

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.1/27  
Replacing: Original Sheet No. 1-3A.2/27  
CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)  
Kind of Service: Natural Gas Class of Service: Large Commercial  
PART I – Rate Schedule No. 3 Appendix  
**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

**LARGE VOLUME COMMERCIAL CUSTOMER AGREEMENT**  
(System Supply Option)

THIS AGREEMENT (the "Agreement") is made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas

hereinafter referred to as "Company," and

\_\_\_\_\_,  
a \_\_\_\_\_ corporation,

hereinafter referred to as "Customer,"

WITNESSETH THAT:

WHEREAS, Company is a local distribution company; and

WHEREAS, Customer owns or operates a facility and has requested natural gas service under Company's Rate Schedule No. 3, Large Commercial Firm Service (hereinafter referred to as "LCS-1");

NOW THEREFORE, Company agrees to provide the services to Customer as hereinafter set forth and Customer agrees to pay for such services and comply with the provisions hereof, on the following terms and conditions:

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.2/27

Replacing: Original Sheet No. 1-3A.2/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

ARTICLE I  
SUPPLY OPTION

Section 1.1 – Customer has selected the System Supply Option ("SSO") under LCS-1 pursuant to which Customer will be delivered natural gas supply designated as general system supply of Company for the term of this Agreement.

ARTICLE II  
TERM

Section 2.1 – This Agreement shall remain in force for a primary term beginning \_\_\_\_\_ and ending \_\_\_\_\_, and from year to year thereafter unless terminated by either party by a minimum of sixty (60) days' written notice prior to the end of the primary or any succeeding term.

ARTICLE III  
POINT OF DELIVERY

Section 3.1 – Company shall deliver gas to Customer at the outlet of Company's facilities at the Point(s) of Delivery designated on Exhibit "A" hereto.

ARTICLE IV  
QUANTITIES

Section 4.1 – As used herein, the following terms shall have the following meanings:

Maximum Daily Winter Quantity ("MDWQ") shall mean the total maximum MMBtu which Company shall be obligated to deliver on a firm basis on any given day on behalf of Customer during the period November through March of each year.

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.3/27

Replacing: Original Sheet No. 1-3A.3/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

Maximum Hourly Quantity ("MHQ") shall mean the maximum MMBtu Company is obligated to deliver or receive in any single hour.

Average Daily Volume shall be calculated by dividing the annual volume by 365.

Section 4.2 – The Maximum Daily Winter Quantity ("MDWQ"), the Maximum Hourly Quantity ("MHQ") and the Average Daily Volume applicable to services rendered under this Agreement are set forth on Exhibit "A" hereto.

Section 4.3 – The MDWQ and Average Daily Volume may be adjusted pursuant to the provisions of Part 3.2.4. of LCS-1.

ARTICLE V  
RATES

Section 5.1 – Customer shall pay to Company each month for all services rendered hereunder the charges, fees, surcharges, taxes, penalties, balancing charges, adjustments and assessments provided for in LCS-1 and associated riders, as on file and in effect from time to time.

Section 5.2 - The capacity demand ("CD") shall be the billing determinant for distribution demand charges and gas supply demand charges. Each individually metered point of delivery shall have a CD equal to the higher of (i) the MDWQ, subject to the maximum quantities provision in LCS-1; (ii) the Average Daily Volume.

ARTICLE VI  
MISCELLANEOUS

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.4/27

Replacing: Original Sheet No. 1-3A.4/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

Section 6.1 – Customer represents that it qualifies for service under LCS-1.

Section 6.2 – Customer agrees to certify, document and update in writing annually prior to October 1 its human needs requirements and other requirements necessary for the preservation of life, health or physical property, and any material change to the level of said requirements.

Section 6.3 – Customer agrees that Company shall have the right at any time and from time to time to file and place into effect unilateral changes or modifications in the rates and charges, and other terms and conditions of service hereunder, in accordance with applicable law. Company agrees that Customer may protest or contest any such charges or modifications.

