

Laclede Gas Company 700 Market Street St. Louis, MO 63101

L. Craig Dowdy Senior Vice President, External Affairs, Corporate Communications and Marketing Craig.Dowdy@thelacledegroup.com

April 22, 2015

#### VIA EFIS

Secretary Missouri Public Service Commission Governor Office Building 200 Madison Street Jefferson City, MO 65101

RE: Tariff Tracking No. JG-2015-0295

**Dear Secretary:** 

On April 1, 2015 the Company filed several tariff sheets to reflect various revisions in the Company's Conservation and Energy Efficiency programs that were recommended by the Energy Efficiency Collaborative ("EEC"). Subsequently, the Company became aware of a different ENERGY STAR product specification than one of the specifications it used in the April 1 filing. As a result, in Sheet No. R-45 the minimum Energy Factor rating for a customer to qualify for a rebate for a residential gas storage water heater greater than 55 gallons and less than or equal to 100 gallons has been revised from .75 to .77. The members of the EEC are agreeable to such revision.

Please substitute the attached tariff sheet for the corresponding sheet submitted on April 1.

Sincerely,

/s/ L. Craig Dowdy

L. Craig Dowdy

Enclosures



L. Craig Dowdy Senior Vice President, External Affairs, Corporate Communications and Marketing Craig.Dowdy@thelacledegroup.com

April 1, 2015

#### VIA EFIS

Secretary Missouri Public Service Commission Governor Office Building 200 Madison Street Jefferson City, MO 65101

#### **Dear Secretary:**

Enclosed herewith for filing with the Missouri Public Service Commission are the following revised tariff sheets which are applicable to the Laclede Gas operating division of Laclede Gas Company ("Company"):

P.S.C. MO. No. 5 Consolidated Seventh Revised Sheet No. R-45 Second Revised Sheet No. R-45-a Third Revised Sheet No. R-46-a First Revised Sheet No. R-46-b First Revised Sheet No. R-46-c Original Sheet No. R-46-d Third Revised Sheet No. R-47-a Third Revised Sheet No. R-48-a

Pursuant to the Stipulation and Agreement ("S&A") in Case No. GR-2007-0208, an Energy Efficiency Collaborative ("EEC") was formed to develop and implement a portfolio of cost effective energy efficiency programs for the Company's customers, subject to the funding levels and other terms of the S&A, as modified in Case Nos. GR-2010-0171 and GR-2013-0171. The enclosed tariff sheets reflect various revisions that have been recommended by the EEC to align the residential offerings and incentives of the Laclede Gas and Missouri Gas Energy operating divisions of Laclede Gas Company as well as enhance the Commercial and Industrial rebate program measures and incentives. Certain revisions were also necessary to conform to new Department of Energy minimum standards for residential water heaters that will go into effect on April 16, 2015.

The revised tariff sheets have an issue date of April 1, 2015 and an effective date of May 1, 2015.

Sincerely,

/s/ L. Craig Dowdy

L. Craig Dowdy

Enclosures

#### P.S.C. MO. No. 5 Consolidated, Seventh Revised Sheet No. R-45 CANCELLING P.S.C. MO. No. 5 Consolidated, Sixth Revised Sheet No. R-45

Laclede Gas Company Name of Issuing Corporation or Municipality

For \_\_\_\_\_

Refer to Sheet No. R-1 Community, Town or City

## RULES AND REGULATIONS

#### 35. Conservation and Energy Efficiency Programs

The Energy Efficiency Collaborative ("EEC") was formed pursuant to paragraph 20 of the Stipulation and Agreement in Case No. GR-2007-0208 to develop a portfolio of cost effective energy efficiency programs for the Company's customers. Pursuant to this tariff and terms developed by the EEC, as modified by the Stipulation and Agreement in Case No. GR-2013-0171 and the Second Stipulation and Agreement in Case No. GR-2010-0171, the following programs have been established.

