

Date: 08/01/2019
To: Uniper Global Commodities North America LLC
Attention: Contract Administration
Fax Num: (312) 840-4551 Email: ugcnaconfirmations@uniper.energy
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2018003730

End Date: 07/31/2019

We are pleased to confirm the following physical transaction concluded with your company on 3/7/2018.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 11/28/2016

LG&E Trader: DUANE SCHRADER

Service Level: FIRM

Counterparty: Uniper Global Commodities North America LLC

Contact Name: GREG STOCKARD

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Uniper Global Commodities North America LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/01/2019	07/31/2019	10000	2.57550

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Uniper Global Commodities North America LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

The information contained in this facsimile message, and in any accompanying documents, constitutes privileged confidential information which belongs to LG&E & KU. This information is intended only for the use of the individual or entity named above. If you are not the intended recipient of this information, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any disclosure, copying, distribution, dissemination, or the taking of any action in reliance on this information is strictly prohibited.

Date: 08/01/2019
To: Uniper Global Commodities North America LLC
Attention: Contract Administration
Fax Num: (312) 840-4551 Email: ugcnaconfirmations@uniper.energy
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2018005179

End Date: 07/31/2019

We are pleased to confirm the following physical transaction concluded with your company on 4/11/2018.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 11/28/2016

LG&E Trader: DUANE SCHRADER

Service Level: FIRM

Counterparty: Uniper Global Commodities North America LLC

Contact Name: NATALIE BAKER

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Uniper Global Commodities North America LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/01/2019	07/31/2019	10000	2.53400

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Uniper Global Commodities North America LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Uniper Global Commodities North America LLC
Attention: Contract Administration
Fax Num: (312) 840-4551 Email: ugcnaconfirmations@uniper.energy
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2018008183

End Date: 07/31/2019

We are pleased to confirm the following physical transaction concluded with your company on 6/12/2018.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 11/28/2016

LG&E Trader: DUANE SCHRADER

Service Level: FIRM

Counterparty: Uniper Global Commodities North America LLC

Contact Name: GREG STOCKARD

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Uniper Global Commodities North America LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/01/2019	07/31/2019	20000	2.48850

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Uniper Global Commodities North America LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: J. Aron & Company LLC
Attention: Contract Administration
Fax Num: (212) 493-9846 Email: jaron@gs.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2018013254

End Date: 07/31/2019

We are pleased to confirm the following physical transaction concluded with your company on 10/10/2018.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 8/4/2015

LG&E Trader: DUANE SCHRADER

Service Level: FIRM

Counterparty: J. Aron & Company LLC

Contact Name: EUGENE GORLEKU

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: J. Aron & Company LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/01/2019	07/31/2019	10000	2.59500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company J. Aron & Company LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Colonial Energy, Inc.
Attention: Contract Administration
Fax Num: (703) 218-3059 Email: confirms@colonialenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005579

End Date: 07/01/2019

We are pleased to confirm the following physical transaction concluded with your company on 6/28/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 6/9/2003

LG&E Trader: MATT SYBERT

Service Level: FIRM

Counterparty: Colonial Energy, Inc.

Contact Name: CAROLYN GILBERT

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Colonial Energy, Inc.

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/01/2019	07/01/2019	12000	2.19000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Colonial Energy, Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005580

End Date: 07/01/2019

We are pleased to confirm the following physical transaction concluded with your company on 6/28/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/01/2019	07/01/2019	50000	2.19000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Colonial Energy, Inc.
Attention: Contract Administration
Fax Num: (703) 218-3059 Email: confirms@colonialenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005659

End Date: 07/01/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/1/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 6/9/2003

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Colonial Energy, Inc.

Contact Name: CAROLYN GILBERT

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Colonial Energy, Inc.

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/01/2019	07/01/2019	5000	2.24000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Colonial Energy, Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Colonial Energy, Inc.
Attention: Contract Administration
Fax Num: (703) 218-3059 Email: confirms@colonialenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005660

End Date: 07/02/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/1/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 6/9/2003

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Colonial Energy, Inc.

Contact Name: CAROLYN GILBERT

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Colonial Energy, Inc.