Section 6.4 – Service hereunder shall be in accordance with and subject to, and both parties agree to be bound by, all applicable terms and conditions set forth in LCS-1, as in effect from time to time, which terms and conditions are incorporated herein by reference.

Section 6.5 – Customer agrees that, to the extent not already satisfied, Customer shall pay Company for the installation of appropriate telemetering equipment to be installed and owned by Company under one of the following payment options as chosen by the customer:

( ) Option 1: Customer agrees to provide an analog phone line for each meter and pay for standard telemetry equipment and installation costs for each meter.

Customer will be subject to meter reading fees for an inoperable phone line for each meter.

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.5/27

Replacing: Original Sheet No. 1-3A.5/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

( ) Option 2: Customer will provide an analog phone line for each meter but elects to pay a monthly fee for standard telemetry equipment and installation costs for each meter. The fee will be \$30 per month per meter for meters that do not require pressure instrumentation and \$84 per month per meters that do require pressure instrumentation. The customer will be subject to meter reading fees for an inoperable phone line for each meter.

( ) Option 3: Customer elects wireless service through CenterPoint Energy Arkansas Gas for each meter and agrees to pay for standard telemetry equipment and installation costs for each meter. The wireless service fee will be \$10 per month per meter, and Customer will not be subject to meter reading fees.

( ) Option 4: Customer elects wireless service through CenterPoint Energy Arkansas Gas for each meter and elects to pay a monthly fee for standard telemetry equipment and installation costs for each meter. The fee will be \$40 per month for meters that do not require pressure instrumentation and \$94 per month per meter for meters that do require pressure instrumentation. The customer will not be subject to meter reading fees.

Under any option chosen above, customer shall comply with all necessary and appropriate procedures, as required by Company, pertaining to the installation, reading, monitoring, testing, repair and maintenance of all telemetering and associated equipment.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date hereinabove first written.

COMPANY:

CENTERPOINT ENERGY RESOURCES CORP.  
d/b/a CenterPoint Energy Arkansas Gas



**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.7/27

Replacing: Original Sheet No. 1-3A.7/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

EXHIBIT A  
TO  
LARGE VOLUME COMMERCIAL CUSTOMER AGREEMENT  
(SYSTEM SUPPLY OPTION)

DELIVERY POINTS

Address: \_\_\_\_\_

CA# \_\_\_\_\_

Delivery Point(s)

For the account of  
Customer at Customer's  
Facility located at

\_\_\_\_\_,  
\_\_\_\_\_, Texas \_\_\_\_\_

QUANTITIES

Maximum Daily Winter Quantity ("MDWQ") \_\_\_\_\_ MMBtu

Maximum Hourly Quantity ("MHQ") \_\_\_\_\_ MMBtu

Average Daily Volume \_\_\_\_\_ MMBtu

Incorporated Cities of Texarkana, Nash, Redwater and Wake Village, Texas

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.8/27

Replacing: Original Sheet No. 1-3A.8/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

**LARGE VOLUME COMMERCIAL CUSTOMER AGREEMENT  
(Transportation Supply Option)**

THIS AGREEMENT (the "Agreement") is made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas

hereinafter referred to as "Company," and

\_\_\_\_\_,  
a \_\_\_\_\_ corporation,

hereinafter referred to as "Customer,"

**WITNESSETH THAT:**

WHEREAS, Company is a local distribution company; and

WHEREAS, Customer owns or operates a facility and has requested natural gas service under Company's Rate Schedule No. 3, Large Commercial Firm Service (hereinafter referred to as "LCS-1" or qualified "SCS-1, SCS-2 or SCS-3");

NOW THEREFORE, Company agrees to provide the services to Customer as hereinafter set forth and Customer agrees to pay for such services and comply with the provisions hereof, on the following terms and conditions:

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.9/27

Replacing: Original Sheet No 1-3A.9/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

