

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

RECEIVED-FPSC

11 NOV 29 AM 10:50

-M-E-M-O-R-A-N-D-U-M-

COMMISSION
CLERK

DATE: November 28, 2011
TO: Ann Cole, Commission Clerk, Office of Commission Clerk
FROM: Connie S. Kummer, Chief of Certification & Tariffs, Division of Economic Regulation *CK*
RE: Tariff revisions by City of Lakeland Electric Utility *110000-07*

The City of Lakeland submitted a package containing several tariff revisions directly to me. Please place the attached copy of the filing in the undocketed file. Thank you.

DOCUMENT NUMBER-DATE

08658 NOV 29 =

FPSC-COMMISSION CLERK



November 15, 2011

Ms. Connie Kummer
Florida Public Service Commission
Division of Electric Regulation
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

RE: Revised Electric Rate Tariff of Lakeland Electric, City of Lakeland

Dear Ms. Kummer:

Enclosed are an original and four copies of the revised sheet to the Electric Rate Tariff of Lakeland Electric, City of Lakeland, in final format and one original in legislative format. All rate changes are pending before the City of Lakeland City Commission with passage anticipated on November 21, 2011. First Customer bills under the new rates are not expected before January 1, 2012.

The City of Lakeland recently concluded its 2011 Rate Study. As a result the City of Lakeland City Commission decided to not proceed with a general rate adjustment. The completed cost of service and rate design does support the following:

- Smart Grid Time-of-Day rate schedules for a market trial offering a three-period rate design
- Large Demand Interruptible Time-of-Day rate
- Time-of-Day charging rate for electric vehicles

Smart Grid trial rates are part of a market study of customer behavior in response to price and rate design. The length of the On-Peak period is shortened and the hours generally become the Mid-Peak period subject to mid-range pricing. Initially, only Residential Customers will be invited to participate in the optional three-period rate. The market trial is set for two years beginning January 2012. Fuel Charge rates will be expanded to create three-period pricing.

- Rate Schedule RST-1, Shift to Save Residential Service Trial Period Optional Time-of-Day
- Rate Schedule GST-1, General Service Trial Period Optional Time-of-Day
- Rate Schedule GSDT-1, General Service Demand Trial Period Optional Time-of-Day
- Rate Schedule GSLDT-1, General Service Large Demand Trial Period Optional Time-of-Day
- Rate Schedule BA-1, Fuel Charge

A new Interruptible rate schedule is created for those Time-of-Day customers who meet the minimum load requirements of 7500 KW and 95% load factor. Other service provisions mirror those of the existing Interruptible rate schedule.

- Rate Schedule LDISX-1, Large Demand Interruptible Rate Option Time-Of-Day

In preparation for the system demands of electric vehicle charging, Lakeland Electric, City of Lakeland, is issuing a new Time-of-Day rate schedule. Residential Customers and Small Commercial (General Service) Customers charging an electric vehicle at greater than 120 volts

501 E. Lemon St. ♦ Lakeland, Florida 33801
Phone: 863.834.6300 ♦ Fax: 863.834.6344

DOCUMENT NUMBER-DATE

08658 NOV 29 =

FPSC-COMMISSION CLERK



Jeff Sprague
November 15, 2011

will be required to take charging service under this new rate schedule. The On-Peak and Off-Peak periods and prices are specifically tailored to encourage Off-Peak charging.

- Rate Schedule PEV, Plug-In Electric Vehicle Service Time-of-Day

Administrative changes are made to several rate schedules to a) bring existing photovoltaic interconnection agreements into the tariff, b) recognize collection of franchise fees, and c) update list of rate schedules not paying Smart Grid charge.

- Rate Schedule NM, Net Metering Service
- Rate Schedule NMIR, Interconnection Requirements for Photovoltaic Systems
- Rate Schedule NMHH, Hold Harmless/Indemnification Agreement
- Rate Schedule NMAC, Application and Compliance Form
- Rate Schedule BA-2, Tax and Surcharge Adjustment
- Rate Schedule RS, Residential Service
- Rate Schedule RSX-1, Shift to Save Residential Service Optional Time-of-Day
- Rate Schedule BA-5, Smart Grid Project Implementation

Any questions should be directed to my attention at 863-834-6522 or by e-mail.

Respectfully,

A handwritten signature in black ink, appearing to read "JRSprague", is written over a horizontal line.

Jeffrey R. Sprague
Manager Pricing & Rates

jeffrey.sprague@lakelandelectric.com

Enclosures



Jeff Sprague
November 15, 2011

Enclosure A

The Electric Rate Tariff pages included in this filing and the revision levels are:

- Sheet No. 2.0, Eighth Revised
- Sheet No. 5.0, Twenty-First Revised
- Sheet No. 5.1, Third Revised
- Sheet No. 6.0, Seventeenth Revised
- Sheet No. 6.1, Fifteenth Revised
- Sheet No. 6.1.1, Ninth Revised
- Sheet No. 6.2, Eighth Revised
- Sheet No. 6.2.1, Fifth Revised
- Sheet No. 7.1.3, Original
- Sheet No. 7.1.4, Original
- Sheet No. 7.4, Sixth Revised
- Sheet No. 7.4.1, Sixth Revised
- Sheet No. 7.4.2, Fourth Revised
- Sheet No. 8.1.3, Original
- Sheet No. 8.1.4, Original
- Sheet No. 8.1.5, Original
- Sheet No. 8.8, Original
- Sheet No. 8.8.1, Original
- Sheet No. 8.8.2, Original
- Sheet No. 8.8.3, Original
- Sheet No. 10.0, Original
- Sheet No. 10.0.1, Original
- Sheet No. 10.0.2, Original
- Sheet No. 11.0, Eighth Revised
- Sheet No. 11.0.1, Fifth Revised
- Sheet No. 14.0, Fifteenth Revised
- Sheet No. 14.0.1, Fourth Revised
- Sheet No. 14.1, Sixth Revised
- Sheet No. 14.4, First Revised
- Sheet No. 16.1, First Revised
- Sheet No. 16.1.1, Original
- Sheet No. 16.2, First Revised
- Sheet No. 16.2.1, Original
- Sheet No. 16.3, Original
- Sheet No. 16.3.1, Original

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INDEX OF MISCELLANEOUS
FORMS, DOCUMENTS AND AGREEMENTS

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RATE SCHEDULE RS
RESIDENTIAL SERVICE

Rate RS
Page 1 of 1

Available:

In all territory served by Lakeland Electric

Applicable:

To all electric service provided to single family homes, mobile homes, or apartments where such energy usage is exclusively for residential purposes. Also, for energy used to service commonly-owned facilities in condominium and cooperative apartment buildings subject to the following requirements.

1. 100% of the energy used is exclusively for the co-owners' benefit.
 2. None of the energy is used in any endeavor which sells or rents a commodity or provides service for a fee.
 3. Each point of delivery will be separately metered and billed.
 4. A responsible legal entity is established as the Customer to whom a bill can be rendered.
- All Service hereunder will be supplied at one location through one point of delivery and measured through one meter.

Character of Service:

A-C; 60 Hertz; single phase 3 wire; 120/240 volts or 120/208 volts.

Limitation of Service:

Standby service or resale not permitted under this rate schedule.

Net Rate Per Month:

Customer Charge:	\$8.00
Energy Charge:	4.882¢ per kWh up to 1,000 kWh
	5.382¢ per kWh from 1,001 to 1,500 kWh
	5.882¢ per kWh all above 1,500 kWh

Minimum Bill: Customer charge, plus Adjustments.

Adjustments:

Fuel charge, as contained in Schedule BA-1
Florida Gross Receipts and Regulatory Tax Adjustment, as contained in Schedule BA-2
10% Utility Tax inside City limits, as contained in Schedule BA-2
10% Surcharge outside City limits, as contained in Schedule BA-2
Environmental Compliance Cost Charge as contained in Schedule BA-3
Smart Grid Project Implementation as contained in Schedule BA-5
Polk County Service Tax, as adopted by Polk County
Franchise fees levied by Customer's unit of local government

Payment:

Net bills are due when rendered and are delinquent thirty (30) days after the billing date.

Terms and Conditions:

Service hereunder is subject to the rules and regulations for electric service as adopted by Lakeland Electric from time to time and on file with the City Clerk.

RATE SCHEDULE RSX-1
SHIFT TO SAVE
RESIDENTIAL SERVICE
OPTIONAL TIME-OF-DAY

Rate RSX-1
Page 1 of 2

Available:

In all territory served by Lakeland Electric based on equipment availability.

