 208,060	)
The second secon	All kW of Billing Demand	29,367		4.25		124,810	
and the second distribution in	and the second second	20,001	*	1,20	·	- 1501	-
Energy charge							
	First 180 kWh's per Actual kW	9,938,155		\$0.0360	!	\$ 357,77	4
the second second subtractions in the Second Throat The Second Se	20.5	3,500,700		+	·	- ~~.,,,	•

**Customer Charge** 

Winter 10/1 to 5/31 Regular Use Summer 6/1 to 9/30 Regular Use

#### Case No. EO-2002-384

## Light and Power Billing Determinants on Proposed Rate Design for the TY 2002

S	9				.5		
Winter 10/1 to 5/31	Excess kWh's	3,788,984		\$0.0280	\$	106,092	
Summer 6/1 to 9/30	First 180 kWh's per Actual kW	4,506,462		\$0.0360	\$	162,233	
Summer 6/1 to 9/30	Excess kWh's	2,099,477		\$0.0280	\$	58,785	
	Total per Tariff Sheet	20,333,078	:			•	\$ . 1,297,489
General Service - S Sheet No. 18	School and Church Serve MO934	ice					
Customer Charge Winter 10/1 to 5/31	ÖD-miles Hes	0.100		40.04			
	Regular Use	2,532	-	13.84	\$	35,043	
Summer 6/1 to 9/30	Regular Use	1,266	\$	13.84	\$	17,521	
Energy charge	n iga						
Winter 10/1 to 5/31	First 0-1000 kWh	1,510,364		\$0.0600	\$	90,622	
Winter,10/1, to:5/3/1	Excess Over 1000 kWh	1,395,988		\$0.0530	\$	73,987	
Summer 6/1 to 9/30	First 0-1000 kWh	882,024		\$0.0600	\$	52,921	
Summer 6/1 to 9/30 (3)	Next 1000-5400 kWh	1,029,679		\$0.0650	\$	66,929	
Summer 6/1/to 9/30	Excess Over 5400 kWh	445,182	,	\$0.0700	\$	31,163	
	Total per Tariff Sheet	5;263;237					\$ 368,187
Small General Ser MO940 rate switchers							
Customer Charge Winter 10/1 to 5/31	ু Regular Use	5.044	•	00.40	*	000.070	
Summer 6/1 to 9/30	Regular Use	5,814 2,916		38.42 38.42	\$ \$	223,378 112,021	
Summer Office areas	regular Use	2,910	Ф	36.42	<b>D</b>	112,021	
Demand Charge	iai						
Winter 10/1 to 5/31	All kW of Billing Demand	268,102		2.26	\$	605,910	
Summer 6/1 to 9/30	All kW of Billing Demand	143,336	\$	4.25	\$	609,178	
Energy charge							
Winter 10/1 to 5/31	First 180 kWh's per Actual kW	39,054,260		\$0.0360	\$	1,405,953	
Winter 10/1 to 5/31	Excess kWh's	25,494,650		\$0.0280	\$	713,850	
Summer 6/1 to 9/30	First 180 kWh's per Actual kW	22,098,352		\$0.0360	\$	795,541	
Summer 6/1 to 9/30	Excess kWh's	18,317,979		\$0.0280	\$	512,903	
	Total per Tariff Sheet	104,965,241	_				\$ 4,978,734
Largo Conoral Car	wica-Conandam Camila-	/ 100 kW minim		ml			
Sheet No. 19	vice-Secondary Service MO940	( TOO KAN UUUUU	ul	11 <i>)</i>			
SHEEL NO. 13	WIC340						

2,786 \$

1,384 \$

54.00

54.00

150,438 74,752

Demand charge

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### Light and Power Billing Determinants on Proposed Rate Design for the TY 2002