**ARTICLE I**  
**SUPPLY OPTION**

Section 1.1 – Customer has selected the Transportation Supply Option ("TSO") under LCS-1 pursuant to which Customer will be delivered natural gas supply received for Customer's account at points of receipt on Company's distribution facilities for the term of this Agreement. If Customer later desires to convert to the Sales Supply Option ("SSO"), pursuant to which Customer will be delivered natural gas supply designated as general system supply of Company, Customer will be required to contract for such service between the months of February through April preceding the expiration of the primary or any succeeding term of this Agreement. Subject to this requirement, Customer will be allowed to convert to the SSO provided that the Company is able to secure firm upstream capacity and other upstream pipeline services sufficient to meet Customer's needs. Any such conversion will be effective upon the expiration of the term of this Agreement, unless the Company and the Customer agree otherwise.

Section 1.2 – If volume usage of meters at business facilities under Customer's common ownership and subject to other commercial rate schedules are aggregated for the sole purpose of qualifying for the TSO under LCS-1, then each individual account shall be treated as a separate account and shall be subject to the same rates and charges under the originating commercial rate schedule(s), in addition to any additional specific rates, charges or adjustment riders peculiar to the TSO under this rate schedule, such as, but not limited to, administrative fees.

**ARTICLE II**  
**TERM**

Section 2.1 – This Agreement shall remain in force for a primary term beginning \_\_\_\_\_ and ending \_\_\_\_\_, and from year to year thereafter unless terminated by either party by a minimum of sixty (60) days' written notice prior to the end of the primary or any succeeding term.

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.10/27  
Replacing: Original Sheet No. 1-3A.10/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

ARTICLE III  
POINTS OF RECEIPT AND DELIVERY

Section 3.1 – Company shall receive gas from Customer at the Point(s) of Receipt designated on Exhibit "A" hereto and Company shall deliver gas to Customer at the outlet of Company's facilities at the Point(s) of Delivery designated on Exhibit "A" hereto.

ARTICLE IV  
QUANTITIES

Section 4.1 - As used herein, the following terms shall have the following meanings:

Maximum Daily Winter Quantity ("MDWQ") shall mean the total maximum MMBtu which Company shall be obligated to receive or deliver on a firm basis on any given day on behalf of Customer during the period November through March of each year.

Maximum Hourly Quantity ("MHQ") shall mean the maximum MMBtu Company is obligated to receive or deliver in any single hour.

Average Daily Volume shall be calculated by dividing the annual volume by 365.

Section 4.2 – The Maximum Daily Winter Quantity ("MDWQ"), the Maximum Hourly Quantity ("MHQ") and the Average Daily Volume applicable to services rendered under this Agreement are set forth on Exhibit "A" hereto.

Section 4.3 – The MDWQ and Average Daily Volume may be adjusted pursuant to the provisions of Part 3.2.4. of LCS-1.

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.11/27

Replacing: Original Sheet No. 1-3A.11/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

Section 4.4 – Company shall not be obligated under any circumstances: (i) to deliver more gas to Customer during any given day or month than it shall have received for the account of Customer during said period; or (ii) to receive or deliver during any given Day a total quantity of gas in excess of the MDWQ or Average Daily Volume as applicable.

ARTICLE V  
RATES

Section 5.1 – Customer shall pay to Company each month for all services rendered hereunder the charges, fees, surcharges, taxes, penalties, balancing charges, adjustments and assessments provided for in LCS-1 and associated riders, or SCS-1, SCS-2 or SCS-3 and associated riders if subject to the aggregation provision in Part 3.1.2., as on file and in effect from time to time.

Section 5.2 – The capacity demand ("CD") shall be the billing determinant for distribution demand charges and gas supply demand charges. Each individually metered point of delivery shall have a CD equal to the higher of (i) the MDWQ, subject to the maximum quantities provision in LCS-1; (ii) the Average Daily Volume.