Applicable:

To all electric service provided to single family homes, mobile homes, or apartments where such energy usage is exclusively for residential purposes. Also, for energy used to service commonly-owned facilities in condominium and cooperative apartment buildings subject to the following requirements.

1. 100% of the energy used is exclusively for the co-owners' benefit.
2. None of the energy is used in any endeavor which sells or rents a commodity or provides service for a fee.
3. Each point of delivery will be separately metered and billed.
4. A responsible legal entity is established as the Customer to whom a bill can be rendered.

All Service hereunder will be supplied at one location through one point of delivery and measured through one meter.

Character of Service:

A-C; 60 Hertz; single phase 3 wire; 120/240 volts or 120/208 volts.

Limitation of Service:

Resale not permitted under this rate schedule. Lakeland Electric reserves the right to limit the number of new customers served hereunder and service is subject to the availability of Time-of-Day metering equipment.

Net Rate Per Month:

Customer Charge: \$15.00 pre-Smart Meter

Energy Charge:

On-Peak: 11.504¢ per kWh

Off-Peak: 1.746¢ per kWh

Definitions of the Time-of-Day Periods:

All time periods stated in prevailing time.

	<u>Summer</u>	<u>Winter</u>
On-Peak Hours (Monday-Friday)	Apr. 1 - Oct. 31_ 1:01 PM - 10:00 PM	Nov. 1 - March 31 6:01 AM - 12:00 Noon and 5:01 PM - 10:00 PM

Off-Peak Hours All other weekday hours, and all hours on Saturdays, Sundays, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day shall be off-peak.

(Continued to Sheet No. 6.1.1)

RATE SCHEDULE RSX-1
SHIFT TO SAVE
RESIDENTIAL SERVICE
OPTIONAL TIME-OF-DAY

Rate RSX-1
Page 2 of 2

(Continued from Sheet No. 6.1)

Minimum Bill:

Customer Charge, plus Adjustments.

Adjustments:

Fuel charge, as contained in Schedule BA-1
Florida Gross Receipts and Regulatory Tax Adjustment, as contained in Schedule BA-2
10% Utility Tax inside City limits, as contained in Schedule BA-2
10% Surcharge outside City limits, as contained in Schedule BA-2
Environmental Compliance Cost Charge as contained in Schedule BA-3
Smart Grid Project Implementation as contained in Schedule BA-5
Polk County Public Service Tax as adopted by Polk County
Florida Sales Tax, as adopted by The State of Florida.
Franchise fees levied by the Customer's unit of local government

Payment:

Net bills are due when rendered and are delinquent within thirty (30) days after the billing date.

Terms and Conditions:

Service hereunder is subject to the rules and regulations for electric service as adopted by Lakeland Electric from time to time and on file with the City Clerk. Customers who select to take service hereunder will be required to remain on the rate for a minimum initial period of twelve (12) consecutive months which shall be automatically extended for successive periods of twelve (12) months each until terminated by written notice given by the customer or Lakeland Electric. Customer may, however, terminate sooner provided that they pay to the Electric Department the customer charge in excess of \$8.00 per month that would otherwise be payable during the remaining months of the initial terms of service, plus \$55.00 for the installation and removal of the Time-of-Day equipment.

RATE SCHEDULE RST-1
SHIFT TO SAVE
RESIDENTIAL SERVICE TRIAL PERIOD
OPTIONAL TIME-OF-DAY w/MID-PEAK PERIOD

Rate RST-1
Page 1 of 2

Available:

In all territory served by Lakeland Electric during the Smart Grid Market Trial Period.

Applicable:

To all electric service provided to single family homes, mobile homes, or apartments where such energy usage is exclusively for residential purposes. Energy used to service commonly-owned facilities in condominium and cooperative apartment buildings is subject to the following requirements:

1. 100 percent of the energy used is exclusively for the co-owners' benefit.
2. None of the energy is used in any endeavor which sells or rents a commodity or provides service for a fee.
3. Each point of delivery will be separately metered and billed.
4. A responsible legal entity is established as the Customer to whom a bill can be rendered.

All Service hereunder will be supplied at one location through one point of delivery and measured through one meter.

Character of Service:

A-C; 60 Hertz; single phase 3 wire; 120/240 volts or 120/208 volts.

Limitation of Service:

Resale not permitted under this rate schedule. Lakeland Electric reserves the right to limit the number of new customers served hereunder.

Net Rate per Month:

Customer Charge: \$8.00 per meter

Energy Charge:

On-Peak:	11.130¢ per kWh
Mid-Peak:	7.420¢ per kWh
Off-Peak:	2.435¢ per kWh

Definitions of the Time-of-Day Periods:

All time periods stated in prevailing time.

	<u>Summer</u>	<u>Winter</u>
On-Peak Hours (Monday-Friday)	Apr. 1 - Oct. 31 2:01 PM - 8:00 PM	Nov. 1 - March 31 6:01 AM - 10:00 AM
	<u>Summer</u>	<u>Winter</u>
Mid-Peak Hours (Monday-Friday)	Apr. 1 - Oct. 31 12:01 PM - 2:00 PM and 8:01 PM - 10:00 PM	Nov. 1 - March 31 10:01 AM - 12:00 Noon and 8:01 PM - 10:00 PM

(Continued to Sheet No. 6.2.1)

RATE SCHEDULE RST-1
SHIFT TO SAVE
RESIDENTIAL SERVICE TRIAL PERIOD
OPTIONAL TIME-OF-DAY w/MID-PEAK PERIOD

Rate RST-1
Page 2 of 2

(Continued from Sheet No. 6.2)

Off-Peak Hours All other weekday hours, and all hours on Saturdays, Sundays, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day shall be off-peak.

Minimum Bill:

Customer Charge, plus Adjustments.

Adjustments:

Fuel charge, as contained in Schedule BA-1
Florida Gross Receipts and Regulatory Tax Adjustment, as contained in Schedule BA-2
10 percent Utility Tax inside City limits, as contained in Schedule BA-2
10 percent Surcharge outside City limits, as contained in Schedule BA-2
Environmental Compliance Cost Charge as contained in Schedule BA-3
Smart Grid Project Implementation as contained in Schedule BA-5
Polk County Public Service Tax as adopted by Polk County
Florida Sales Tax, as adopted by The State of Florida.
Franchise fees levied by the Customer's unit of local government

Payment:

Net bills are due when rendered and are delinquent within thirty (30) days after the billing date.

Terms and Conditions:

1. Service hereunder is temporary as determined by Lakeland Electric. Upon cancellation of this rate schedule, Lakeland Electric will provide continuity of service under another applicable rate schedule.
2. Service hereunder is subject to the rules and regulations for electric service as adopted by Lakeland Electric from time to time and on file with the City Clerk.
3. Customers who terminate service under this rate schedule within the first six (6) months shall be eligible for a refund of amounts in excess of otherwise applicable charges for the period. Applicable charges for Customers returning to standard time-of-day rates will be as specified in Rate Schedule RSX-1, Residential Service Optional Time-of-Day, and charges for all other Customers will be as specified in Rate Schedule RS, Residential Service. Any Customer is eligible for this billing adjustment for only one period of up to six (6) months.
4. Customers who select to take service hereunder and subsequently terminate service shall be prohibited from returning to service hereunder for twelve (12) months unless approved by Lakeland Electric.

RATE SCHEDULE GST-1
GENERAL SERVICE TRIAL PERIOD
OPTIONAL TIME-OF-DAY w/MID-PEAK PERIOD

Rate GST-1
Page 1 of 2

Available:

In all territory served by Lakeland Electric during the Smart Grid Market Trial Period.

Applicable:

To any general service customer whose metered demand, or any general service customer without a demand meter, whose connected load does not exceed 49 kW, for more than two out of twelve (12) most recent monthly billing periods, including the current billing period. All service hereunder will be supplied at one location through one point of delivery and measured through one meter.

Character of Service:

A-C; 60 Hertz; single or three phase; 120/240 volts, 120/208 volts or any other voltage offered by Lakeland Electric.

Limitation of Service:

Resale not permitted under this rate schedule. Lakeland Electric reserves the right to limit the number of customers served hereunder and service is subject to the availability of Time-of-Day metering equipment.

Net Rate per Month:

Customer Charge:	\$10.00 per meter
Energy Charge:	
On-Peak:	13.255¢ per kWh
Mid-Peak:	7.953¢ per kWh
Off-Peak:	2.620¢ per kWh

Definitions of the Time-of-Day Periods:

All time periods stated in prevailing time.