Demand charge							
Winter 10/1 to 5/31	All kW of Billing Demand	473,167	\$	5.00	\$	2,365,837	
Summer 6/1 to 9/30	All kW of Billing Demand	266,248	\$	7.47	\$	1,988,873	
Primary Discount Ric	ler				\$	-	
EDR Credit					\$	(14,993)	
Misc Fees					\$	7,941	
<b>Curtailment Credit</b>					\$	(4,734)	
Energy charge							
Winter 10/1 to 5/31	First 180 kWh's per Actual kW	87,357,347		\$0.0240	\$	2,096,576	
Winter 10/1 to 5/31	Next 180 kWh's per Actual kW	49,664,272		\$0.0220	\$	1,092,614	
Winter 10/1 to 5/31	Excess kWh's	22,047,044		\$0.0200	\$	440,941	
Summer 6/1 to 9/30	First 180 kWh's per Actual kW	46,742,561		\$0.0240	\$	1,121,821	
Summer 6/1 to 9/30	Next 180 kWh's per Actual kW	29,809,977		\$0.0220	\$	655,819	
Summer 6/1 to 9/30	Excess kWh's	18,329,686		\$0.0200	\$	366,594	
A MANAGE A MANAGE AT A TOTAL AND A TOTAL AND A MANAGE AND A MANAGE AND AND A MANAGE AND AND A MANAGE AND AND A	Total per Tariff Sheet	🧦 🎉 253,950,887					\$ 10,342,480
	=		=				
Large General Ser	vice-Primary Service ( 100	) kW minimun	n)				
Sheet No. 19	MO943		•				
Customer Charge							
Winter 40/1 to 5/31	Regular Use	40	\$	140.50	\$	5,620	
Summer 6/1 to 9/30	Regular Use	20	\$	140.50	\$	2,810	
	togular ooo	20	•	1 10.00	•	2,0.0	
Demand charge							
	All kW of Billing Demand	4,333	\$	4.88	\$	21,145	
	All kW of Billing Demand	2,577	•	7.28	\$	18,761	
Primary Discount Ric	SAME -	2,011	Ψ	1,20	\$	10,701	
EDR Credit	1C1				\$	_	
Misc Fees					\$	50,605	
Curtailment Credit					\$	00,000	
Energy charge					•		
Winter 10/1 to 5/31	First 180 kWh's per Actual kW	782,304		\$0.0234	\$	18,306	
Winter 10/1 to 5/31	Next 180 kWh's per Actual kW	673,003		\$0.0234	\$	14,470	
Winter 10/1 to 5/31	Excess kWh's	258,754		\$0.0215 \$0.0195	\$ \$	5,046	
Summer 6/1 to 9/30	First 180 kWh's per Actual kW	400,178		\$0.0234	\$	9,364	
Summer 6/1 to 9/30	Next 180 kWh's per Actual kW	299,560		\$0.0234 \$0.0215	\$	6,441	
	Excess kWh's	•			\$ \$	282	
Summer 6/1 to 9/30		14,444 2,428,243	-	\$0.0195		202	\$ 152,848
	TOTAL PEL TALIN SHEEL						1. P. 2. 2. 2. 2. 1940 -

### Large Power Service-Secondary (500 kW minimum)

Sheet No. 21

MO944

<b>Facilities</b>	kW	Ch	агае
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Winter 10/1 to 5/31 First 500 Facilities kW	410	\$ 650.00	\$ 266,500
Winter 10/1 to 5/31 First 500 Facilities kW Winter 10/1 to 5/31 All over 500 kW Facilities kW	658,380	\$ 1.10	\$ 724,218

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#### Light and Power Billing Determinants on Proposed Rate Design for the TY 2002

Summer 6/1 to 9/30 First 500 Facilities kW	206	\$	650.00	\$ 133,900	
Summer 6/1 to 9/30 All over 500 kW Facilities kW	317,185	\$	1.10	\$ 348,904	
Demand charge					
Winter 10/1 to 5/31 kW < Prev Summer Peak kW	688,147	\$	3.32	\$ 2,284,648	
Winter 10/1 to 5/31 Each kW > Prev Summer Peal	38,708		\$0.2700	\$ 10,451	
Summer 6/1 to 9/30 All kW of Billing Demand	382,041	\$	6.74	\$ 2,574,956	
Primary Discount Rider	-	\$	(0.56)	\$ -	
EDR Credit				\$ (367,955)	
Misc Fees				\$ 26,694	
Curtailment Credit				\$ (11,880)	
Energy charge					
Winter 10/1 to 5/31 For each "on-peak" kWh's	171,276,258		\$0.0270	\$ 4,624,459	
Winter 10/1 to 5/31 For each "off-peak" kWh's	182,840,201		\$0.0220	\$ 4,022,484	
Summer 6/1 to 9/30 For each "on-peak" kWh's	77,371,328		\$0.0330	\$ 2,553,254	
Summer 6/1 to 9/30 For each "off-peak" kWh's	116,862,187		\$0.0250	\$ 2,921,555	
Total per Tariff Sheet	548;349;974	,			\$ 20,112,188
=		=			<del></del>