ARTICLE VI  
MISCELLANEOUS

Section 6.1 – Customer represents that it qualifies for service under LCS-1 or qualified SCS-1, SCS-2 or SCS-3.

Section 6.2 – Customer agrees to certify and document in writing its human needs requirements and other requirements necessary for the preservation of life, health or physical property, and any material change to the level of said requirements prior to the start of service. The Customer shall update the Company in writing when its human needs requirements change. If Customer has human needs requirements, then Customer provides the following certifications and authorizations by choosing Scenario A or B below:

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.12/27

Replacing: Original Sheet No. 1-3A.12/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

( ) Scenario A.

- Customer certifies that the \_\_\_\_\_ facility located at \_\_\_\_\_, \_\_\_\_\_, has human needs usage requirements of \_\_\_\_\_ MMBtu per day and that Customer has purchased and will continue to maintain the corresponding level of firm upstream pipeline capacity and upstream gas supply for the entire time period of November 1<sup>st</sup> through March 31<sup>st</sup> each year.
- Customer authorizes the Company to obtain the firm pipeline capacity information directly from the applicable upstream pipeline to ensure both the requisite level of capacity and that it is firm primary delivery point capacity at the appropriate location required to serve the facility.
- Customer furthermore certifies that it will maintain such firm primary delivery point capacity for each day of the November 1<sup>st</sup> through March 31<sup>st</sup> time period. If these certified arrangements should not be accurate, however, or if Customer's upstream pipeline capacity or upstream gas supply become insufficient for any reason, Customer is authorized by the Board of Directors or equivalent governing body to fully release CenterPoint Energy Arkansas Gas and CenterPoint Energy Resources Corp. from any and all claims, lawsuits, damages, costs, expenses, causes of action, and any and all liability associated with the interruption, curtailment, failure or suspension of natural gas service for any period of time. Customer further indemnifies CenterPoint Energy Arkansas Gas and CenterPoint Energy Resources Corp. from any and all claims, causes of action, lawsuits, damages, costs, expenses, and similar liability that might be asserted by third parties as a result of the interruption, curtailment, failure or suspension of natural gas service for any period of time.
- In the event of any change in circumstances pertaining to Customer's upstream pipeline and upstream gas supply arrangements, Customer agrees to immediately notify the appropriate person at the Company by sending a certified letter to the Company's Gas Flow Information Center at the following address:

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.13/27

Replacing: Original Sheet No. 1-3A.13/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
Gas Flow Information Center  
525 Milam Street, Room 207  
Shreveport, Louisiana 71101  
Telephone No.: 1-800-254-4342  
Facsimile No.: 1-318-429-3986

( ) Scenario B.

- Customer certifies that the \_\_\_\_\_ facility located at \_\_\_\_\_, \_\_\_\_\_ has on \_\_\_\_\_ hand a \_\_\_\_\_ fully functioning \_\_\_\_\_ back-up energy system (Describe type of back-up system) that can replace natural gas as the energy source for all of the facility's human needs usage requirements. This back-up system is also capable of being a continuing and sustaining source of energy for all of the facility's human needs usage requirements. Accordingly, on behalf of the Board of Directors or equivalent governing body, Customer hereby certifies it does require firm pipeline capacity and natural gas supplies to meet its facility's human needs usage requirements.
- Customer recognize that if all or any portion of its natural gas supply fails to reach the appropriate CenterPoint Energy Arkansas Gas delivery point, its natural gas service may be interrupted or curtailed.
- Customer acknowledges that the Company's sole responsibility to it is to redeliver to Customer's facilities such gas supplies as Customer or its agents physically deliver to the Company's city gate, subject to the curtailment priority schedule (Standard Service Rules and Regulations, Order of Curtailment), which will not categorize our facility as a human needs customer. In acknowledgement of these facts, should all or any portion of Customer's natural gas supplies fail to reach the