	<u>Summer</u>	<u>Winter</u>
On-Peak Hours (Monday-Friday)	Apr. 1 - Oct. 31 2:01 PM - 8:00 PM	Nov. 1 - March 31 6:01 AM - 10:00 AM
	<u>Summer</u>	<u>Winter</u>
Mid-Peak Hours (Monday-Friday)	Apr. 1 - Oct. 31 12:01 PM - 2:00 PM and 8:01 PM - 10:00 PM	Nov. 1 - March 31 10:01 AM - 12:00 Noon and 8:01 PM - 10:00 PM
Off-Peak Hours	All other weekday hours, and all hours on Saturdays, Sundays, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day shall be off-peak.	

(Continued to Sheet No. 7.1.4)

RATE SCHEDULE GST-1
GENERAL SERVICE TRIAL PERIOD
OPTIONAL TIME-OF-DAY w/MID-PEAK PERIOD

Rate GST-1
Page 2 of 2

(Continued from Sheet No. 7.1.3)

Determination of Billing Demand:

Where charges specified in a rate schedule are based upon the measured maximum 30-minute integrated demand, it is intended that such demand shall fairly represent the capacity which Lakeland Electric is required to stand ready to supply. In case of installations which use this service in a manner such that measurement over a 30-minute interval does not result in a fair or equitable measure of the supply capacity required to serve the customer's load, then the measured demand may be adjusted taking into account the known character of use and the rating data of the equipment connected, or from special tests, the intent being that the demand so determined shall fairly represent the customer's capacity requirement.

In cases where Lakeland Electric elects to use connected load, instead of demand measurement, as the method for determining demand, it will take into account the known character of use and the rating data of the equipment connected, the intent being that the demand so determined shall fairly represent the customer's capacity requirement.

Minimum Bill:

Customer Charge, plus Adjustments.

Adjustments:

Fuel charge, as contained in Schedule BA-1
Florida Gross Receipts and Regulatory Tax Adjustment, as contained in Schedule BA-2
10 percent Utility Tax inside City limits, as contained in Schedule BA-2
10 percent Surcharge outside City limits, as contained in Schedule BA-2
Environmental Compliance Cost Charge as contained in Schedule BA-3
Smart Grid Project Implementation as contained in Schedule BA-5
Polk County Public Service Tax, as adopted by Polk County
Florida State Sales Tax, as adopted by The State of Florida
Franchise fees levied by the Customer's unit of local government

Payment:

Net bills are due when rendered and are delinquent within thirty (30) days after the billing date.

Terms and Conditions:

1. Service hereunder is temporary as determined by Lakeland Electric. Upon cancellation of this rate schedule, Lakeland Electric will provide continuity of service under another applicable rate schedule.
2. Service hereunder is subject to the rules and regulations for electric service as adopted by Lakeland Electric from time to time and on file with the City Clerk.
3. Customers who terminate service under this rate schedule within the first six (6) months shall be eligible for a refund of amounts in excess of otherwise applicable charges for the period. Applicable charges for Customers returning to standard time-of-day rates will be as specified in Rate Schedule GSX-1, General Service Optional Time-of-Day, and charges for all other Customers will be as specified in Rate Schedule GS, General Service. Any Customer is eligible for this billing adjustment for only one period of up to six (6) months.
4. Customers who select to take service hereunder and subsequently terminate service shall be prohibited from returning to service hereunder for twelve (12) months unless approved by Lakeland Electric.

RATE SCHEDULE GSDT-1
GENERAL SERVICE DEMAND TRIAL PERIOD
OPTIONAL TIME-OF-DAY w/MID-PEAK PERIOD

Rate GSDT-1
Page 1 of 3

Available:

In all territory served by Lakeland Electric during the Smart Grid Market Trial Period.

Applicable:

To any general service customer whose highest measured 30-minute interval demand has equaled or exceeded 50 kW three or more months and has been less than 500 kW for ten or more months of the twelve (12) most recent monthly billing periods, including the current billing period. Also, at the option of the customer, to customers with demands at any level below 50 kW who agree to pay the "minimum bill" as described below for at least twelve (12) months. All service hereunder will be supplied at one location through one point of delivery and measured through one meter.

Character of Service:

A-C; 60 Hertz; single or three phase; at any standard utility voltage level offered by Lakeland Electric.

Limitation of Service:

Resale not permitted under this rate schedule. Lakeland Electric reserves the right to limit the number of new customers served hereunder and service is subject to the availability of Time-of-Day metering equipment.

Net Rate per Month:

Customer Charge:	\$30.00 per meter
Demand Charge:	\$7.00 per kW of Billing Demand
Energy Charge:	
On-Peak:	5.048¢ per kWh
Mid-Peak:	3.029¢ per kWh
Off-Peak:	0.932¢ per kWh

Definitions of the Time-of-Day Periods:

All time periods stated in prevailing time.

	<u>Summer</u>	<u>Winter</u>
On-Peak Hours (Monday-Friday)	Apr. 1 - Oct. 31 2:01 PM - 8:00 PM	Nov. 1 - March 31 6:01 AM - 10:00 AM
	<u>Summer</u>	<u>Winter</u>
Mid-Peak Hours (Monday-Friday)	Apr. 1 - Oct. 31 12:01 PM - 2:00 PM and 8:01 PM - 10:00 PM	Nov. 1 - March 31 10:01 AM - 12:00 Noon and 8:01 PM - 10:00 PM
Off-Peak Hours	All other weekday hours, and all hours on Saturdays, Sundays, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day shall be off-peak.	

(Continued to Sheet No. 7.4.1)

RATE SCHEDULE GSDT-1
GENERAL SERVICE DEMAND TRIAL PERIOD
OPTIONAL TIME-OF-DAY w/MID-PEAK PERIOD

Rate GSDT-1
Page 2 of 3

(Continued from Sheet No. 7.4)

Determination of Billing Demand:

The billing demand for the month shall be the maximum 30-minute integrated kilowatt demand in the month. For those customers with demands below 50 kW for two out of the twelve (12) most recent monthly billing periods, the billed demand shall be the monthly measured maximum 30-minute integrated demand but not less than 25 kW.

Where charges specified in a rate schedule are based upon the measured maximum 30-minute integrated demand, it is intended that such demand shall fairly represent the capacity which Lakeland Electric is required to stand ready to supply. In case of installations which use this service in a manner such that measurement over a 30-minute interval does not result in a fair or equitable measure of the supply capacity required to serve the customer's load, then the measured demand may be adjusted taking into account the known character of use and the rating data of the equipment connected, or from special tests, the intent being that the demand so determined shall fairly represent the customer's capacity requirement.

In cases where Lakeland Electric elects to use connected load, instead of demand measurement, as the method for determining demand, it will take into account the known character of use and the rating data of the equipment connected, the intent being that the demand so determined shall fairly represent the customer's capacity requirement.

Primary Voltage Service:

Service at primary voltage, where available, will be supplied under this rate schedule upon request. When service is supplied at primary voltage, the customer will own and maintain all substations, lines, transformer supporting structures, transformers and other equipment required for utilization of delivered voltage. Lakeland Electric will own no equipment beyond the primary voltage metering point. A \$0.26 discount on demand charge and a 4.8 percent discount on energy, plus non-exempt fuel as specified in Schedule BA-2, charges and on the Schedule BA-3 charge will be allowed when service is delivered and metered at primary voltage.

Secondary Service Metered at Primary Voltage:

In cases where secondary service is being supplied and the Electric Department has elected to meter the service at primary voltage, there will be discounts of \$0.26 applied to demand and 1 percent applied to energy, plus non-exempt fuel as specified in Schedule BA-2, charges and to the Schedule BA-3 charge. This discount may be changed on an individual customer basis if justified by special circumstances, equipment or operation of the customer's facilities. No new secondary service will be constructed with metering at the primary voltage.

Facilities Charge:

When the customer requires the utility to furnish and install special facilities for the exclusive use of the customer, such customer will be required to pay a facilities charge in addition to the above demand and energy rate. The facilities charge will be based upon the cost of such excess facilities.

Minimum Bill:

Customer charge, demand charge, facilities charge, plus Adjustments.

(Continued to Sheet No. 7.4.2)

RATE SCHEDULE GSdT-1
GENERAL SERVICE DEMAND TRIAL PERIOD
OPTIONAL TIME-OF-DAY w/MID-PEAK PERIOD

Rate GSdT-1
Page 3 of 3

(Continued from Sheet No. 7.4.1)

Adjustments:

Fuel charge, as contained in Schedule BA-1
Florida Gross Receipts and Regulatory Tax Adjustment, as contained in Schedule BA-2
10 percent Utility Tax inside City limits, as contained in Schedule BA-2
10 percent Surcharge outside City limits, as contained in Schedule BA-2
Environmental Compliance Cost Charge as contained in Schedule BA-3
Smart Grid Project Implementation as contained in Schedule BA-5
Polk County Public Service Tax, as adopted by Polk County
Florida State Sales Tax, as adopted by The State of Florida
Franchise fees levied by the Customer's unit of local government

Payment:

Net bills are due when rendered and are delinquent within thirty (30) days after the billing date.