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/02/2019	07/02/2019	10000	2.15000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Colonial Energy, Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005679

End Date: 07/02/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/1/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/02/2019	07/02/2019	25000	2.14000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Southwest Energy, L.P.
Attention: Contract Administration
Fax Num: (713) 235-7533 Email: confirmations@southwest-energy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005680

End Date: 07/01/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/1/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 3/19/2018

LG&E Trader: DUANE SCHRADER

Service Level: FIRM

Counterparty: Southwest Energy, L.P.

Contact Name: RYAN MESKE

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Southwest Energy, L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/01/2019	07/01/2019	5000	2.09000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Southwest Energy, L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005681

End Date: 07/02/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/1/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/02/2019	07/02/2019	50000	2.08750

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: NextEra Energy Marketing, LLC
Attention: Contract Administration
Fax Num: (561) 625-7517 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005699

End Date: 07/01/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/1/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2007

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: NextEra Energy Marketing, LLC

Contact Name: DAN CAIRNES

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: NextEra Energy Marketing, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/01/2019	07/01/2019	17000	2.24000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company NextEra Energy Marketing, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005700

End Date: 07/02/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/1/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: DIANE CIPOLLA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/02/2019	07/02/2019	20000	2.08250

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005719

End Date: 07/03/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/2/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/03/2019	07/03/2019	50000	2.06000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005721

End Date: 07/03/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/2/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/03/2019	07/03/2019	10000	2.05500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005722

End Date: 07/03/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/2/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/03/2019	07/03/2019	10000	2.05500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Colonial Energy, Inc.
Attention: Contract Administration
Fax Num: (703) 218-3059 Email: confirms@colonialenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005723

End Date: 07/03/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/2/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 6/9/2003

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Colonial Energy, Inc.

Contact Name: CAROLYN GILBERT

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Colonial Energy, Inc.

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/03/2019	07/03/2019	5000	2.12000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Colonial Energy, Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005724

End Date: 07/03/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/2/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: NICHOLE JONES

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/03/2019	07/03/2019	5000	2.09500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: BP Energy Company
Attention: Contract Administration
Fax Num: (281)227-8470 Email: nagpconfirmations@bp.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005726

End Date: 07/03/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/2/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 6/2/2016

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: BP Energy Company

Contact Name: KATIE DOLLINGER

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: BP Energy Company

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/03/2019	07/03/2019	25000	2.13000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company BP Energy Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005779

End Date: 07/08/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/3/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: DUANE SCHRADER

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/04/2019	07/08/2019	55000	2.03000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005780

End Date: 07/08/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/3/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: DUANE SCHRADER

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/04/2019	07/08/2019	20000	2.03000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005944

End Date: 07/09/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/8/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/09/2019	07/09/2019	35000	2.19000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005945

End Date: 07/09/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/8/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/09/2019	07/09/2019	5000	2.20000
07/09/2019	07/09/2019	10000	2.20000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Exelon Generation Company, LLC
Attention: Contract Administration
Fax Num: (410)468-3540 Email:
constellationconfirmsdept@constellation.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005946

We are pleased to confirm the following physical transaction concluded with your company on 7/8/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/28/2013

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Exelon Generation Company, LLC

Contact Name: JOSHUA DITMAN

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Exelon Generation Company, LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/09/2019	07/09/2019	5000	2.19500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Exelon Generation Company, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Spire Marketing Inc.
Attention: Contract Administration
Fax Num: (314)516-8551 Email: tgalloway@lacledeenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005947

End Date: 07/09/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/8/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2010

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Spire Marketing Inc.

Contact Name: KAYLA HULL

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Spire Marketing Inc.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/09/2019	07/09/2019	11300	2.19750

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Spire Marketing Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Texla Energy Management, Inc.
Attention: Contract Administration
Fax Num: (713)655-9906 Email: confirmations@texlaenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005948

End Date: 07/09/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/8/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 3/1/2016

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Texla Energy Management, Inc.

