To: Attention: Fax Num: RE:	Fax Num: (312) 840-4551 Email: ugcnaconfirmations@uniper.energy RE: Fixed Price Physical				Sville Gas & Electric Company ucky Utilities Company
Reference:	2018003730			220 V	Vest Main Street, 7th Floor
End Date:	07/31/2019			Louis	ville, KY 40202
We are please	ed to confirm the fo	llowing physical	transaction co	oncluded with your company on 3/7/2018.	
Transaction a	mounts are express	sed in MMBTU a	and US\$.		
Agreement be	tween LGE & KU a	and Counterparty	y dated 11/28/	2016	
	LG&E Trader:	DUANE SCHR	ADER	Service Level: FIRM	
	Counterparty:	Uniper Glob	al Commod	lities North America LLC	
	Contact Name:	GREG STOCK	ARD		
C	Commodity Type:	Natural Gas			
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	ilities Co.	
	Seller:	Uniper Global	Commodities	North America LLC	
D	elivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLING	
Begin Date	End Date	Volume	Price		
07/01/2019	07/31/2019	10000	2.57550		

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

Am H. Early

John H. Early

By:

Manager, Credit and Contract Administration

Title:

To: Attention: Fax Num:	08/01/2019 Uniper Global Co Contract Adminis (312) 840-4551 Fixed Price Phys	stration Email: ugcr		ns@uniper.energy Louisville Gas & Electric Company
Reference:	2018005179			Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/31/2019			Louisville, KY 40202
We are pleas	ed to confirm the fo	llowing physical	transaction co	oncluded with your company on 4/11/2018.
Transaction a	mounts are expres	sed in MMBTU a	and US\$.	
Agreement be	etween LGE & KU a	and Counterparty	y dated 11/28/	2016
	LG&E Trader:	DUANE SCHR	ADER	Service Level: FIRM
	Counterparty:	Uniper Glob	al Commod	ities North America LLC
	Contact Name:	NATALIE BAK	ER	
	Commodity Type:	Natural Gas		
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	ilities Co.
	Seller:	Uniper Global	Commodities	North America LLC
Γ	Delivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLING
Begin Date	End Date	Volume	Price	

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

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				Ins@uniper.energy Louisville Gas & Electric Company
Reference:	2018008183			Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/31/2019			Louisville, KY 40202
We are pleas	ed to confirm the fo	llowing physical	transaction co	oncluded with your company on 6/12/2018.
Transaction a	mounts are expres	sed in MMBTU a	and US\$.	
Agreement b	etween LGE & KU a	and Counterpart	y dated 11/28/	2016
	LG&E Trader:	DUANE SCHR	ADER	Service Level: FIRM
	Counterparty:	Uniper Glob	al Commod	ities North America LLC
	Contact Name:	GREG STOCK	ARD	
	Commodity Type:	Natural Gas		
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	ilities Co.
	Seller:	Uniper Global	Commodities	North America LLC
Γ	Delivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLING
Begin Date	End Date	Volume	Price	

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num:	08/01/2019 J. Aron & Compa Contract Admini- (212) 493-9846 Fixed Price Phys	stration Email: jaroi	n@gs.com			Louisville Gas & Electric Company
Reference:	2018013254					Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/31/2019					Louisville, KY 40202
We are please	ed to confirm the fo	llowing physical	transaction co	oncluded with your c	ompany on 10/1	0/2018.
Transaction a	mounts are expres	sed in MMBTU a	and US\$.			
Agreement be	etween LGE & KU a	and Counterpart	y dated 8/4/20	015		
	LG&E Trader:	DUANE SCHR	RADER		Service Level:	FIRM
	Counterparty:	J. Aron & C	ompany LL	С		
	Contact Name:	EUGENE GOF	RLEKU			
(Commodity Type:	Natural Gas				
	Buyer:	Lou. Gas & El	ect. Co./KY Ut	tilities Co.		
	Seller:	J. Aron & Com	npany LLC			
C	Delivery Location:	Texas Gas Tra	ansmission - T	rgt z1 mainline p	OOLING	
Rogin Data	End Data	Volumo	Prico			