#### A. <u>Residential High Efficiency Rebate Program</u>:

The Company's Residential High Efficiency Rebate Program provides rebates to residential owners and customers for the installation of high efficiency heating systems, water heating systems, and thermostats as described below:

Equipment	Rated	Rebate
Gas furnace	Greater than or equal to 92% but less than 96% AFUE*	\$200
Gas furnace	Greater than or equal to 96% AFUE*	\$300
Gas boiler	Greater than or equal to 90% AFUE*	\$300
Combined Space Heating/Water Heating (w/ tank)	High efficiency boiler w/sidearm tank, AFUE >= 90%	\$450
Combined Space Heating/Water Heating (tankless)	Tankless boiler/water heater combination unit, EF Greater than or equal to 0.82	\$450
Electronic programmable setback thermostat	Four pre-programmed settings for 7 day, 5+2 day, or 5-1-1 day models	\$25 or 50% of the equipment cost, whichever is lower
Gas storage water heater greater than or equal to 20 gallons and less than or equal to 55 gallons	Greater than or equal to 0.67 EF**	\$200
Gas storage water heater greater than 55 gallons and less than or equal to 100 gal	Greater than or equal to 0.77 EF**	\$350
Gas instantaneous water heater less than 2 gallon	Greater than or equal to 0.82 EF**	\$300
*Annual Fuel Utilization ** Energy Factor	Efficiency	

ISSUED BY

Month	Day	Year				Mo	onth	Day	Year	
L. Craig E	)owdy, \$	Sr. VP, I	Ext Affairs, (	Corp. Comm.	& Mkt.	700 Market	St.,	St. Louis	, MO 6	3101

Title

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### P.S.C. MO. No. 5 Consolidated, Second Revised Sheet No. R-45-a CANCELLING P.S.C. MO. No. 5 Consolidated, First Sheet No. R-45-a.

	clede Gas Company f Issuing Corporation or Municipality		Refer to Sheet No. R-1 Community, Town or City
	RULES	AND REGULATIONS	
35.	Conservation and Energy Efficiency	Programs (continued	<u>1)</u>
	Owners of, or customers living in, a participate in this program and must participating heating, ventilating and	apply for rebates three	ough the Company or through
	Rebate Limit: Individual dwelling u occupied or rental property, are eligi (furnace or boiler), two water heater thermostat rebates, under this progra	ible for a maximum of rebates, or two comb	f two heating system rebates
	Owners of multiple individually methating system rebates (furnace or b rebates, and 50 thermostat rebates de	oiler), 50 water heate	r rebates, or 50 combination unit
OF ISSU	JE April 1, 2015	DATE EFFE	CTIVE May 1, 2015

L. Craig Dowdy, Sr. VP Ext. Affairs, Corp, Comm, & Mkt., 700 Market St., St. Louis, MO 63101 Name of Officer Title Address

#### P.S.C. MO. No. 5 Consolidated, Third Revised Sheet No. R-46-a CANCELLING P.S.C. MO. No. 5 Consolidated, Second Revised Sheet No. R-46-a

Laclede Gas Company Name of Issuing Corporation or Municipality

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For Refer to Sheet No. R-1 Community, Town or City

#### \_\_\_\_\_ RULES AND REGULATIONS

35. Conservation and Energy Efficiency Programs (continued)

Equipment or Service	Rated	Rebate
Gas furnace	Greater than or equal to 92% but less than 94% AFUE*	\$200
Gas furnace	Greater than or equal to 94% AFUE*	\$250
Electronic programmable setback thermostat	Four pre-programmed settings for 7 day, 5+2 day, or 5-1-1 day models	\$40 or 50% of equipment cost, whichever is lower
Radiant Infrared Heater (Low-intensity heater, electronic ignition only)***	Rated greater than or equal to 20,000 BTU/hour and less than or equal to 250,000 BTU/hour	\$300
Condensing Unit Heater	Greater than or equal to 90% TE **	\$300
High Temperature Heating & Ventilating (HTHV)Direct-Fired Gas Heaters	Greater than or equal to 90% TE	\$500
Advanced Load Monitoring ("ALM") Boiler Control	ALM Retrofit to existing hot water space-heating boiler only	\$2000
Hot Water Boiler Outdoor Temperature Reset ("OTR") Control	OTR Retrofit to existing hot water space-heating boiler only.	\$200
Continuous modulating burner	Burner replacement considered efficiency improvement.	25% of equipment cost or \$15,000 per burner, whichever is lower
Gas-fired boiler tune up Non-Profit Customers	Submit combustion test results performed before and after turn up. Eligible for tune up every two years.	75% of the cost up to \$750 per boiler, whichever is lower
Gas-fired boiler tune up All other C/I customers	Submit combustion test results performed before and after turn up. Eligible for tune up every two years.	50% of the cost up to \$500 per boiler, whichever is lower

\*Annual Fuel Utilization Efficiency

\*\* Thermal Efficiency

\*\*\* All outdoor radiant infrared heating applications such as outdoor patios and golf ranges are not eligible.