Contact Name: TYLER MARCUM

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Texla Energy Management, Inc.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/09/2019	07/09/2019	11800	2.19750

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Texla Energy Management, Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005949

End Date: 07/09/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/8/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/09/2019	07/09/2019	14000	2.28000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019005950

End Date: 07/08/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/8/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/08/2019	07/08/2019	9500	2.33000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

By: _____

Manager, Credit and Contract Administration

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006003

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/9/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	45000	2.19000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006004

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/9/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	15000	2.19000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006005

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/9/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: MICHAEL MALDONADO

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	20000	2.22000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006011

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/9/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: DANIEL VELASQUEZ

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	15000	2.22000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006012

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/9/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	30000	2.22000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006013

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/9/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	5000	2.21750

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: BP Energy Company
Attention: Contract Administration
Fax Num: (281)227-8470 Email: nagpconfirmations@bp.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006014

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/9/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 6/2/2016

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: BP Energy Company

Contact Name: STEPHEN POLK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: BP Energy Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	10000	2.22000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company BP Energy Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006015

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/9/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	15000	2.22000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

By: _____

Manager, Credit and Contract Administration

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006016

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/9/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	11000	2.27000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006083

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	5000	2.35000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

By: _____

Manager, Credit and Contract Administration

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006107

End Date: 07/11/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	10000	2.35500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006108

End Date: 07/11/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	5000	2.35000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006109

End Date: 07/11/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	34000	2.37000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Exelon Generation Company, LLC
Attention: Contract Administration
Fax Num: (410)468-3540 Email:
constellationconfirmsdept@constellation.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006110

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/28/2013

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Exelon Generation Company, LLC

Contact Name: PHILIP VALLE

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Exelon Generation Company, LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	10000	2.35000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Exelon Generation Company, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Spire Marketing Inc.
Attention: Contract Administration
Fax Num: (314)516-8551 Email: tgalloway@lacledeenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006112

End Date: 07/11/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2010

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Spire Marketing Inc.

Contact Name: KAYLA HULL

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Spire Marketing Inc.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	10000	2.35000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Spire Marketing Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Spire Marketing Inc.
Attention: Contract Administration
Fax Num: (314)516-8551 Email: tgalloway@lacledeenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006113

End Date: 07/11/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2010

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Spire Marketing Inc.

Contact Name: KAYLA HULL

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Spire Marketing Inc.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	6000	2.35000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Spire Marketing Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: CIMA Energy, LP
Attention: Contract Administration
Fax Num: (713) 636-5020 Email: gasconfirms@cima-energy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006114

End Date: 07/11/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 1/19/2009

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: CIMA Energy, LP

Contact Name: JOHN CODRINGTON

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: CIMA Energy, LP

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	9000	2.35000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company CIMA Energy, LP

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006115

End Date: 07/11/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	5000	2.35000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006116

End Date: 07/11/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KRISTA ELLESTAD

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	50000	2.35000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Colonial Energy, Inc.
Attention: Contract Administration
Fax Num: (703) 218-3059 Email: confirms@colonialenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006117

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 6/9/2003

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Colonial Energy, Inc.

Contact Name: CAROLYN GILBERT

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Colonial Energy, Inc.

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	5000	2.43000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Colonial Energy, Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006118

End Date: 07/10/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/10/2019	07/10/2019	16000	2.38500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

The information contained in this facsimile message, and in any accompanying documents, constitutes privileged confidential information which belongs to LG&E & KU. This information is intended only for the use of the individual or entity named above. If you are not the intended recipient of this information, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any disclosure, copying, distribution, dissemination, or the taking of any action in reliance on this information is strictly prohibited.

Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006121

End Date: 07/11/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	12000	2.36000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: NextEra Energy Marketing, LLC
Attention: Contract Administration
Fax Num: (561) 625-7517 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006122

End Date: 07/11/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2007

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: NextEra Energy Marketing, LLC

Contact Name: DAN CAIRNES

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: NextEra Energy Marketing, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	10000	2.39000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company NextEra Energy Marketing, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006149

End Date: 07/12/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/11/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/12/2019	07/12/2019	10000	2.32000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006150

End Date: 07/12/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/11/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/12/2019	07/12/2019	10000	2.31000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006151

End Date: 07/12/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/11/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/12/2019	07/12/2019	10000	2.31000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006152