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

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 J. Aron & Company LLC

Hen H. Early

John H. Early

By:

Manager, Credit and Contract Administration

Title:

Date: 08/01/2019 To: Colonial Energy, Attention: Contract Adminis Fax Num: (703) 218-3059 RE: Fixed Price Phys	stration Email: confirms@colonialenergy.com		Louisville Gas & Electric Company
Reference: 2019005579			Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date: 07/01/2019			Louisville, KY 40202
We are pleased to confirm the for	llowing physical transaction concluded with your	company on 6/28	/2019.
Transaction amounts are express	sed in MMBTU and US\$.		
Agreement between LGE & KU a	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

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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019005580 220 West Main Street, 7th Floor End Date: 07/01/2019 Louisville, KY 40202 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 Buver: 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

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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: Colonial Energy, Inc Attention: Contract Administrat Fax Num: (703) 218-3059 E RE: Fixed Price Physical	tion Email: confirms@colonialenergy.com	Louisville Gas & Electric Company
Reference: 2019005659		Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date: 07/01/2019		Louisville, KY 40202
We are pleased to confirm the follow	ving physical transaction concluded with your company on 7/1/20)19.
Transaction amounts are expressed	in MMBTU and US\$.	
Agreement between LGE & KU and	Counterparty dated 6/9/2003	
LG&E Trader: JE	REMY GESSER Service Level:	FIRM
Counterparty: Co	olonial Energy, Inc.	
Contact Name: CA	AROLYN GILBERT	
Commodity Type: Na	atural Gas	
Buyer: Lo	ou. Gas & Elect. Co./KY Utilities Co.	
Seller: Co	olonial Energy, Inc.	
Delivery Location: Te	exas Eastern Transmission - KU-GARRARD CO. KY	
Begin Date End Date Vo	lume Price	

07/01/2019	07/01/2019	5000	2.24000

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.

Hun H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num:	08/01/2019 Colonial Energy Contract Admini (703) 218-3059 Fixed Price Phys	stration Email: conf	irms@colonia	ialenergy.com
Reference:	2019005660			Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/02/2019			Louisville, KY 40202
We are please	ed to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/1/2019.
Transaction a	mounts are expres	sed in MMBTU a	and US\$.	
Agreement be	etween LGE & KU a	and Counterpart	y dated 6/9/20	003
	LG&E Trader:	JEREMY GES	SER	Service Level: FIRM
	Counterparty:	Colonial En	ergy, Inc.	
	Contact Name:	CAROLYN GII	BERT	
(Commodity Type:	Natural Gas		
	Buyer:	Lou. Gas & El	ect. Co./KY Ut	tilities Co.
	Seller:	Colonial Energ	yy, Inc.	
C	Delivery Location:	Texas Eastern	Transmission	n - KU-GARRARD CO. KY
Begin Date	End Date	Volume	Price	
07/02/2019	07/02/2019	10000	2.15000	

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 Colonial Energy, Inc.

An H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num: (08/01/2019 Range Resource Contract Adminis 724) 873-5480 Fixed Price Phys	stration Email: rang		nsd@rangeresources.com	LOUISVILLE GAS & Electric Company
Reference:	2019005679				Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/02/2019				Louisville, KY 40202
We are please	d to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/1/2	2019.
Transaction an	nounts are expres	sed in MMBTU a	and US\$.		
Agreement bet	ween LGE & KU a	and Counterpart	y dated 10/13/	/2014	
	LG&E Trader:	JEREMY GES	SER	Service Level:	FIRM
(Counterparty:	Range Reso	ources - App	palachia, LLC	
	Contact Name:	BOB LEWIS			
С	ommodity Type:	Natural Gas			
	Buyer:	Lou. Gas & El	ect. Co./KY Ut	ilities Co.	
	Seller:	Range Resour	ces - Appalac	hia, LLC	
De	elivery Location:	Texas Eastern	Transmission	1 - KU-GARRARD CO. KY	
Begin Date	End Date	Volume	Price		

Please	Note:

07/02/2019

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

2.14000

25000

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.