DATE OF ISSUE	April 1 , 2015	DATE EFFECTIVE	May 1, 2015	
	Month Day Year		Month	Day Year
ISSUED BY	L. Craig Dowdy, Sr VP, Ext Affairs,	Corp. Comm. & Mkt.,	700 Market St.,	St. Louis, MO 63101
	Name of Officer	Title		Address

#### P.S.C. MO. No. 5 Consolidated First Revised Sheet No. R-46-b CANCELLING P.S.C. MO. No. 5 Consolidated, Original Sheet R-46-b

Laclede Gas Company

Name of Issuing Corporation or Municipality

For Refer to Sheet No. R-1 Community, Town or City

<b>Equipment or Service</b>	Rated	Rebate
Gas space heating boiler less than 300,000 BTU/hour input	Minimum efficiencies (AFUE*): Hot water: 85.0% Over 15 PSIG steam: 81.5% 15 PSIG or less steam: 83.0%	\$500/MMBTU/H + \$200/MMBTU/H per percentage point above min. AFUE* (max \$750)
Gas space heating boiler over 300,000 and less than 1,000,000 BTU/hour input	Minimum thermal efficiencies: Hot water: 83.0% Over 15 PSIG steam: 81.5% 15 PSIG or less steam: 83.0%	\$500/MMBTU/H + \$200/MMBTU/H per percentage point above min. efficiency (max \$1,500)
Gas space heating boiler over 1,000,000 BTU/hour input	Minimum thermal efficiencies: Hot water: 83.0% Over 15 PSIG steam: 81.5% 15 PSIG or less steam: 83.0%	\$500/MMBTU/H + \$200/MMBTU/H per percentage point above min. efficiency (max \$3,000)
Steam trap replacement. Maximum of 25 failing units per program year	Steam trap replacement considered efficiency improvement	50% of the equipment cost or \$2,500 total, whichever is lower
Vent damper	Damper installation considered efficiency improvement	50% of equipment cost or \$500 cap per boiler, whichever is lower
Primary air damper	Damper installation considered efficiency improvement.	50% of equipment cost or \$500 cap per boiler, whichever is lower
Gas Instantaneous Water Heater < 2 gallon	Greater than or equal to 0.82 EF**	\$300
Condensing Storage Water Heater Greater than 75,000 and less than or equal to 500,000 BTU/hour input	Greater than or equal to 0.90 TE***	\$250
*Annual Fuel ut	tilization Efficiency **Energy Factor*	*** Thermal Efficiency

### P.S.C. MO. No. 5 Consolidated, First Revised Sheet No. R-46-c CANCELLING P.S.C. MO No. 5 Consolidated Original Sheet R-46-c

Laclede Gas Company Name of Issuing Corporation or Municipality For \_\_\_\_\_

Refer to Sheet No. R-1 Community, Town or City

5. Conservation and Energy E	fficiency Programs (continued)	
Equipment or Service	Rated	Rebate
Food service gas steamer	ENERGY STAR qualified	50% of the equipment cost or \$475, whichever is lower
Food service gas fryer	ENERGY STAR qualified	50% of the equipment cost or \$350, whichever is lowe
Food service griddle Top and bottom surfaces of clamshell models must be gas	ENERGY STAR qualified	50% of the equipment cost or \$400, whichever is lowe
Food service gas convection gas oven	ENERGY STAR qualified	50% of the equipment cost or \$200, whichever is lowe
Combination Oven	ENERGY STAR qualified	50% of the equipment cost or \$500, whichever is lower
Conveyor Oven	New natural gas conveyor oven with baking energy efficiency of greater than 42%, and an idle energy consumption rate less than 57,000 BTU/hour utilizing ASTM standard F1817	50% of the equipment cost or \$300, whichever is lower
Rack Oven – single rack	New natural gas rack oven with baking efficiency greater than or equal to 50% utilizing ASTM standard 2093	50% of the equipment cost or \$500, whichever is lower
Rack Oven – double rack	New natural gas rack oven with baking efficiency greater than or equal to 50% utilizing ASTM standard 2093	50% of the equipment cost or \$1,000, whichever is lower

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# P.S.C. MO. No. 5 Consolidated, Original Sheet No. R-46-d CANCELLING All Previous Schedules