End Date: 07/12/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/11/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/12/2019	07/12/2019	10000	2.32000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006153

End Date: 07/12/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/11/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/12/2019	07/12/2019	4000	2.32000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006154

End Date: 07/12/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/11/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/12/2019	07/12/2019	10000	2.32000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006155

End Date: 07/12/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/11/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KRISTA ELLESTAD

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/12/2019	07/12/2019	30000	2.32000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006164

End Date: 07/11/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/11/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/11/2019	07/11/2019	3000	2.42000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006199

End Date: 07/15/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/12/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/13/2019	07/15/2019	40000	2.29000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006200

End Date: 07/15/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/12/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: MICHAEL MALDONADO

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/13/2019	07/15/2019	10000	2.29000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006201

End Date: 07/15/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/12/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: MICHAEL MALDONADO

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/13/2019	07/15/2019	10000	2.29000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

The information contained in this facsimile message, and in any accompanying documents, constitutes privileged confidential information which belongs to LG&E & KU. This information is intended only for the use of the individual or entity named above. If you are not the intended recipient of this information, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any disclosure, copying, distribution, dissemination, or the taking of any action in reliance on this information is strictly prohibited.

Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006202

End Date: 07/15/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/12/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: DANIEL VELASQUEZ

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/13/2019	07/15/2019	10000	2.28000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006203

End Date: 07/15/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/12/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/15/2019	07/15/2019	14000	2.41000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: NextEra Energy Marketing, LLC
Attention: Contract Administration
Fax Num: (561) 625-7517 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006240

End Date: 07/13/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/13/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2007

LG&E Trader: ALEX GREENWELL

Service Level: FIRM

Counterparty: NextEra Energy Marketing, LLC

Contact Name: DAN CAIRNES

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: NextEra Energy Marketing, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/13/2019	07/13/2019	12500	2.47000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company NextEra Energy Marketing, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006405

End Date: 07/15/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/15/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/15/2019	07/15/2019	10000	2.23000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: CIMA Energy, LP
Attention: Contract Administration
Fax Num: (713) 636-5020 Email: gasconfirms@cima-energy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006406

End Date: 07/15/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/15/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 1/19/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: CIMA Energy, LP

Contact Name: JOHN CODRINGTON

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: CIMA Energy, LP

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/15/2019	07/15/2019	10000	2.24000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company CIMA Energy, LP

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: NextEra Energy Marketing, LLC
Attention: Contract Administration
Fax Num: (561) 625-7517 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006407

End Date: 07/15/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/15/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2007

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: NextEra Energy Marketing, LLC

Contact Name: PETER BIELEN

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: NextEra Energy Marketing, LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/15/2019	07/15/2019	10000	2.23000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company NextEra Energy Marketing, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006408

End Date: 07/16/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/15/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/16/2019	07/16/2019	50000	2.23000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006409

End Date: 07/16/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/15/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/16/2019	07/16/2019	60000	2.25000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006416

End Date: 07/15/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/15/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: NICHOLE JONES

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/15/2019	07/15/2019	8000	2.32000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006442

End Date: 07/17/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/16/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/17/2019	07/17/2019	40000	2.22000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006479

End Date: 07/18/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/17/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: NICHOLE JONES

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/18/2019	07/18/2019	30000	2.27000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006480

End Date: 07/18/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/17/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/18/2019	07/18/2019	50000	2.22000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

The information contained in this facsimile message, and in any accompanying documents, constitutes privileged confidential information which belongs to LG&E & KU. This information is intended only for the use of the individual or entity named above. If you are not the intended recipient of this information, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any disclosure, copying, distribution, dissemination, or the taking of any action in reliance on this information is strictly prohibited.

Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email: □
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006482

End Date: 07/18/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/17/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/18/2019	07/18/2019	10000	2.21500
07/18/2019	07/18/2019	60000	2.21500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email: □
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006483

End Date: 07/17/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/17/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/17/2019	07/17/2019	40000	2.20000
07/17/2019	07/17/2019	10000	2.20000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006561

End Date: 07/19/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/18/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/19/2019	07/19/2019	50000	2.23500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006562

End Date: 07/19/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/18/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/19/2019	07/19/2019	20000	2.23500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006563

End Date: 07/19/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/18/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: NICK MISTRY

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/19/2019	07/19/2019	20000	2.22000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006564

End Date: 07/19/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/18/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: NICHOLE JONES

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/19/2019	07/19/2019	42000	2.27000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006583

End Date: 07/22/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/19/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/20/2019	07/22/2019	50000	2.10000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email: □
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006584

End Date: 07/20/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/19/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/20/2019	07/20/2019	10000	2.15500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006585

End Date: 07/20/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/19/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/20/2019	07/20/2019	55000	2.15500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006586

End Date: 07/19/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/19/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/19/2019	07/19/2019	50000	2.31000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006587

End Date: 07/20/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/19/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/20/2019	07/20/2019	67000	2.25000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006588

End Date: 07/21/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/19/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/21/2019	07/21/2019	20500	2.25000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

The information contained in this facsimile message, and in any accompanying documents, constitutes privileged confidential information which belongs to LG&E & KU. This information is intended only for the use of the individual or entity named above. If you are not the intended recipient of this information, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any disclosure, copying, distribution, dissemination, or the taking of any action in reliance on this information is strictly prohibited.

Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006613

End Date: 07/22/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/21/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/21/2019	07/22/2019	5000	2.10000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006627

End Date: 07/23/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/22/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: ALEX GREENWELL

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/23/2019	07/23/2019	10000	2.08000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: NextEra Energy Marketing, LLC
Attention: Contract Administration
Fax Num: (561) 625-7517 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006628

End Date: 07/23/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/22/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2007

LG&E Trader: ALEX GREENWELL

Service Level: FIRM

Counterparty: NextEra Energy Marketing, LLC

Contact Name: MICHAEL OLSEN

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: NextEra Energy Marketing, LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/23/2019	07/23/2019	10000	2.07000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company NextEra Energy Marketing, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006629

End Date: 07/23/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/22/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: ALEX GREENWELL

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/23/2019	07/23/2019	30000	2.06000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006647

End Date: 07/24/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/23/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: ALEX GREENWELL

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/24/2019	07/24/2019	10000	2.03000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006648

End Date: 07/24/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/23/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: ALEX GREENWELL

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/24/2019	07/24/2019	40000	2.03000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006667

End Date: 07/25/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/24/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: ALEX GREENWELL

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/25/2019	07/25/2019	10000	1.99000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006668

End Date: 07/25/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/24/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: ALEX GREENWELL

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/25/2019	07/25/2019	40000	1.99000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: NextEra Energy Marketing, LLC
Attention: Contract Administration
Fax Num: (561) 625-7517 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006669

End Date: 07/25/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/24/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2007

LG&E Trader: ALEX GREENWELL

Service Level: FIRM

Counterparty: NextEra Energy Marketing, LLC

Contact Name: MICHAEL OLSEN

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: NextEra Energy Marketing, LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/25/2019	07/25/2019	10000	2.00000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company NextEra Energy Marketing, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: NextEra Energy Marketing, LLC
Attention: Contract Administration
Fax Num: (561) 625-7517 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006670

End Date: 07/25/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/24/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2007

LG&E Trader: ALEX GREENWELL

Service Level: FIRM

Counterparty: NextEra Energy Marketing, LLC

Contact Name: MICHAEL OLSEN

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: NextEra Energy Marketing, LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/25/2019	07/25/2019	10000	1.99500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company NextEra Energy Marketing, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006687

End Date: 07/26/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/25/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/26/2019	07/26/2019	15000	2.03000
07/26/2019	07/26/2019	50000	2.03000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: NextEra Energy Marketing, LLC
Attention: Contract Administration
Fax Num: (561) 625-7517 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006688

End Date: 07/26/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/25/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2007

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: NextEra Energy Marketing, LLC

Contact Name: MICHAEL OLSEN

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: NextEra Energy Marketing, LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/26/2019	07/26/2019	10000	2.03000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company NextEra Energy Marketing, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

The information contained in this facsimile message, and in any accompanying documents, constitutes privileged confidential information which belongs to LG&E & KU. This information is intended only for the use of the individual or entity named above. If you are not the intended recipient of this information, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any disclosure, copying, distribution, dissemination, or the taking of any action in reliance on this information is strictly prohibited.

