

ARKANSAS PUBLIC SERVICE COMMISSION

Original

Sheet No. 3-3A.1/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

PSC File Mark Only

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:

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ARKANSAS PUBLIC SERVICE COMMISSION

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Sheet No. 3-3A.2/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

PSC File Mark Only

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.

ARKANSAS PUBLIC SERVICE COMMISSION

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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 III – Rate Schedule No. 3 Appendix

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

PSC File Mark Only

Maximum Daily Summer Quantity ("MDSQ") 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 April through October of each year.

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

Annual Volume Limitation ("AVL") shall mean the total maximum MMBtu which Company shall be obligated to deliver during the contract year, consisting of 12 consecutive billing periods.

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

Section 4.3 – The MDWQ, MDSQ and AVL 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.

ARKANSAS PUBLIC SERVICE COMMISSION

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Sheet No. 3-3A.4/27

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Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

PSC File Mark Only

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 AVL, subject to the maximum quantities provision in LCS-1, divided by 365.

ARTICLE VI
MISCELLANEOUS

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 reimburse Company for the installation of appropriate telemetering equipment to be installed and owned by Company, and that Customer shall install and pay for the corresponding telephone lines acceptable to Company at each meter serving Customer in order to enable Company to accurately monitor Customer's volume usage. 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.

ARKANSAS PUBLIC SERVICE COMMISSION

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Sheet No. 3-3A.5/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

PSC File Mark Only

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]

ARKANSAS PUBLIC SERVICE COMMISSION

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Sheet No. 3-3A.6/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

PSC File Mark Only

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

_____,
_____, Arkansas _____

QUANTITIES

Maximum Daily Winter Quantity ("MDWQ") _____ MMBtu

Maximum Daily Summer Quantity ("MDSQ") _____ MMBtu

Maximum Hourly Quantity ("MHQ") _____ MMBtu

Annual Volume Limitation ("AVL") _____ MMBtu

ARKANSAS PUBLIC SERVICE COMMISSION

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

Replacing: Original Sheet No. 3-3A.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 III – Rate Schedule No. 3 Appendix

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

PSC File Mark Only

**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”);

AT

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:

ARKANSAS PUBLIC SERVICE COMMISSION

Original

Sheet No. 3-3A.8/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

PSC File Mark Only

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.

ARKANSAS PUBLIC SERVICE COMMISSION

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Sheet No. 3-3A.9/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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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 Daily Summer Quantity ("MDSQ") 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 April through October of each year.

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

Annual Volume Limitation ("AVL") shall mean the total maximum MMBtu which Company shall be obligated to deliver during the contract year, consisting of 12 consecutive billing periods.

ARKANSAS PUBLIC SERVICE COMMISSION

First Revised Sheet No. 3-3A.10/27

Replacing: Original Sheet No. 3-3A.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 III – Rate Schedule No. 3 Appendix

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

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

Section 4.3 – The MDWQ, MDSQ and AVL may be adjusted pursuant to the provisions of Part 3.2.4. of LCS-1.

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 MDSQ 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.

AT

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 AVL, subject to the maximum quantities provision in LCS-1, divided by 365.

ARKANSAS PUBLIC SERVICE COMMISSION

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

Replacing: Original Sheet No. 3-3A.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 III – Rate Schedule No. 3 Appendix

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

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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, 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.

If Customer has human needs requirements, then Customer agrees to provide the additional certifications if required under Part 3.1.6. of LCS-1.

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: (1) customer will reimburse Company for the full, installed cost of such telemetry equipment, or (2) customer will pay Company a monthly fee per meter for the entire period such meter(s) is(are) served under any TSO rate schedule, as set forth under Part 3.6 of LCS-1. Customer also agrees that if Customer chooses analog telemetry, that Customer shall install and pay for the corresponding telephone lines acceptable to Company at each meter serving Customer in order to enable Company to accurately monitor Customer’s volume usage, and that if Customer chooses wireless

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ARKANSAS PUBLIC SERVICE COMMISSION

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

Replacing: Original Sheet No. 3-3A.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 III – Rate Schedule No. 3 Appendix

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

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telemetry, if suitable wireless service is available, then Customer shall pay Company \$10 per month per meter for wireless telemetry service for the entire period such meter(s) is(are) served under this or any other transportation rate schedule. 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.

Section 6.6 – To the extent applicable, nothing in this agreement shall serve to waive the sovereign immunity of the State of Arkansas or its affiliated agencies, which is guaranteed under Article 5, Section 20 of the Arkansas Constitution.

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

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]

ARKANSAS PUBLIC SERVICE COMMISSION

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Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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EXHIBIT A
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 _____, Arkansas.