07/02/2019

Regards,

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

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: S Attention: C	08/01/2019 Southwest Energ Contract Adminis 713) 235-7533	stration	irmations@s	southwest-energy.com
	Fixed Price Phys		initations@3	Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleased	d to confirm the fo	llowing physical	transaction co	concluded with your company on 7/1/2019.
Transaction am	iounts are expres	sed in MMBTU a	and US\$.	
Agreement betw	ween LGE & KU a	and Counterpart	y dated 3/19/2	2018
	LG&E Trader:	DUANE SCHR	ADER	Service Level: FIRM
C	counterparty:	Southwest E	Energy, L.P.	р.
	Contact Name:	RYAN MESKE		
Co	ommodity Type:	Natural Gas		
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	Itilities Co.
	Seller:	Southwest En	ergy, L.P.	
De	livery Location:	Texas Gas Tra	ansmission - T	TGT Z1 MAINLINE POOLING
Begin Date	End Date	Volume	Price	
07/01/2019	07/01/2019	5000	2.09000	

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.

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019005681 220 West Main Street, 7th Floor End Date: 07/02/2019 Louisville, KY 40202 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 Buver: 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

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.

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: NextEra Energy Marketing, LLC Attention: Contract Administration Fax Num: (561) 625-7517 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019005699 220 West Main Street, 7th Floor End Date: 07/01/2019 Louisville, KY 40202 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 Buver: 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

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: C Attention: C Fax Num: (S	08/01/2019 ConocoPhillips (Contract Adminis 918)662-5943 Fixed Price Phys	stration Email:		Louisville Gas & Electric Company
Reference: 2	2019005700			Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date: 0	7/02/2019			Louisville, KY 40202
We are pleased	to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/1/2019.
Transaction am	ounts are expres	sed in MMBTU a	and US\$.	
Agreement betw	ween LGE & KU a	and Counterparty	/ dated 5/1/20	003
	LG&E Trader:	JEREMY GES	SER	Service Level: FIRM
C	ounterparty:	ConocoPhill	ips Compar	ny
	Contact Name:	DIANE CIPOLI	A	
Co	ommodity Type:	Natural Gas		
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	tilities Co.
	Seller:	ConocoPhillips	Company	
De	livery Location:	Texas Gas Tra	Insmission - T	GT Z1 MAINLINE POOLING
Begin Date	End Date	Volume	Price	
07/02/2019	07/02/2019	20000	2.08250	

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

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num:(08/01/2019 ConocoPhillips (Contract Adminis 918)662-5943 Fixed Price Phys	stration Email:		Louisville Gas & Electric Company
Reference:	2019005719			Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/03/2019			Louisville, KY 40202
We are please	d to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/2/2019.
Transaction an	nounts are expres	sed in MMBTU a	and US\$.	
Agreement bet	ween LGE & KU a	and Counterparty	y dated 5/1/20	003
	LG&E Trader:	JEREMY GES	SER	Service Level: FIRM
(Counterparty:	ConocoPhill	ips Compar	ny
	Contact Name:	MARWA BHAT	ΓΙΑ	
С	ommodity Type:	Natural Gas		
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	tilities Co.
	Seller:	ConocoPhillips	s Company	
De	elivery Location:	Texas Gas Tra	ansmission - T	IGT Z1 MAINLINE POOLING
Begin Date	End Date	Volume	Price	
07/03/2019	07/03/2019	50000	2.06000	

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

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

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 Kentucky Utilities Company Reference: 2019005721 220 West Main Street, 7th Floor End Date: 07/03/2019 Louisville, KY 40202 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 Buver: 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.

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

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.