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.14/27

Replacing: Original Sheet No. 1-3A.14/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

appropriate Company city-gate delivery point, Customer is authorized by the Board of Directors or equivalent governing body to fully release CenterPoint Energy Arkansas Gas and CenterPoint Energy Resources Corp. from any and all claims, lawsuits, damages, costs, expenses, causes of action, and any and all liability associated with the interruption, curtailment, failure or suspension of natural gas service for any period of time. Customer further indemnify CenterPoint Energy Arkansas Gas and CenterPoint Energy Resources Corp. from any and all claims, causes of action, lawsuits, damages, costs, expenses, and similar liability that might be asserted by third parties as a result of the interruption, curtailment, failure or suspension of natural gas service for any period of time.

- In the event of any change in circumstances pertaining to our facility's energy backup system, Customer agrees to immediately notify the appropriate person at the Company by sending a certified letter to the Company's Gas Flow Information Center at the following address:

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
Gas Flow Information Center  
525 Milam Street, Room 207  
Shreveport, Louisiana 71101  
Telephone No.: 1-800-254-4342  
Facsimile No.: 1-318-429-3986

Section 6.3 - Customer agrees that Company shall have the right at any time and from time to time to file and place into effect unilateral changes or modifications in the rates and charges, and other terms and conditions of service hereunder, in accordance with applicable law. Company agrees that Customer may protest or contest any such charges or modifications.

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.15/27

Replacing: Original Sheet No. 1-3A.15/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

Section 6.4 - Service hereunder shall be in accordance with and subject to, and both parties agree to be bound by, all applicable terms and conditions set forth in LCS-1, as in effect from time to time, which terms and conditions are incorporated herein by reference.

Section 6.5 - Customer agrees that, to the extent not already satisfied, Customer shall pay Company for the installation of appropriate telemetering equipment to be installed and owned by Company under one of the following payment options as chosen by the customer:

- ( ) Option 1: Customer agrees to provide an analog phone line for each meter and pay for standard telemetry equipment and installation costs for each meter. Customer will be subject to meter reading fees for an inoperable phone line for each meter.
- ( ) Option 2: Customer will provide an analog phone line for each meter but elects to pay a monthly fee for standard telemetry equipment and installation costs for each meter. The fee will be \$30 per month per meter for meters that do not require pressure instrumentation and \$84 per month per meters that do require pressure instrumentation. The customer will be subject to meter reading fees for an inoperable phone line for each meter.
- ( ) Option 3: Customer elects wireless service through CenterPoint Energy Arkansas Gas for each meter and agrees to pay for standard telemetry equipment and installation costs for each meter. The wireless service fee will be \$10 per month per meter, and Customer will not be subject to meter reading fees.
- ( ) Option 4: Customer elects wireless service through CenterPoint Energy Arkansas Gas for each meter and elects to pay a monthly fee for standard telemetry equipment and installation costs for each meter. The fee will be \$40 per month for meters that do not require pressure instrumentation and \$94 per month per meter for meters that do require pressure instrumentation. The customer will not be subject to meter reading fees.

Under any option chosen above, Customer shall comply with all necessary and appropriate procedures, as required by Company, pertaining to the installation, reading, monitoring, testing, repair and maintenance of all telemetering and associated equipment.

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.16/27  
Replacing: Original Sheet No. 1-3A.16/27  
CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)  
Kind of Service: Natural Gas Class of Service: Large Commercial  
PART I – Rate Schedule No. 3 Appendix  
**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

Section 6.7 – This agreement shall be governed by and construed in accordance with the laws of the State of Texas. Any proceeding related to any cause of action of any nature arising in this contract may be brought only before the appropriate forum in Texas.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date hereinabove first written.