Terms and Conditions:

1. Service hereunder is temporary as determined by Lakeland Electric. Upon cancellation of this rate schedule, Lakeland Electric will provide continuity of service under another applicable rate schedule.
2. Service hereunder is subject to the rules and regulations for electric service as adopted by Lakeland Electric from time to time and on file with the City Clerk.
3. Customers who terminate service under this rate schedule within the first six (6) months shall be eligible for a refund of amounts in excess of otherwise applicable charges for the period. Applicable charges for Customers returning to standard time-of-day rates will be as specified in Rate Schedule GSX-2, General Service Demand Optional Time-of-Day, and charges for all other Customers will be as specified in Rate Schedule GSD, General Service Demand. Any Customer is eligible for this billing adjustment for only one period of up to six (6) months.
4. Customers who select to take service hereunder and subsequently terminate service shall be prohibited from returning to service hereunder for twelve (12) months unless approved by Lakeland Electric.

RATE SCHEDULE GSLDT-1
GENERAL SERVICE LARGE DEMAND TRIAL PERIOD
OPTIONAL TIME-OF-DAY w/MID-PEAK PERIOD

Rate GSLDT-1
Page 1 of 3

Available:

In all territory served by Lakeland Electric during the Smart Grid Market Trial Period.

Applicable:

To any general service customer whose highest 30-minutes interval demand exceeds 499 kW three or more out of the twelve (12) most recent monthly billing periods including the current billing period. All service hereunder will be supplied at one location through one point of delivery and measured through one meter.

Character of Service:

A-C; 60 Hertz; three phase; at any standard utility voltage level offered by Lakeland Electric.

Limitation of Service:

Resale not permitted under this rate schedule. Service hereunder available only after a twelve (12) month period of parallel billing on this schedule and rate GSLD has been completed. Lakeland Electric reserves the right to limit the number of new customers served hereunder and service is subject to the availability of Time-of-Day metering equipment.

Customers taking service hereunder will be required to remain on this rate for a minimum initial period of twelve (12) consecutive months which shall continue for successive periods of twelve (12) months until terminated by written notice given by customer or Department.

Net Rate per Month:

Customer Charge:	\$330.00 per meter
Demand Charge:	\$7.25 per kW of Billing Demand
Energy Charge:	
On-Peak:	4.470¢ per kWh
Mid-Peak:	2.684¢ per kWh
Off-Peak:	0.942¢ per kWh

High Load Factor Service:

To any General Service customer eligible to receive service under this rate schedule that maintains a monthly load factor of not less than 70 percent, the on-peak energy charge shall be 4.119¢ per kWh, the mid-peak energy charge shall be 2.471¢ and the off-peak energy charge shall be 0.869¢ per kWh.

Definitions of the Time-of-Day Periods:

All time periods stated in prevailing time.

	<u>Summer</u>	<u>Winter</u>
On-Peak Hours (Monday-Friday)	Apr. 1 - Oct. 31 2:01 PM - 8:00 PM	Nov. 1 - March 31 6:01 AM - 10:00 AM

(Continued to Sheet No. 8.1.4)

RATE SCHEDULE GSLDT-1
GENERAL SERVICE LARGE DEMAND TRIAL PERIOD
OPTIONAL TIME-OF-DAY w/MID-PEAK PERIOD

Rate GSLDT-1
Page 2 of 3

(Continued from Sheet No. 8.1.3)

	<u>Summer</u>	<u>Winter</u>
Mid-Peak Hours (Monday-Friday)	Apr. 1 - Oct. 31 12:01 PM - 2:00 PM and 8:01 PM - 10:00 PM	Nov. 1 - March 31 10:01 AM - 12:00 Noon and 8:01 PM - 10:00 PM
Off-Peak Hours	All other weekday hours, and all hours on Saturdays, Sundays, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day shall be off-peak.	

Determination of Billing Demand:

The billing demand for the month shall be the maximum 30-minute integrated kilowatt demand in the month.

Where charges specified in a rate schedule are based upon the measured maximum 30-minute integrated demand, it is intended that such demand shall fairly represent the capacity which Lakeland Electric is required to stand ready to supply. In case of installations which use this service in a manner such that measurement over a 30-minute interval does not result in a fair or equitable measure of the supply capacity required to serve the customer's load, then the measured demand may be adjusted taking into account the know character of use and the rating data of the equipment connected or from special tests, the intent being that the demand so determined shall fairly represent the customer's capacity requirement.

In cases where Lakeland Electric elects to use connected load, instead of demand measurement, as the method for determining demand, it will take into account the known character of use and the rating data of the equipment connected, the intent being that the demand so determined shall fairly represent the customer's capacity requirement.

Primary Voltage Service:

Service at primary voltage, where available, will be supplied under this rate schedule upon request. When service is supplied at primary voltage the customer will own and maintain all substations, lines, transformer supporting structures, transformers and other equipment required for utilization of the delivery voltage. Lakeland Electric will own no equipment beyond the primary voltage metering point. A \$0.26 discount on demand charge and a 4.8 percent discount on energy, plus non-exempt fuel as specified in Schedule BA-2, charges and on Schedule BA-3 charge will be allowed when service is delivered and metered at primary voltage.

Facilities Charge:

When the customer required the utility to furnish and install special facilities for the exclusive use of the customer, such customer will be required to pay a facilities charge in addition to the above demand and energy rates. The facilities charge will be based upon the cost of such excess facilities.

Minimum Bill:

Customer charge, demand charge, facilities charge, plus Adjustments.

(Continued to Sheet No. 8.1.5)

RATE SCHEDULE GSLDT-1
GENERAL SERVICE LARGE DEMAND TRIAL PERIOD
OPTIONAL TIME-OF-DAY w/MID-PEAK PERIOD

Rate GSLDT-1
Page 3 of 3

(Continued from Sheet No. 8.1.4)

Adjustments:

Fuel Charge, as contained in Schedule BA-1
Florida Gross Receipts and Regulatory Tax Adjustment, as contained in Schedule BA-2
10 percent Utility Tax inside City limits, as contained in Schedule BA-2
10 percent Surcharge outside City limits, as contained in Schedule BA-2
Environmental Compliance Cost Charge as contained in Schedule BA-3
Smart Grid Project Implementation as contained in Schedule BA-5
Polk County Public Service Tax, as adopted by Polk County
Florida State Sales Tax, as adopted by The State of Florida
Franchise fees levied by the Customer's unit of local government

Payment:

Net bills are due when rendered and are delinquent thirty (30) days after the billing date.

Terms and Conditions:

1. Service hereunder is temporary as determined by Lakeland Electric. Upon cancellation of this rate schedule, Lakeland Electric will provide continuity of service under another applicable rate schedule.
2. Service hereunder is subject to the rules and regulations for electric service as adopted by Lakeland Electric from time to time and on file with the City Clerk.
3. Power factor at the time of the monthly peak demand must be maintained above 90 percent.
4. Customers who terminate service under this rate schedule within the first six (6) months shall be eligible for a refund of amounts in excess of otherwise applicable charges for the period. Applicable charges for Customers returning to standard time-of-day rates will be as specified in Rate Schedule GSX-3, General Service Large Demand Optional Time-of-Day, and charges for all other Customers will be as specified in Rate Schedule GSLD, General Service Large Demand. Any Customer is eligible for this billing adjustment for only one period of up to six (6) months.
5. Customers who select to take service hereunder and subsequently terminate service shall be prohibited from returning to service hereunder for twelve (12) months unless approved by Lakeland Electric.

RATE SCHEDULE LDISX-1
LARGE DEMAND INTERRUPTIBLE RATE
OPTIONAL TIME-OF-DAY

Rate LDISX-1
Page 1 of 4

Available:

In all territory served by Lakeland Electric.

Applicable:

To any general service customer whose highest 30-minute interval demand is 7,500 kW or greater and load factor of 95% or greater six (6) or more of the twelve (12) most recent billing periods, including the current billing period, and where service may be interrupted by Lakeland Electric. Service under this rate schedule is not offered to Customers for whom an interruption would interfere with functions necessary for the protection of public health and safety. Lakeland Electric reserves the right to limit the total load served under this schedule.