### Large Power Service-Primary (500 kW minimum)

Sheet No. 21

MO945

Facilities kW Charge	•
Winter/10/1/to 5/3/1	First 500 Facilities kW

The transport of the Control of the						
Winter 10/1 to 5/31 All over 500 kW Facilities kW	83,850	\$	1.10	\$	92,235	
Summer 6/1/to 9/30 First 500 Facilities kW	22	\$	650.00	\$	14,300	
Summer 6/1 to 9/30 All over 500 kW Facilities kW	45,893	\$	1.10	\$	50,482	
Demand charge						
Winter 10/1 to 5/31 kW < Prev Summer Peak kW	85,807	\$	3.24	\$	278,015	
Winter 10/1 to 5/31 Each kW > Prev Summer Pea	l 1,717		\$0.2700	\$	464	
Summer 6/1 to 9/30 All kW of Billing Demand	51,854	\$	6.57	\$	340,681	
Primary Discount Rider	-	\$	-	\$	-	
EDR Credit				\$	(171,998)	
Misc Fees				\$	-	
Curtailment Credit				\$	-	
Energy charge						
Winter 10/1 to:5/31 For each "on-peak" kWh's	18,351,284		\$0.02633	\$	483,098	
Winter 10/1 to 5/31 For each "off-peak" kWh's	18,290,332		\$0.02145	\$	392,328	
Summer 6/1 to 9/30 For each "on-peak" kWh's	9,260,518		\$0.03218	\$	297,957	
Summer 6/1 to 9/30 For each "off-peak" kWh's	13,569,887		\$0.02438	_\$	330,766	
Total per Tariff Sheet	59,472,021	T.			<del></del>	\$ , 2,133,027

38 \$ 650.00

24,700

Non-Residential Service - Separate Meter -Space Heating/Water Heating Sheet No. 30 MO941

Service Charge for each bill

#### Case No. EO-2002-384

g aa . o.		o on a ropodo.		,			
Winter_10/1 to 5/31	্বি ুRegular Use	842	\$7.20	\$	6,062		
Summer 6/1 to 9/30	Regular Use	422	\$7.20	\$	3,038		
Enougy aboves							
Energy charge Winter 10/4 to 5/31	All kWh	2,064,786	\$0.0530	¢	109,434		
Summer 6/1 to 9/30	66 . (f)	626,676	\$0.0600	\$ \$	37,601		
er minigian and anomiga.	Total per Tariff Sheet	2,691,462	40.0000		100,10	\$	156,135
	·					<u> </u>	
Private Area Lig Sheet No.	ıhting	Across the Board	d 7 5% Decrease		92.5000%		
oncerno.		Across the board	a 7.5% Decrease		82.000070		
Number of Service Winter 10/1/10 5/31 Summer 6/1 to 9/30		<u>.</u>					
Energy charge							
Winter 10/1 to 5/3/1 Summer 6/1 to 9/30	**************************************	14,380,951		\$	1,433,616		
Summer o/ Ixto 9/30:	Regular Use Total per Tariff Sheet	4,788,501 19,169,452		\$	479,569	\$	1,913,185
	Total per raini enece	19,103,432				<u> </u>	1,913,103
Outdoor Night L Sheet No. 28.1	<b>.ighting</b> MO971	Across the Board	d 7.5% Decrease	ı	92.5000%		
Service Charge fo	or each bill						
Each Bill' 🕏 🔻 👢		<b>-</b> :	\$ 4.00	\$	2,090		
Each Bill			\$ 4.00	\$	-		
Energy charge Winter 10/1/to 5/31	THE TAXABLE AND LAND	000 570		•	40.400		
Summer 6/4 to 9/30	* F. T&M& - 1.	•	\$ 0.0660 \$ 0.0660	\$ \$	12,428 13,331		
Description of the second seco	Total per Tariff Sheet	421,935	φ 0.0000		10,001	\$	27,849
	,					-	
Private Area Lig	ahtina						
Sheet No. 27	MO972	Across the Board	d 7.5% Decrease	!	92.5000%		
Normalian - 50 - 1							
Number of Servic	es ವಿಷ್ಣಾಪ್ Secondary meter base install,per	74 747		æ	709		
Each Bill	Secondary meter base install, per			\$	เกล		
Misc Fees	Million and the Control of the Contr	· <del>-</del>		\$	1,365		
Energy charge	t eta d						
Winter 10/1 to 5/31	Say, 1831	•	\$ 0.0340	\$	19,336		
Summer 6/1 to 9/30	e Normalia - T		\$ 0.0340	\$	7,963	_	
	Total per Tariff Sheet	868,028				\$	29,374

Case No. EO-2002-384

Light and Power Billing Determinants on Proposed Rate Design for the TY 2002

Sheet No. 25.2	MO973	Across the Boa	rd 7	7.5% Decreas	e	92.5000%	
Service Charge for	each bill						
Each Month	Secondary meter base instal	ll,perr 260	\$	1.71	\$	411	
	Meter Installation with CT's,p		\$	2.95	\$	-	
Energy charge							
:Winter:10/1 to 5/31	All kWh	428,207	\$	0.0410	\$	16,240	
Summer 6/1 to 9/30	All kWh	206,907	\$	0.0410	\$	7,847	
part of a contraction of a partial party of the contraction of the party of the contraction of the contracti	Total per Tariff Sheet	635,114	•				\$ 24,498
			=				
				·			

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