Laclede Gas Company Name of Issuing Corporation or Municipality

For Refer to Sheet No. R-1 Community, Town or City

Equipment or Service	Rated	<b>Rebate</b> 50% of the equipment
Infrared Char broiler	Natural gas char broiler with infrared burners **	cost or \$300, whichever is lower
Infrared Salamander Broiler	Natural gas salamander broiler with infrared burners**	50% of the equipment cost or \$200, whichever is lower
Infrared Rotisserie Oven	Natural gas rotisserie oven with infrared burners **	50% of the equipment cost or \$300, whichever is lower
Kitchen Demand Control Ventilation ("KDCV")	High efficiency KDCV must be a control system that varies the exhaust and/or make-up air flow rate(s) based on heat and smoke or vapors generated by cooking equipment. Temperature, timers, optical or other sensors may be used to sense ambient conditions and vary the speed of exhaust and/or make up air fans to meet ventilation requirements	\$300
Kitchen low flow spray wash nozzle. Maximum of 2 nozzles.	*GPM rating of 1.6 or less	50% of equipment cost or \$100 per nozzle, whichever is lower

DATE OF ISSUE		DATE EFFECTIVE	May 1, 2015
	Month Day Year		Month Day Year
ISSUED BY	L. Craig Dowdy, Sr VP, Ext. Af	fairs, Corp. Comm. & Mkt, 700 Market	t St., St. Louis, MO 63101
	Name of Officer	Title	Address

# P.S.C. MO. No. 5 Consolidated, Third Revised Sheet No. R-47-a CANCELLING P.S.C. MO. No. 5 Consolidated, Second Revised Sheet No. R-47-a

	RULES AND REGULATIONS
35.	Conservation and Energy Efficiency Programs (continued)
	Rebate Limit: During a program year, a commercial or industrial customer's total rebate is limited to \$100,000 or the remaining uncommitted budget for the current program year, whichever is lower. Remaining uncommitted program budgets may be reallocated by the EEC to other programs if not part of unexpired rebate pre-approvals committed for proposed customer projects. All measures that receive pre-approval must be implemented / installed within six (6) months of the date of pre-approval, and all invoice(s) and other required project documentation must be submitted within eight (8) months of the date of pre-approval.

Title

Name of Officer

#### P.S.C. MO. No. 5 Consolidated Third Revised Sheet No. R-48-a CANCELLING P.S.C. MO. No. 5 Consolidated, Second Revised Sheet R-48-a

Laclede Gas Company

Name of Issuing Corporation or Municipality

For Refer to Sheet No. R-1

Community, Town or City

# RULES AND REGULATIONS 35. Conservation and Energy Efficiency Programs (continued) D. Program Year: Effective beginning in 2013 the program year will begin on October 1 and end on September 30 of the following year, except for the first year of each new program, in which case the program year will begin with the Commission-approved effective date of the tariff sheets originally filed to implement such program. E. **Program Tracking and Reporting:** Within forty-five days of the end of each calendar quarter, the Company shall submit a status report to the EEC regarding the cost and participation of its conservation and energy efficiency programs including: the number of energy efficiency measures implemented, summarized by measure type, and customer type for each calendar quarter and cumulatively for the fiscal year or program year; (Measure Types: Residential - summarized for each type of prescriptive equipment or service. Commercial and Industrial - summarized for each type of prescriptive equipment or service, type of custom rebate, and for the audits.) funds invested in each energy efficiency program for each calendar quarter and cumulatively for the fiscal year or program year.

- estimated savings for each energy efficiency program for each calendar quarter and cumulatively for the fiscal year or program year
- F. <u>Post-implementation Evaluation</u>:

A detailed post-implementation evaluation of the initial two (2) years of each new program shall be completed within six (6) months of the end of each program's second year. Additionally, a detailed post-implementation evaluation of the Residential High Efficiency Rebate and Commercial and Industrial Rebate Programs will be completed no later than December 1, 2017. Where feasible, these reviews will include both process evaluations and cost effectiveness (impact) evaluations. Evaluations may be performed after less than two years of program implementation if the EEC determines this is preferable. Further evaluation of existing programs may be performed as determined by the EEC. Post-implementation evaluations will then be used in the selection and design of future programs.

DATE OF ISSUE	April 1, 2010	DATE EFFECTIVE	May 1, 2015
	Month Day Year		Month Day Year
ISSUED BY	• •	• •	., 700 Market St., St. Louis, MO 63101
	Name of Officer	Title	Address