Louisville Gas & Electric Company

Date: 08/01/2019 To: Tenaska Marke Attention: Contract Admin Fax Num: (402)758-6250 RE: Fixed Price Phy	stration Email: confi	rmations@te	enaska.com		Louisville Gas & Electric Company Kentucky Utilities Company
Reference: 2019005722					220 West Main Street, 7th Floor
End Date: 07/03/2019					Louisville, KY 40202
We are pleased to confirm the fo	ollowing physical	transaction co	oncluded with your comp	pany on 7/2/2	019.
Transaction amounts are expres	sed in MMBTU	and US\$.			
Agreement between LGE & KU	and Counterpart	y dated 7/1/20	004		
LG&E Trader:	JEREMY GES	SER	Sei	rvice Level:	FIRM
Counterparty:	Tenaska Ma	arketing Ver	ntures		
Contact Name:	BRIAN SALAI	ĸ			
Commodity Type:	Natural Gas				
Buyer:	Lou. Gas & El	ect. Co./KY Ut	tilities Co.		
Seller:	Tenaska Mark	eting Venture	S		
Delivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POO	LING	
Begin Date End Date	Volume	Price			

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: C Attention: C Fax Num: (7 RE: F	Date: 08/01/2019 To: Colonial Energy, Inc. ntion: Contract Administration Num: (703) 218-3059 Email: confirms@colonialenergy.com RE: Fixed Price Physical				Louisville Gas & Electric Company Kentucky Utilities Company
Reference: 2	2019005723				220 West Main Street, 7th Floor
End Date: 0	7/03/2019				Louisville, KY 40202
We are pleased	to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/2	/2019.
Transaction am	ounts are express	sed in MMBTU a	and US\$.		
Agreement betw	ween LGE & KU a	and Counterparty	y dated 6/9/20	03	
	LG&E Trader:	: JEREMY GESSER Service Level: FIRM			
C	ounterparty:	Colonial Energy, Inc.			
	Contact Name:	CAROLYN GIL	BERT		
Co	Commodity Type: Natural Gas				
	Buyer: Lou. Gas & Elect. Co./KY Utilities Co.				
	Seller: Colonial Energy, Inc.				
De	Delivery Location: Texas Eastern Transmission - KU-GARRARD CO. KY				
Begin Date	End Date	Volume	Price		

Please	Note:
гіеазе	note.

07/03/2019

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

2.12000

5000

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.

07/03/2019

Regards,

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

An H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

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				
Reference: 2019005724	Kentucky Utilities Company 220 West Main Street, 7th Floor				
End Date: 07/03/2019	Louisville, KY 40202				
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 Le	JEREMY GESSER Service Level: FIRM				
Counterparty: Range Resources - Appalachia, LLC	Range Resources - Appalachia, LLC				
Contact Name: NICHOLE JONES	NICHOLE JONES				
Commodity Type: Natural Gas	: Natural Gas				
Buyer: Lou. Gas & Elect. Co./KY Utilities Co.	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					

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date:	08/01/2019					
To:	BP Energy Com Contract Adminis					
Fax Num:	(281)227-8470 Fixed Price Phys	Email: nagp	confirmation	s@bp.com		Louisville Gas & Electric Company
	2019005726					Kentucky Utilities Company
Reference:	2010000120					220 West Main Street, 7th Floor
End Date:	07/03/2019					Louisville, KY 40202
We are pleas	ed to confirm the fo	llowing physica	transaction co	oncluded with your c	ompany on 7/2/2	019.
Transaction a	amounts are expres	sed in MMBTU	and US\$.			
Agreement be	etween LGE & KU a	and Counterpart	y dated 6/2/20	16		
	LG&E Trader:	JEREMY GES	SER		Service Level:	FIRM
	Counterparty:	BP Energy	Company			
	Contact Name:	KATIE DOLLI	NGER			
	Commodity Type:	nmodity Type: Natural Gas				
	Buyer:	uyer: Lou. Gas & Elect. Co./KY Utilities Co.				
	Seller:	Seller: BP Energy Company				
C	Delivery Location:	Texas Easterr	n Transmissior	n - KU-GARRARD C	0. KY	
Begin Date	End Date	Volume	Price			