Character of Service:

The electric energy delivered under this schedule shall be: A-C; 60 Hertz; three phase; at the standard utility voltage offered by Lakeland Electric, but not less than 12,470 volts, referred to as Primary Voltage Service.

Limitation of Service:

Resale not permitted under this rate schedule. Service hereunder is at the sole option of Lakeland Electric. Electric power and energy service supplied hereunder may be interrupted if required to: 1) provide service to its firm power customers during periods of capacity shortages; or 2) supply emergency interchange to other utilities for their firm load obligations. Each point of delivery served hereunder shall have installed special equipment to insure immediate discontinuance of service in the event of a system disturbance. Such special equipment shall be under the sole control of Lakeland Electric.

Notice of Interruption:

In the event an interruption is called in response to Limitation of Service, Lakeland Electric will attempt to provide no less than 30 minutes notice. Notice of less than 30 minutes may be given if necessary to prevent loss of power to firm service customers.

Net Rate Per Month:

Customer Charge:	\$330.00
Demand Charge:	\$9.84 per kW of Billing Demand
Controlled Demand Credit:	\$4.86 per kW of Controlled Demand
Energy Charge:	
On Peak :	3.310 cents per kWh
Off Peak:	0.610 cents per kWh

All time periods stated in prevailing time.

	<u>Summer</u>	<u>Winter</u>
On-Peak Hours	Apr. 1 - Oct. 31	Nov. 1 - March 31
(Monday - Friday)	1:01 PM - 10:00 PM	6:01 AM - 12:00 Noon and 5:01 PM - 10:00 PM

(Continued to Sheet No. 8.8.1)

RATE SCHEDULE LDISX-1
LARGE DEMAND INTERRUPTIBLE RATE
OPTIONAL TIME-OF-DAY

Rate LDISX-1

Page 2 of 4

(Continued from Sheet No. 8.8)

Off-Peak Hours All other weekday hours, and all hours on Saturdays, Sundays, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day shall be off-peak.

Minimum Bill:

Customer charge, Facilities Charge, demand charge, plus Adjustments.

Adjustments:

Fuel charge, as contained in Schedule BA-1
Florida Gross Receipts and Regulatory Tax Adjustment, as contained in Schedule BA-2
10% Utility Tax inside City limits, as contained in Schedule BA-2
10% Surcharge outside City limits, as contained in Schedule BA-2
Environmental Compliance Cost Charge as contained in Schedule BA-3
Polk County Public Service Tax, as adopted by Polk County
Florida State Sales Tax, as adopted by The State of Florida
Franchise fees levied by the Customer's unit of local government

Payment:

Net bills are due when rendered and are delinquent thirty (30) days after the billing date.

Determination of Billing Demand:

Billing demand is the maximum 30-minute interval demand established during the current on-peak period.

Where charges specified in a rate schedule are based upon the measured maximum 30-minute integrated demand, it is intended that such demand shall fairly represent the capacity which Lakeland Electric is required to stand ready to supply. In case of installations which use this service in a manner such that measurement over a 30-minute interval does not result in a fair or equitable measure of the supply capacity required to serve the customer's load, then the measured demand may be adjusted taking into account the known character of use and the rating data of the equipment connected or from special tests, the intent being that the demand so determined shall fairly represent the customer's capacity requirement.

In cases where Lakeland Electric elects to use connected load, instead of demand measurement, as the method for determining demand, it will take into account the known character of use and the rating data of the equipment connected, the intent being that the demand so determined shall fairly represent the customer's capacity requirement.

Controlled Demand:

The amount recognized by the Lakeland Electric as available for interruption.

(Continued to Sheet No. 8.8.2)

RATE SCHEDULE LDISX-1
LARGE DEMAND INTERRUPTIBLE RATE
OPTIONAL TIME-OF-DAY

Rate LDISX-1

Page 3 of 4

(Continued from Sheet No. 8.8.1)

Facilities Charge:

When the Customer requests and when Lakeland Electric agrees to furnish, install, and maintain facilities for the exclusive use of the Customer, such Customer will be required to pay a facilities charge in addition to the above demand and energy rate. The facilities charge will be based upon the cost of such excess facilities.

Terms and Conditions:

Power factor at the time of the monthly peak demand must be maintained above 90%. Service hereunder is subject to the rules and regulations for electric service as adopted by Lakeland Electric - from time to time and on file with the City Clerk.

Term of Service:

The initial Term of Service shall be sixty (60) months with automatic annual renewal of identical duration on the anniversary date of service in lieu of contract. Notice to terminate service by either party shall be in accordance with terms in the Special Provisions.

Special Provisions:

1. When the customer increases his electrical load, which increase requires Lakeland Electric to increase facilities installed for the specific use of the customer, a new Term of Service may be required under this rate at the option of Lakeland Electric.
2. Lakeland Electric may, under the provisions of this rate, at its option, require a special contract with the customer.
3. Lakeland Electric will furnish service under this rate at a single voltage through one point of delivery and measured through one meter. Equipment to supply additional voltages or additional facilities for the use of the customer shall be furnished and maintained by the customer.
4. Customers taking service under this interruptible rate schedule who desire to transfer to a non-interruptible rate schedule will be required to give Lakeland Electric written notice at least sixty (60) months prior to such transfer. Such notice shall be irrevocable unless Lakeland Electric and the customer shall mutually agree to void the revocation. Transfer to another interruptible rate schedule for which the Customer is eligible is not subject to this notice provision.
5. If Customer fails to remain eligible for service under the terms of this interruptible rate schedule Lakeland Electric shall reassign the Customer to the appropriate rate schedule until such time as the Customer re-establishes eligibility. Service so terminated may be restored after not less than six (6) months and under a new Term of Service.
6. So long as Customer remains eligible for service under this rate schedule Lakeland Electric shall not terminate service without sixty (60) months written notice.

(Continued to Sheet No. 8.8.3)

RATE SCHEDULE LDISX-1
LARGE DEMAND INTERRUPTIBLE RATE
OPTIONAL TIME-OF-DAY

Rate LDISX-1
Page 4 of 4

(Continued from Sheet No. 8.8.2)

7. In the event the Customer fails to deliver the specified interruptible load, billing adjustments will be made, back to the most recent interruption by the Lakeland Electric, to remove the Controlled Demand Credit. The adjustment shall be billed at a rate 1.25 times the Controlled Demand Credit. The Customer shall be ineligible for the Controlled Demand Credit until the ability to deliver the agreed interruptible load is demonstrated.
8. Lakeland Electric may purchase power and energy from other sources for the customer's use during periods when interruptions are required but is not required to do so pursuant to this schedule. When possible, Lakeland Electric, will provide advanced notification of purchases made for the customer or as soon as practical thereafter and similar notification will be provided upon termination of such purchases. The customer will be required to pay the actual charges of such purchases in lieu of the otherwise applicable energy charges (energy charge, capacity charge, and fuel adjustment) provided in this rate schedule. These costs shall be based on the customer's proportionate share of a higher cost of such purchased energy plus 1.04 mills per kWh. The cost of such purchased energy shall be based on the average cost of all purchased power and energy provided under this rate schedule during the corresponding calendar month.
9. Lakeland Electric, when possible, will provide advanced notification when interruptions are eminent or as soon as practical; thereafter, when advanced notice is not feasible.

RATE SCHEDULE NM

Rate NM

Page 1 of 3

NET METERING SERVICE

Available:

In all territory served by Lakeland Electric, based on equipment availability.

Applicable:

To Residential and Commercial Customers who construct and/or operate a photovoltaic array connected in parallel with Lakeland Electric's power distribution system (hereafter "System") through the Customer's connection to the meter at or on the Property; and there are electrical safety, power quality, and other issues with such an installation.

Character of Service:

A-C; 60 Hertz; single or three phase; 120/240 volts, 120/208 volts or any other voltage offered by Lakeland Electric.

Limitation of Service:

To residential customers who install photovoltaic (PV) systems up to 10 kilowatts (kW) in capacity and to commercial customers who install PV systems up to 500 kW in capacity. At present, there is no limit on the total net-metered capacity allowed in Lakeland Electric's service territory. This is subject to change at the sole discretion of Lakeland Electric.

Resale not permitted under this rate schedule. Lakeland Electric reserves the right to limit the number of new customers served hereunder and service is subject to the availability of net metering equipment.

Customers taking service hereunder will be required to remain on this rate for a minimum initial period of twelve (12) consecutive months which shall continue for successive periods of twelve (12) months until terminated by written notice given by customer or Department.