Delivery Point(s)

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

_____,
_____, Arkansas _____

QUANTITIES

Maximum Daily Winter Quantity ("MDWQ") _____ MMBtu

Maximum Daily Summer Quantity ("MDSQ") _____ MMBtu

Maximum Hourly Quantity ("MHQ") _____ MMBtu

Annual Volume Limitation ("AVL") _____ MMBtu

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Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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**AFFIDAVIT OF
HUMAN NEEDS REQUIREMENTS**

STATE OF ARKANSAS)

COUNTY OF _____)

I, _____, _____
(Name) (Title)

of _____, do hereby affirm and attest to the following facts under either paragraph A or B, as applicable, and furthermore am authorized by the Board of Directors (or, in the event no Board exists, the equivalent governing body) to give the following release and indemnity.

() A. I certify that the _____ facility located at _____, _____, has human needs usage requirements of _____ MMBtu per day and that we have 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 1st through March 31st each year. I authorize CenterPoint Energy Resources Corp., d/b/a CenterPoint Energy Arkansas Gas (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 my facility. I furthermore certify that I will maintain such firm primary delivery point capacity for each day of the November 1st through March 31st time period. If these certified arrangements should not be accurate, however, or if our upstream pipeline capacity or upstream gas supply become insufficient for any reason, I am 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. We further indemnify CenterPoint Energy Arkansas Gas and CenterPoint Energy Resources Corp. from any and all

ARKANSAS PUBLIC SERVICE COMMISSION

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Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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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. Nevertheless, to the extent applicable, nothing in this Affidavit shall in any manner serve to waive the sovereign immunity of the State of Arkansas.

In the event of any change in circumstances pertaining to our upstream pipeline and upstream gas supply arrangements, I will 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

() B. I certify 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, I hereby certify that we do not require firm pipeline capacity and natural gas supplies to meet our facility's human needs usage requirements.

We recognize that if all or any portion of our natural gas supply fails to reach the appropriate CenterPoint Energy Arkansas Gas delivery point, our natural gas service may be interrupted or curtailed. We acknowledge that the Company's sole responsibility to us is to redeliver to our

ARKANSAS PUBLIC SERVICE COMMISSION

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Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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facilities such as gas supplies as we or our agents physically deliver to the Company's city gate, subject to the curtailment priority schedule (Policy Schedule No. 9) which will not categorize our facility as a human needs customer. In acknowledgement of these facts, should all or any portion of our natural gas supplies fail to reach the appropriate Company city-gate delivery point, I am 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. We 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. Nevertheless, to the extent applicable, nothing in this Affidavit shall in any manner serve to waive the sovereign immunity of the State of Arkansas.

In the event of any change in circumstances pertaining to our facility's energy backup system, I will 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

ARKANSAS PUBLIC SERVICE COMMISSION

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Sheet No. 3-3A.17/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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In witness whereof, I have hereunto set my hand this ____ day of _____
_____.

Affiant

Title

Subscribed and sworn to before me this _____ day of _____.
(SEAL)

Notary Public

My Commission Expires: _____

ARKANSAS PUBLIC SERVICE COMMISSION

Original

Sheet No. 3-3A.18/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

PSC File Mark Only

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 superseded by a new Predetermined Allocation Agreement.

ARKANSAS PUBLIC SERVICE COMMISSION

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Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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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.

Company:

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

By: _____
Title

Customer:

By: _____
Title

ARKANSAS PUBLIC SERVICE COMMISSION

Original

Sheet No. 3-3A.20/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

PSC File Mark Only

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

THIS SPACE FOR PSC USE ONLY

ARKANSAS PUBLIC SERVICE COMMISSION

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Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

PSC File Mark Only

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.

ARKANSAS PUBLIC SERVICE COMMISSION

Original

Sheet No. 3-3A.22/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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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 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.

ARKANSAS PUBLIC SERVICE COMMISSION

Original

Sheet No. 3-3A.23/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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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]

ARKANSAS PUBLIC SERVICE COMMISSION

Original

Sheet No. 3-3A.24/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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**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

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Original

Sheet No. 3-3A.25/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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as required by Company's Rate Schedule 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 period after

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Sheet No. 3-3A.26/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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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 supercede 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 _____, 200____

CUSTOMER:

By: _____
Name: _____
Title: _____

ARKANSAS PUBLIC SERVICE COMMISSION

Original

Sheet No. 3-3A.27/27

Replacing:

Sheet No.

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 III – Rate Schedule No. 3 Appendix

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

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ACCEPTED AND AGREED TO THIS

_____ DAY OF _____, 200__

AGENT:

By: _____

Name: _____

Title: _____