Date: 08/01/2019
To: NextEra Energy Marketing, LLC
Attention: Contract Administration
Fax Num: (561) 625-7517 Email: □
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006689

End Date: 07/26/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/25/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2007

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: NextEra Energy Marketing, LLC

Contact Name: MICHAEL OLSEN

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: NextEra Energy Marketing, LLC

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/26/2019	07/26/2019	10000	2.03000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company NextEra Energy Marketing, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email: □
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006727

End Date: 07/29/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/26/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/27/2019	07/29/2019	40000	1.98000
07/27/2019	07/29/2019	40000	1.98000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Castleton Commodities Merchant Trading L.P.
Attention: Contract Administration
Fax Num: (203)564-8182 Email: htn-ctradmin@cci.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006728

End Date: 07/29/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/26/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/12/2006

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Castleton Commodities Merchant Trading L.P.

Contact Name: MATTHEW MARETT

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Castleton Commodities Merchant Trading L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/27/2019	07/29/2019	10000	1.96500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Castleton Commodities Merchant Trading L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Texla Energy Management, Inc.
Attention: Contract Administration
Fax Num: (713)655-9906 Email: confirmations@texlaenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006729

End Date: 07/29/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/26/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 3/1/2016

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Texla Energy Management, Inc.

Contact Name: TYLER MARCUM

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Texla Energy Management, Inc.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/27/2019	07/29/2019	1300	1.95000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Texla Energy Management, Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006730

End Date: 07/29/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/26/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/28/2019	07/29/2019	10000	2.08000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email: □
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006747

End Date: 07/29/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/27/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/27/2019	07/29/2019	10000	2.03000
07/27/2019	07/29/2019	10000	2.03000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006748

End Date: 07/29/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/27/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/27/2019	07/29/2019	5000	2.04000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Eco-Energy Natural Gas, LLC
Attention: Contract Administration
Fax Num: (615) 778-2897 Email: contracts@eco-energy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006749

End Date: 07/29/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/27/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 1/4/2016

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: Eco-Energy Natural Gas, LLC

Contact Name: CHRIS SHERRY

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Eco-Energy Natural Gas, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/27/2019	07/29/2019	2500	2.15000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Eco-Energy Natural Gas, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006847

End Date: 07/29/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/29/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: PAUL HANK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/29/2019	07/29/2019	15000	1.96000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006848

End Date: 07/30/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/29/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY BLAKE

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/30/2019	07/30/2019	50000	1.99000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006849

End Date: 07/30/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/29/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: JEREMY BLAKE

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/30/2019	07/30/2019	10000	1.99000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

By: _____

Manager, Credit and Contract Administration

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006850

End Date: 07/30/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/29/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: JEREMY BLAKE

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/30/2019	07/30/2019	10000	1.99000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

We are pleased to have been able to conclude this transaction with your company and look forward to receiving an executed copy of this Confirmation by return fax. **However, this Confirmation shall be final and binding, whether or not signed or confirmed by your company, unless your company advises LGE & KU of any inaccuracy within two (2) business days following receipt.** Any additional or different terms in any Confirmation sent by your company shall have no effect. **For further information, or if you have received this facsimile in error, contact Contract Administration at (502) 627-4197.**

Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006851

End Date: 07/30/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/29/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY BLAKE

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/30/2019	07/30/2019	10000	1.98500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006852

End Date: 07/30/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/29/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: JEREMY BLAKE

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/30/2019	07/30/2019	20000	1.97500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Tenaska Marketing Ventures
Attention: Contract Administration
Fax Num: (402)758-6250 Email: confirmations@tenaska.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006855

End Date: 07/30/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/29/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 7/1/2004

LG&E Trader: JEREMY BLAKE

Service Level: FIRM

Counterparty: Tenaska Marketing Ventures

Contact Name: BRIAN SALAK

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Tenaska Marketing Ventures

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/30/2019	07/30/2019	10000	1.96000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Tenaska Marketing Ventures