Definitions:

1. Interconnection of a PV System

PV interconnection occurs when a solar powered generating system is installed on the customer side of the utility meter and operates in parallel with the utility's electrical service to the property. The energy produced by this generator is primarily intended to offset part or all of a customer's annual electricity requirements.

2. Net Metering

Lakeland Electric net metering is the condition where the energy being received from a customer-owned generator is metered separately from the energy being delivered to the customer and is credited back to the customer at the full retail rate.

Rules and Requirements:

To receive electric service under this Net Metering Service schedule, now, therefore, for and in consideration of the mutual covenants and agreements the Customer hereby agrees as follows:

1. Lakeland Electric agrees that the photovoltaic generator, as specified in the "Application and Compliance Form", may be connected in parallel with the distribution system once the following conditions are met;

(Continued to Sheet No. 10.0.1)

RATE SCHEDULE NM

Rate NM

Page 2 of 3

NET METERING SERVICE

(Continued from Sheet No. 10.0)

- a. The installation is in compliance with all provisions in the "Interconnection Requirements for Photovoltaic Systems" document, hereby made a part of this document.
 - b. The "Hold Harmless/Indemnification" form has been signed by both parties.
 - c. The "Application and Compliance Form" document is completed and signed by the appropriate Electrical Inspector and Lakeland Electric.
2. This Agreement applies solely to Customer's PV system at or on the Property.
 3. Prior to operation, Lakeland Electric reserves the right to inspect the PV system installation to ensure compliance with the standards and codes noted in the "Interconnection Requirements for Photovoltaic Systems" document. If Lakeland Electric chooses to exercise this option, it agrees to inspect and, if the system is in compliance, provide written approval of the interconnection (using the Application and Compliance Form) within ten (10) working days following the request for inspection and approval. Parallel operation of the photovoltaic system with the grid shall not begin without Lakeland Electric's approval
 4. Lakeland Electric reserves the right to refuse to accept electric power from the PV system under extreme conditions as described below. If Lakeland Electric chooses to exercise this option, which may involve physically disconnecting Lakeland Electric's system from the PV system, it agrees to make reasonable efforts to notify the Customer when such conditions exist or are anticipated to exist, and to reconnect when the adverse conditions no longer exist. Examples of conditions that may lead to disconnection include:
 - a. City System emergencies and/or maintenance requirements,
 - b. Hazardous conditions existing on the PV system or its protective equipment,
 - c. Adverse effects of the PV system's operation on the Lakeland Electric System, or on other City customers, or
 - d. Failure of the PV system to comply with regulations, rules, orders or decisions of any government or regulatory authority having jurisdiction over Lakeland Electric, generating equipment or operation.
 5. If the kWh delivered to the Lakeland Electric system exceeds the kWh delivered to the Customer's load in a billing cycle, a credit for the net kWh delivered to Lakeland Electric's system shall be carried forward to the next billing cycle. Credits may accumulate and be carried forward for a moving 12 month period. The moving 12 month period is defined as ending in the current billing cycle and starting same month last year plus one month. In no event shall the Customer be paid for excess energy delivered to the Lakeland Electric system at the end of the 12 month moving period.
 6. The customer acknowledges that there may be green energy attributes, called Tradable Renewable Energy Credits, which are derived from the energy generated by these systems. The Customer agrees that Lakeland Electric retains full rights and ownership to these credits.
 7. City reserves the right to terminate this Agreement with or without cause with 30 calendar days written notice.
 8. Any material default of this Agreement by the Customer shall allow City to immediately terminate this Agreement and disconnect the Customer's PV system from City's System.
 9. The Customer agrees to immediately notify City in writing if the Customer:
 - a. Sells the Property.
 - b. Makes a change to the PV system.
 - c. Sells the PV system or a portion thereof.
 - d. Performs maintenance on the PV system that may have an impact on Lakeland Electric's system.

(Continued to Sheet No. 10.0.2)

RATE SCHEDULE NM

Rate NM
Page 3 of 3

NET METERING SERVICE

(Continued from Sheet No. 10.0.1)

Notice should be sent to:

Alternative Energy Coordinator
Lakeland Electric
501 East Lemon Street
Lakeland, FL 33801
Phone (863) 834-9535

10. Insurance and Indemnification. The Customer shall provide proof of and maintain at all times a general liability insurance policy for personal and property damage in the amount of at least \$100,000. A standard business policy in at least this amount may meet this requirement. Customer shall properly execute the Indemnification Agreement in the exact form as provided and deliver it to Lakeland Electric upon submitting the Application and Compliance Form.

Special Provisions:

1. At each net metering location the utility will replace the customer's existing meter with a meter that is equipped with two separate registers. This meter will record:
 - a. All energy being delivered to the property on one register and
 - b. All energy being received from the property on the second register.
2. It is the intention of the program that the customer shall be charged for all of the energy recorded on the first register and be issued a credit for all of the energy that is recorded on the second register. This credit will appear as a separate line item on the monthly bill.
3. The utility may also require, at its option, a second meter to register the total output of the solar PV generator. This meter will be read monthly by the meter readers; however, it will be a non-billing meter.
4. Upon termination of service the customer will receive compensation at the full retail rate for any accumulated credit from the utility at that time. Under no circumstances will any credits be transferred to another location.

Terms and Conditions:

1. Service hereunder is subject to the rules and regulations for electric service as adopted by Lakeland Electric from time to time on file with the City Clerk.
2. Rates, minimum bill, adjustments and payment definitions and stipulations shall apply as prescribed in the appropriate standard rate schedule.

RATE SCHEDULE PEV
PLUG-IN ELECTRIC VEHICLE SERVICE
TIME-OF-DAY

Rate PEV
Page 1 of 2

Available:

In all territory served by Lakeland Electric, based on equipment availability.

Applicable:

To electric service customers currently billed from Rate Schedules RSX-1, RST-1, GSX-1 and GST-1 requiring power at greater than 120 volts for plug-in electric vehicle (PEV) charging purposes. Power used to service PEV charging stations or equipment is subject to the following requirements:

1. 100 percent of the energy used is exclusively for PEV charging purposes.
2. None of the energy is used in any endeavor which sells or rents a commodity or provides service for a fee.
3. A responsible legal entity is established as the Customer to whom a bill can be rendered.

All Service hereunder will be supplied at one location through one point of delivery and measured through one submeter exclusively used for PEV charging, at each premise.

Character of Service:

A-C; 60 Hertz; single or three phase; 120/240 volts, 120/208 volts or any other voltage offered by Lakeland Electric.

Limitation of Service:

Resale not permitted under this rate schedule. Service is subject to the availability of time-of-day submetering equipment.

Facilities Inspection:

Upon meeting the requirements and accepting the agreements associated with Rate Schedule PEV, Customer will arrange for a certified electrician to install, at Customer's expense, an electric submeter provided by Lakeland Electric to be used exclusively for measuring the power usage of the PEV charging station. After installation, Lakeland Electric shall complete an electrical inspection of the location to ensure meter functionality and compliance with Lakeland Electric service requirements and guidelines.

Facilities Inspection Fee: \$85.00 per inspection

Net Rate per Month:

Energy Charge:

On-Peak: 24.488¢ per kWh
Off-Peak: 0.314¢ per kWh

Definitions of the Time-of-Day Periods:

All time periods stated in prevailing time.

	<u>Summer</u>	<u>Winter</u>
On-Peak Hours	Apr. 1 - Oct. 31	Nov. 1 - March 31
(Daily)	6:01 AM - 10:00 PM	6:01 AM - 10:00 PM

(Continued to Sheet No. 11.0.1)

RATE SCHEDULE PEV
PLUG-IN ELECTRIC VEHICLE SERVICE
TIME-OF-DAY

Rate PEV
Page 2 of 2

(Continued from Sheet No. 11.0)

Off-Peak Hours

All other hours shall be off-peak.

Minimum Bill:

Based on monthly metered energy usage for PEV charging purposes, plus adjustments.

Adjustments:

Fuel charge, as contained in Schedule BA-1
Florida Gross Receipts and Regulatory Tax Adjustment, as contained in Schedule BA-2
10 percent Utility Tax inside City limits, as contained in Schedule BA-2
10 percent Surcharge outside City limits, as contained in Schedule BA-2
Environmental Compliance Cost Charge as contained in Schedule BA-3
Smart Grid Project Implementation as contained in Schedule BA-5
Polk County Public Service Tax as adopted by Polk County
Florida Sales Tax, as adopted by The State of Florida.
Franchise fees levied by the Customer's unit of local government

Payment:

Net bills are due when rendered and are delinquent within thirty (30) days after the billing date.