COMPANY:

CENTERPOINT ENERGY RESOURCES CORP.  
d/b/a CenterPoint Energy Arkansas Gas

By: \_\_\_\_\_  
[Name]  
[Title]

CUSTOMER:

\_\_\_\_\_  
By: \_\_\_\_\_  
[Name]  
[Title]  
[Address]

EXHIBIT A

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.17/27

Replacing: Original Sheet No. 1-3A.17/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

TO  
LARGE VOLUME COMMERCIAL CUSTOMER AGREEMENT  
(TRANSPORTATION SUPPLY OPTION)  
RECEIPT AND DELIVERY POINTS

Address: \_\_\_\_\_  
CA# \_\_\_\_\_

Receipt Points

The gas will be received for Customer's account at the point(s) where the \_\_\_\_\_ (Upstream Pipeline) is interconnected with the distribution facilities of CenterPoint Energy Resources Corp., d/b/a CenterPoint Energy Arkansas Gas at or near \_\_\_\_\_, Texas.

Delivery Point(s)

For the account of  
Customer at Customer's  
Facility located at

\_\_\_\_\_,  
\_\_\_\_\_, Texas \_\_\_\_\_

QUANTITIES

Maximum Daily Winter Quantity ("MDWQ") \_\_\_\_\_ MMBtu

Maximum Hourly Quantity ("MHQ") \_\_\_\_\_ MMBtu

Average Daily Volume \_\_\_\_\_ MMBtu

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.18/27

Replacing: Original Sheet No. 1-3A.18/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

**PREDETERMINED ALLOCATION AGREEMENT**

THIS AGREEMENT is made and entered into by CenterPoint Energy Resources Corp., d/b/a CenterPoint Energy Arkansas Gas ("Company") and \_\_\_\_\_ ("Customer") effective \_\_\_\_\_.

WHEREAS, Company and Customer are parties to Large Commercial Service Agreements (the "Agreements") entered pursuant to Company's Rate Schedule No. 3, Large Commercial Firm Service (hereinafter referred to as "LCS-1"); and

WHEREAS, the Agreements select more than one of the two supply options offered under Part 3.1.3. of LCS-1; and

WHEREAS, the parties wish to enter this Predetermined Allocation Agreement.

NOW, THEREFORE, pursuant to Part 3.22. of LCS-1, Company and Customer hereby agree as follows:

1. In the event gas received by Company at any single delivery point involves supply under more than one of the two supply options offered under LCS-1, then such deliveries shall be allocated to each service option in the following manner:

[Describe allocation method]

2. [other provisions]

3. This Agreement shall be effective for at least one Service Month, and shall remain in effect until superceded by a new Predetermined Allocation Agreement.

4. This Predetermined Allocation Agreement is subject to all applicable terms and conditions set forth in LCS-1, as in effect from time to time, which provisions are incorporated herein by reference.

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.19/27

Replacing: Original Sheet No. 1-3A.19/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

Company:

CENTERPOINT ENERGY RESOURCES CORP.  
d/b/a CenterPoint Energy Arkansas Gas

By: \_\_\_\_\_  
Title

Customer:  
\_\_\_\_\_

By: \_\_\_\_\_  
Title

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.20/27

Replacing: Original Sheet No. 1-3A.20/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

**POOLING SERVICE AGREEMENT**

THIS AGREEMENT (the "Agreement") is made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas

hereinafter referred to as "Company," and

\_\_\_\_\_,  
a \_\_\_\_\_ corporation,

hereinafter referred to as "Pool Manager,"

WITNESSETH THAT:

WHEREAS, Company is a local distribution company; and

WHEREAS, Pool Manager has entered into agency agreements with the entities identified on Exhibit A hereto, as the same may be revised from time to time during the term of this Agreement, (hereinafter referred to collectively as "Customers") who Pool Manager represents have entered into Large Volume Commercial Customer Agreements, Transportation Supply Option, under Company's Rate Schedule No. 3, Large Commercial Firm Service (hereinafter referred to as "LCS-1"); and

WHEREAS, pursuant to the agency agreements between Pool Manager and Customers, Pool Manager is authorized to act on behalf of Customer's in all respects, including the submission of nominations and allocation information in accordance with LCS-1; and

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.21/27

Replacing: Original Sheet No. 1-3A.21/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

WHEREAS, Pool Manager and Customers desire to avail themselves of the Pooling Service offered by Company pursuant to Part 3.23. of LCS-1.