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: NextEra Energy Marketing, LLC
Attention: Contract Administration
Fax Num: (561) 625-7517 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006869

End Date: 07/29/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/27/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/1/2007

LG&E Trader: JEREMY GESSER

Service Level: FIRM

Counterparty: NextEra Energy Marketing, LLC

Contact Name: DAN CAIRNES

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: NextEra Energy Marketing, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/27/2019	07/29/2019	10000	2.23000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company NextEra Energy Marketing, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: ConocoPhillips Company
Attention: Contract Administration
Fax Num: (918)662-5943 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006889

End Date: 07/31/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/30/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 5/1/2003

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: ConocoPhillips Company

Contact Name: MARWA BHATIA

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: ConocoPhillips Company

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/31/2019	07/31/2019	40000	1.97000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company ConocoPhillips Company

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Castleton Commodities Merchant Trading L.P.
Attention: Contract Administration
Fax Num: (203)564-8182 Email: htn-ctradmin@cci.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006890

End Date: 07/31/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/30/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/12/2006

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Castleton Commodities Merchant Trading L.P.

Contact Name: MATTHEW MARETT

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Castleton Commodities Merchant Trading L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/31/2019	07/31/2019	10000	1.98000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Castleton Commodities Merchant Trading L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Texla Energy Management, Inc.
Attention: Contract Administration
Fax Num: (713)655-9906 Email: confirmations@texlaenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006891

End Date: 07/31/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/30/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 3/1/2016

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Texla Energy Management, Inc.

Contact Name: TYLER MARCUM

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Texla Energy Management, Inc.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/31/2019	07/31/2019	4000	1.98000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Texla Energy Management, Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Texla Energy Management, Inc.
Attention: Contract Administration
Fax Num: (713)655-9906 Email: confirmations@texlaenergy.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006892

End Date: 07/31/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/30/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 3/1/2016

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Texla Energy Management, Inc.

Contact Name: TYLER MARCUM

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Texla Energy Management, Inc.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/31/2019	07/31/2019	6000	1.98000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Texla Energy Management, Inc.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Shell Energy North America (US), L.P.
Attention: Contract Administration
Fax Num: (713)265-2171 Email:
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006894

End Date: 07/31/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/30/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 4/1/2009

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Shell Energy North America (US), L.P.

Contact Name: KELLY WILLIAMS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Shell Energy North America (US), L.P.

Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING

Begin Date	End Date	Volume	Price
07/31/2019	07/31/2019	30000	1.96500

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Shell Energy North America (US), L.P.

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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Date: 08/01/2019
To: Range Resources - Appalachia, LLC
Attention: Contract Administration
Fax Num: (724) 873-5480 Email: rangeconfirmssmsd@rangeresources.com
RE: Fixed Price Physical



Louisville Gas & Electric Company
Kentucky Utilities Company
220 West Main Street, 7th Floor
Louisville, KY 40202

Reference: 2019006917

End Date: 07/31/2019

We are pleased to confirm the following physical transaction concluded with your company on 7/30/2019.

Transaction amounts are expressed in MMBTU and US\$.

Agreement between LGE & KU and Counterparty dated 10/13/2014

LG&E Trader: AARON TOLLIVER

Service Level: FIRM

Counterparty: Range Resources - Appalachia, LLC

Contact Name: BOB LEWIS

Commodity Type: Natural Gas

Buyer: Lou. Gas & Elect. Co./KY Utilities Co.

Seller: Range Resources - Appalachia, LLC

Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY

Begin Date	End Date	Volume	Price
07/31/2019	07/31/2019	13000	1.99000

Please Note:

Contacts: Documentation: Contract Administrator Invoicing: Gas Accounting
Telephone No: (502) 627-4197 Telephone No: (502) 627-4325
Fax No: (502) 627-4222 Fax No: (502) 627-3800

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Please return signed copy via fax to (502) 627-4222.

Regards,

Louisville Gas and Electric Company / Kentucky Utilities Company Range Resources - Appalachia, LLC

John H. Early

Manager, Credit and Contract Administration

By: _____

Title: _____

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