Terms and Conditions:

1. Service hereunder is subject to the rules and regulations for electric service as adopted by Lakeland Electric from time to time and on file with the City Clerk.
2. PEV equipment and charging stations supplied power by Lakeland Electric with power requirements of greater than 120 volts must either be billed from Rate Schedule PEV, RSX-1, RST-1, GSX-1 or GST-1. Customers with charging requirements of 120 volts or less have no restrictions on which Lakeland Electric Rate Schedule from which they can be billed.

RATE SCHEDULE BA-1

Rate BA-1
Page 1 of 2

FUEL CHARGE

The fuel charge for all service schedules except GSX-6 (Large High Load Factor Power Service) shall be 0.001¢ per kilowatt-hour sold for each 0.001¢ per kilowatt-hour of actual cost of fuel and interchange purchases used to provide the electric energy measured at the customer's meter.

Fuel charges may be either levelized or a combination of On-Peak and Off-peak charges, depending upon the rate schedule. The levelized fuel charge shall be calculated using the delivered cost of all fuel burned and the fuel cost of all interchanged power. On-peak and Off-peak fuel cost are based on a percentage of the levelized fuel rate and are calculated once per year, on or about January 1st, to reflect the change in costs from one year to the next. Adjustments are made when the On-Peak percentage changes by more than five percentage points.

The On-Peak fuel charge is 122.0 percent of the levelized change and the Off-Peak fuel charge is 88.6 percent of the levelized change. The Lakeland City Commission shall by resolution establish the fuel charge.

For the period of the Smart Grid market trials, rate schedules may offer a three-period pricing option. Three-period fuel costs are based on a percentage of the levelized fuel rate and are calculated once per year on or about January 1st to reflect the change in costs from one year to the next, and adjustments are made when the On-Peak percentage changes by more than five percentage points. The On-Peak fuel charge is 132.0 percent of the levelized charge, the Mid-Peak fuel charge is 102.9 percent of the levelized charge, and the Off-Peak fuel charge is 90.4 percent of the levelized change. The Lakeland City Commission shall by resolution establish the fuel charge.

The applicable fuel charge for each rate class is listed below.

Rate Schedule	Fuel Charge			
	Levelized Rate	On-Peak	Mid-Peak	Off-Peak
RS Residential Service	X	-	-	-
RSX-1 Optional Shift to Save Residential Service Time-of-Day	-	X	-	X
RST-1 Optional Shift to Save Residential Service Time-of-Day (Trial)	-	X	X	X
GS General Service and Construction Power	X	-	-	-
GSX-1 Optional General Service Time-of-Day	-	X	-	X
GST-1 Optional General Service Time-of-Day (Trial)	-	X	X	X
GSD General Service Demand	X	-	-	-
GSX-2 Optional General Service Demand Time-of-Day	-	X	-	X
GST-1 Optional General Service Demand Time-of-Day (Trial)	-	X	X	X
GSLD General Service Large Demand	X	-	-	-
GSX-3 Optional General Service Large Demand Time-of-Day	-	X	-	X
GSLDT-1 Optional General Service Large Demand Time-of-Day (Trial)	-	X	X	X
ISX-1 General Service Interruptible Rate Time-of-Day	-	X	-	X
IS General Service Interruptible Rate	X	-	-	-
LDISX-1 Large Demand Interruptible Rate Time-of-Day	-	X	-	X
GSX-6 Large High Load Factor Power Service	X	-	-	-
ELDCX-1 Extra Large Demand Customer Time-of-Day	-	X	-	X
ELDC Extra Large Demand Customer	X	-	-	-
PEV Plug-In Electric Vehicles Time-of-Day	-	X	-	X

(Continued to Sheet No. 14.0.1)

RATE SCHEDULE BA-1
Rate BA-1
 Page 2 of 2

FUEL CHARGE

(Continued from Sheet No. 14.0)

In accordance with Fuel charge BA-1, the table below provides an accounting of several years of historical fuel changes:

Historical Levelized and Time-of-Day Fuel Charges						
Effective		Levelized Rate ¢/kWh	On-Peak %	Off-Peak %	On-Peak ¢/kWh	Off-Peak ¢/kWh
Year	Month					
2002	JUL	2.9000				
2003	MAR	3.4000				
2003	MAY	3.7000				
2003	SEP	4.1000				
2004	AUG	4.6100				
2004	DEC	4.7500				
2005	MAR	4.9300				
2005	JUN	5.1940				
2005	AUG	4.9340				
2005	SEP	5.6090				
2005	DEC	6.7490				
2006	MAR	6.4040				
2006	JUN	6.2500				
2006	SEP	6.5000				
2007	SEP	6.2000				
2008	JAN	6.0000				
2008	APR	6.3800				
2008	JUL	7.2700				
2008	OCT	6.5900				
2009	JAN	6.0900				
2009	APR	5.6900				
2009	JUL	5.4750	122.0%	88.6%	6.6795	4.8509
2009	OCT	5.4250	122.0%	88.6%	6.6185	4.8066
2010	JAN	5.5050	122.0%	88.6%	6.7161	4.8774
2010	APR	5.7600	122.0%	88.6%	7.0272	5.1034
2010	JUL	5.1250	122.0%	88.6%	6.2525	4.5408
2010	OCT	5.3150	122.0%	88.6%	6.4843	4.7091
2011	JAN	5.2500	122.0%	88.6%	6.4050	4.6515
2011	APR	5.0500	122.0%	88.6%	6.1610	4.4743
2011	JUL	5.0650	122.0%	88.6%	6.1793	4.4876
2011	OCT	4.9900	122.0%	88.6%	6.0878	4.4211

Historical Smart Grid Market Trial Fuel Charges								
Effective		Levelized Rate ¢/kWh	On-Peak %	Mid-Peak %	Off-Peak %	On-Peak ¢/kWh	Mid-Peak ¢/kWh	Off-Peak ¢/kWh
Year	Month							
2011	DEC	4.9900	132.0%	102.9%	90.4%	6.5868	5.1347	4.5110

RATE SCHEDULE BA-2

Rate BA-2
Page 1 of 1

TAX AND SURCHARGE ADJUSTMENT

Lakeland Public Service Tax and Surcharge:

A 10% Utility Tax (inside City limits) or a 10% surcharge (outside City limits) shall be imposed against all customer, demand, and energy charges contained in Lakeland Electric's electric rates.

The 10% Utility Tax (inside City limits) or 10% surcharge (outside City limits) shall be imposed only on Lakeland Electric's Base Fuel Cost as of October 1, 1973.

The amount of Lakeland Electric's Base Fuel Cost as of October 1, 1973 is 0.4108¢ per kWh. Any amount of fuel charge above the non-exempt fuel amount of 0.4108¢ per kWh shall be excluded from the 10% utility tax or the 10% surcharge.

Florida Gross Receipts, Regulatory Tax Adjustment, and Florida State Sales Tax:

The tax adjustment in a billing period shall be the actual tax level imposed for Florida Gross Receipts Tax and Public Service Commission Regulatory Trust Fund Tax to the nearest 0.0001%. This tax adjustment shall be levied on all revenue associated with the retail delivery of electricity under Lakeland Electric's published rate tariffs. The Florida State Sales tax adjustment shall be applied in accordance with the appropriate Florida statutes exclusively for the purpose of collecting these taxes as levied by the State of Florida.

Polk County Public Service Tax:

The Tax Adjustment shall be the actual tax level imposed by Polk County. The tax shall only be imposed on Lakeland Electric's Base Fuel Cost as of October 1, 1973.

The amount of Lakeland Electric's Base Fuel Cost as of October 1, 1973 is 0.4108¢ per kWh. Any amount of fuel charge above the non-exempt fuel amount of 0.4108¢ per kWh shall be excluded.

Franchise Fees:

A franchise fee of 4% of gross revenues from the sale of electric energy shall be billed to Customers who reside within the jurisdiction of Polk City.

RATE SCHEDULE BA-5

Rate BA-5
Page 1 of 1

SMART GRID PROJECT IMPLEMENTATION

The Smart Grid project implementation charge shall be 0.014¢ per kilowatt-hour for electric energy provided under all service schedules except:

- ISX-1 (Optional General Service Interruptible Time-of-Day),
- IS (General Service Interruptible Rate),
- LDISX-1 (Optional Large Demand Interruptible Time-of-Day)
- GSX-6 (Large High Load Factor Power Service),
- ELDC (Extra Large Demand Customer),
- ELDCX-1 (Optional General Service Extra Large Demand Time-of-Day),
- OL (Private Area Lighting), and
- OL-1 (Street and Roadway Lighting)

The above charge is effective the first billing cycle of Fiscal Year 2011 and shall remain effective for a period of time not to exceed the term of bonds funding the project (fifteen years). Rate BA-5 shall be reviewed for inclusion in base rates by the first rate study performed subsequent to full implementation of the Smart Grid project.