NOW THEREFORE, Company and Pool Manager, acting individually, and as agent for Customers, agree as follows:

ARTICLE I  
NOMINATIONS AND ALLOCATIONS

Section 1.1 – Pool Manager agrees to submit to Company on behalf of Customers all nominations and allocation information required pursuant to LCS-1.

ARTICLE II  
IMBALANCES

Section 2.1 – Imbalances between receipts and deliveries among the Customers subject to this Agreement will be calculated by determining the difference between the total aggregated deliveries by the Customers to Company at receipt points and the total aggregated deliveries received by the Customers at delivery points.

Section 2.2 – The imbalance tolerance set forth in Parts 3.21.5. and 3.21.8. shall apply to the aggregated imbalance total, unless and until pooling rights are interrupted by Company for a specified period.

ARTICLE III  
PAYMENTS

Section 3.1 – Payments due Company for Customers' imbalances arising under LCS-1 shall be paid by Pool Manager.

Section 3.2 – In the event Pool Manager should fail to timely pay the imbalances set forth in Section 3.1 of this Agreement, then Company shall redetermine the imbalance

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.22/27  
Replacing: Original Sheet No. 1-3A.22/27  
CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)  
Kind of Service: Natural Gas Class of Service: Large Commercial  
PART I – Rate Schedule No. 3 Appendix  
**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

payments due by each Customer, which redetermination shall be made without benefit of the aggregated tolerances, and each Customer shall pay the said redetermined imbalance payment.

ARTICLE IV  
TERM

Section 4.1 – This Agreement shall be effective \_\_\_\_\_ and, shall continue from month to month thereafter until terminated by either party upon written notice delivered at least five (5) days prior to the beginning of a month.

ARTICLE V  
MISCELLANEOUS

Section 5.1 – Pool Manager represents that it is authorized to act on behalf of Customers with respect to the service rendered hereunder.

Section 5.2 – Pool Manager agrees that Company shall have the right at any time and from time to time to file and place into effect unilateral changes or modifications in the rates and charges, and other terms and conditions of service hereunder, in accordance with applicable law. Company agrees that Pool Manager may protest or contest any such charges or modifications.

Section 5.3 – Service hereunder shall be in accordance with and subject to, and the parties agree to be bound by, all applicable terms and conditions set forth in LCS-1, as in effect from time to time, which terms and conditions are incorporated herein by reference.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date hereinabove first written.

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.23/27

Replacing: Original Sheet No. 1-3A.23/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

COMPANY:

CENTERPOINT ENERGY RESOURCES CORP.  
d/b/a CenterPoint Energy Arkansas Gas

By: \_\_\_\_\_

[Name]

[Title]

POOL MANAGER,  
INDIVIDUALLY AND AS AGENT  
FOR CUSTOMERS

\_\_\_\_\_

By: \_\_\_\_\_

[Name]

[Title]

[Address]

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.24/27

Replacing: Original Sheet No. 1-3A.24/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

**AGENCY AGREEMENT  
CENTERPOINT ENERGY RESOURCES CORP.  
D/B/A CENTERPOINT ENERGY ARKANSAS GAS**

[Customer]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

[Agent]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

RE: Large Volume Commercial Customer Agreement (Transportation Supply Option) ("Agreement") dated as of \_\_\_\_\_, by and between CenterPoint Energy Resources Corp., d/b/a/ CenterPoint Energy Arkansas Gas ("Company"), and \_\_\_\_\_, ("Customer")

Ladies and Gentlemen:

This Letter will evidence the understanding between \_\_\_\_\_ ("Customer"), \_\_\_\_\_ ("Agent") and CenterPoint Energy Resources Corp., d/b/a CenterPoint Energy Arkansas Gas ("Company"), that effective as of \_\_\_\_\_, Agent will act as Customer's agent for services provided by Company pursuant to the referenced Agreement for all purposes related thereto, unless expressly provided otherwise herein, including, but not limited to, the purposes of submitting and receiving notices, nominations and other information related to receipts and deliveries of gas and performing other administrative or contractual duties [including payment obligations,] under the Agreement and as required by Company's Rate Schedule

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.25/27

Replacing: Original Sheet No. 1-3A.25/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

No. 3, Large Commercial Firm Service ("LCS-1"), as on file and in effect from time to time. Company will coordinate with Agent for all imbalance administration, contract administration, nominations, scheduling and allocations for Customer's account, and shall be entitled to rely on Agent's actions with respect to the Agreement.

( ) Timely payments made by Agent to Company for services rendered to Customer in accordance with the terms of the Agreement and for any penalties, fees, assessments or other charges assessed against Customer's account by Company shall be credited to Customer's account and all notices given to Agent shall be deemed given to Customer.

( ) Company shall make any cash balancing payments it may be required to make for Customer's account to Agent. Company shall make any refund payments it may be required to make directly to Agent.

Agent agrees to indemnify, defend and hold harmless Company from any and all liabilities, losses, damages, expenses, claims, actions and fines of whatever nature (including, but not limited to, attorney's fees and court costs incurred by Company, whether related to the collection of any amounts due under the Agreement or otherwise) resulting from Company's reliance on Agent, including, but not limited to, actions taken by Company pursuant to Agent's action or inaction under the Agreement. Customer shall remain liable to Company for all of its obligations as Customer under the Agreement, and Company shall have no duty, liability or responsibility whatsoever to Agent. Customer acknowledges that if Agent acts as a Pool Manager pursuant to Part 3.23. of LCS-1 and (i) should the Pool Manager fail to pay invoices calculated at the aggregated level, or (ii), should Company interrupt Pooling Service for any reason pursuant to Part 3.23.1. of LCS-1, then upon default to the individual Customer invoice, the invoice shall be recalculated at the individual Customer level, without benefit of the aggregated tolerance, as provided in Part 3.23.4. of LCS-1.

Customer's designation and appointment of Agent may be terminated or canceled by Customer, Agent, or Company but no such termination or cancellation shall be effective as to Company until the first day of the month, following the expiration of a five (5) day

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First Revised Sheet No. 1-3A.26/27

Replacing: Original Sheet No. 1-3A.26/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX** Effective: September 1, 2017

period after Company's receipt of written notice of such termination or cancellation from Customer or Agent. Notwithstanding the foregoing, this designation and appointment of Agent shall automatically terminate upon termination or cancellation of the referenced Agreement. This Agency Agreement will supersede any previously executed Agency Agreements.

If the foregoing is acceptable, please so indicate by having an authorized officer execute and return to the undersigned.

Very truly yours,

CENTERPOINT ENERGY RESOURCES CORP.  
d/b/a/ CenterPoint Energy Arkansas Gas

By: \_\_\_\_\_

ACCEPTED AND AGREED TO THIS  
\_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_

CUSTOMER:  
\_\_\_\_\_

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 1-3A.27/27

Replacing: Original Sheet No. 1-3A.27/27

CenterPoint Energy Resources Corp.  
d/b/a CenterPoint Energy Arkansas Gas  
(Name of Company)

Kind of Service: Natural Gas Class of Service: Large Commercial

PART I – Rate Schedule No. 3 Appendix

**Title: LARGE CUSTOMER FIRM SERVICE (LCS-1) APPENDIX**

Effective: September 1, 2017

ACCEPTED AND AGREED TO THIS  
\_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_

AGENT:  
\_\_\_\_\_

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_