NET METERING SERVICE

Rate NMIR
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INTERCONNECTION REQUIREMENTS FOR PHOTOVOLTAIC SYSTEMS

A. Definitions

1. A small photovoltaic (PV) System is a solar electric generator with an array rating of 10 kW or less under standard operating conditions (SOC) of 1000 watts/m² solar irradiance, nominal operating cell temperature, air mass 1.5, and ASTM standard solar spectrum.
2. A medium PV System is a solar electric generator with an array rating of greater than 10 KW and less than or equal to 500 kW or less under SOC of 1000 watts/m² solar irradiance, nominal operating cell temperature, air mass 1.5, and ASTM standard solar spectrum.
3. In no case shall the size of the photovoltaic system exceed 75 percent of the capacity of the transformer bank between the customer's PV generator and Lakeland Electric's system.
4. An inverter, also referred to as a power conditioner, is a DC to AC device that converts PV energy to AC energy for utility interconnection. The inverter contains many control functions, such as voltage and frequency monitoring and protection against islanding. These Interconnection Requirements apply only to static inverters. Rotating devices cannot be used.

B. Standards and Codes

1. Inverter(s)
The inverter(s) must be listed and in compliance with Underwriters Laboratories (UL) Subject 1741, Standard for Static Inverters and Charge Controllers for Use in Photovoltaic Systems. Utility-interactive inverters that pass the tests of the new UL 1741 standard will be, by definition, "non-islanding" inverters and will comply with all elements of the IEEE 1547-2003 interconnection standard. The 1999 National Electrical Code requires that all utility-interactive photovoltaic systems use listed inverters that pass UL 1741.
2. PV Modules and Panels
 - a. PV modules and panels must be listed and be in compliance with Underwriters Laboratories (UL) Standard 1703, Standard for Safety: Flat-Plate Photovoltaic Modules and Panels.
 - b. PV modules must be in compliance with IEEE Standard 1262-1995, IEEE Recommended Practice for Qualification of Photovoltaic (PV) Modules (or, equivalently, IEC 61215).
3. System Installation
The installed system must be in compliance with: a) IEEE 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems and b) all relevant articles of the 1999 National Electrical Code (or subsequent revisions).
4. External Disconnect Switch
Lakeland Electric requires a manual, lockable, load break utility-interface disconnect switch between the output of the photovoltaic inverter and the Customer's wiring connected to Lakeland Electric's distribution system. The load break device shall be both visible and accessible to Lakeland's employees. Customer hereby grants a full license to access the Property and the PV system to ensure compliance herewith.
5. Testing of Protective Relays
City reserves the right to test the anti-islanding features and the power output quality of the inverter.
6. PV System Equipment Protection
It is the responsibility of the Customer to protect its generating equipment, inverters, protection devices, and other system components from damage by the normal conditions and operations that occur on the part of City in delivering and restoring System power. City hereby disclaims any liability whatsoever for damage to the Customer's equipment.

(Continued to Sheet No. 16.1.1)

NET METERING SERVICE

Rate NMIR

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INTERCONNECTION REQUIREMENTS FOR PHOTOVOLTAIC SYSTEMS

(Continued from Sheet No. 16.1)

7. Metering Arrangements

The PV Inverter output will be connected, by the Customer, to the Customer side of the normal service meter through an External Disconnect Switch. The normal service meter shall be replaced with a meter that will measure and register power flowing into the Customer's property and measure and register power flowing from the customer's resource into the Lakeland Electric system. The utility may, at its option, install a second meter to register the total output of the solar PV generator. This meter will be read monthly by the meter readers; however, it will be a non-billing meter.

NET METERING SERVICE

Rate NMHH

Page 1 of 2

HOLD HARMLESS/INDEMNIFICATION AGREEMENT

To the fullest extent permitted by laws and regulations, Customer shall defend, indemnify, and hold harmless the City and Lakeland Electric, its officers, directors, agents, guests, invitees, and employees from and against all claims, damages, losses, and expenses, direct, indirect, or consequential (including but not limited to fees and charges of engineers, architects, attorneys, and other professionals and court and arbitration costs) arising out of or resulting from any acts of commission, omission, negligence, recklessness or intentional wrongful misconduct of the Customer, or any other person or organization directly or indirectly employed by the Customer to perform or furnish any of the work or anyone for whose acts any of them may be liable.

In any and all claims against the City or Lakeland Electric, or any of its officers, directors, agents, or employees by any employee of the Customer, or any other person or organization directly or indirectly employed by the Customer to perform or furnish any of the work or anyone for whose acts any of them may be liable, this indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the Customer or any other person or organization under workers' or workmen's compensation acts, disability benefit acts, or other employee benefit acts, nor shall this indemnification obligation be limited in any way by any limitation on the amount or type of insurance coverage provided by the City or Lakeland Electric, or the Customer.

Applicability: It is the express intent of the Customer that this agreement shall apply for the project indicated below:

Parallel connection of a photovoltaic generator with the City of Lakeland's Electric Distribution System

Savings Clause: The parties agree that to the extent the written terms of this Indemnification conflict with any provisions of Florida laws or statutes, in particular Sections 725.06 and 725.08 of the Florida Statutes, the written terms of this indemnification shall be deemed by any court of competent jurisdiction to be modified in such a manner as to be in full and complete compliance with all such laws or statutes and to contain such limiting conditions, or limitations of liability, or to not contain any unenforceable, or prohibited term or terms, such that this Indemnification shall be enforceable in accordance with and to the greatest extent permitted by Florida Law.

Name of Organization

BY: _____
Signature of Owner or Officer

ATTEST: _____
Corporate Secretary or Witness

STATE OF: _____

COUNTY OF: _____

(Continued to Sheet No. 16.2.1)

NET METERING SERVICE

Rate NMHH

HOLD HARMLESS/INDEMNIFICATION

Page 2 of 2

(Continued from Sheet No. 16.2)

The foregoing instrument was acknowledged before me this _____ day of _____, 20____ by

_____, of

Printed Name of Owner / Officer

Corporate or Company Name

He/She is personally known to me or has produced

_____ as
State Drivers License Number

identification, and did _____ / did not _____ take an oath.

Signature of Person Taking Acknowledgment

Printed Name of Person Taking Acknowledgment

Title

Serial Number, if any

Notary Seal

NET METERING SERVICE

Rate NMAC

APPLICATION AND COMPLIANCE FORM

Page 1 of 2

A. Applicant Information

Customer Name

Telephone Number

Mailing Address

Email Address

City

, FL

ZIP Code

Service Address if different from Mailing Address

City

City Account Number

B. Photovoltaic System Information

System Name/Model

Array DC Power at SOC in watts

Array Manufacturer and Model

Batteries (if applicable)

Array Location

Inverter Location

AC Disconnect Location

C. Installation Contractor Information

Installation Contractor Name

FL License Number

Contractor Address

City, State, ZIP

Contractor Phone

Proposed Installation Date

(Continued to Sheet No. 16.3.1)

NET METERING SERVICE

Rate NMAC

APPLICATION AND COMPLIANCE FORM

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(Continued from Sheet No. 16.3)

D. Hardware and Installation Compliance

1. The system hardware is in compliance with Underwriters Laboratories (UL) Standard 1741, Standard for Static Inverters and Charge Controllers for Use in Photovoltaic Systems and UL 1703, Standard for Safety: Flat-Plate Photovoltaic Modules and Panels, and IEEE 1262-1995, IEEE Recommended Practice for Qualification of Photovoltaic (PV) Modules.
2. The system has been installed in compliance with IEEE 1547, Standard for Interconnecting Distributed Resources with Electric Power Systems and the 1999 National Electrical Code (NEC).

Contractor Signature

Date

Print Name

E. Owner Acknowledgment

The system has been installed to my satisfaction and I have been given system warranty information, and an operation manual. Also, I have been instructed in the operation of the system.

Owner Signature

Date

F. Utility Approval and Electric Code Inspection

PV Installation Satisfies THE CITY OF LAKELAND Interconnection Requirements

CITY OF LAKELAND Representative Name (Print):

CITY OF LAKELAND Representative Signature:

Date

PV Installation Satisfies Code Requirements

Inspector Name (Print):

Inspector Name Signature:

Date