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

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

Hen H. Early

John H. Early

By:

Manager, Credit and Contract Administration

Title:

To: Attention: Fax Num:	08/01/2019 ConocoPhillips (Contract Adminis (918)662-5943 Fixed Price Phys	stration Email:		Louisville Gas & Electric Company	
Reference:	2019005779			Kentucky Utilities Company 220 West Main Street, 7th Floor	
End Date:	07/08/2019			Louisville, KY 40202	
We are please	ed to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/3/2019.	
Transaction a	mounts are expres	sed in MMBTU a	and US\$.		
Agreement be	etween LGE & KU a	and Counterpart	y dated 5/1/20	03	
	LG&E Trader: DUANE SCHRADER Service Level: FIRM			Service Level: FIRM	
Counterparty: ConocoPhillips Company			лу		
	Contact Name: MARWA BHATIA				
(Commodity Type:	Natural Gas			
	Buyer: Lou. Gas & Elect. Co./KY Utilities Co.				
	Seller: ConocoPhillips Company				
D	Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING				
Begin Date	End Date	Volume	Price		
07/04/2019	07/08/2019	55000	2.03000		

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

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num:	08/01/2019 ConocoPhillips (Contract Admini (918)662-5943 Fixed Price Phys	stration Email:		Louisville Gas & Electric Company	
Reference:	2019005780			Kentucky Utilities Company 220 West Main Street, 7th Floor	
End Date:	07/08/2019			Louisville, KY 40202	
We are please	ed to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/3/2019.	
Transaction a	mounts are expres	sed in MMBTU a	and US\$.		
Agreement be	etween LGE & KU a	and Counterpart	y dated 5/1/20	03	
	LG&E Trader: DUANE SCHRADER Service Level: FIRM			Service Level: FIRM	
Counterparty: ConocoPhillips Company			лу		
	Contact Name: MARWA BHATIA				
(Commodity Type:	Natural Gas			
	Buyer: Lou. Gas & Elect. Co./KY Utilities Co.				
	Seller: ConocoPhillips Company				
D	Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING				
Begin Date	End Date	Volume	Price		
07/04/2019	07/08/2019	20000	2.03000		

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

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: ConocoPhilli Attention: Contract Adr Fax Num: (918)662-594 RE: Fixed Price F	ninistration 3 Email:	Louisville Gas & Electric Company
Reference: 2019005944 End Date: 07/09/2019		Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleased to confirm th	e following physical transaction concluded with your company on 7/	8/2019.
Transaction amounts are ex	pressed in MMBTU and US\$.	
Agreement between LGE &	KU and Counterparty dated 5/1/2003	
LG&E Tra	ler: NICK MISTRY Service Leve	el: FIRM
Counterpar	ty: ConocoPhillips Company	
Contact Na	ne: MARWA BHATIA	
Commodity Ty	pe: Natural Gas	
Bu	er: Lou. Gas & Elect. Co./KY Utilities Co.	
Sel	ler: ConocoPhillips Company	
Delivery Locati	on: Texas Gas Transmission - TGT Z1 MAINLINE POOLING	
Begin Date End Date	Volume Price	

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: ConocoPhillips Co Attention: Contract Administr Fax Num: (918)662-5943	ration Email: □	
RE: Fixed Price Physic	cal	Louisville Gas & Electric Company Kentucky Utilities Company
Reference: 2019005945		220 West Main Street, 7th Floor
End Date: 07/09/2019		Louisville, KY 40202
We are pleased to confirm the follow	wing physical transaction concluded with your c	ompany on 7/8/2019.
Transaction amounts are expressed	ed in MMBTU and US\$.	
Agreement between LGE & KU and	d Counterparty dated 5/1/2003	
LG&E Trader: N	NICK MISTRY	Service Level: FIRM
Counterparty: C	ConocoPhillips Company	
Contact Name: M	MARWA BHATIA	
Commodity Type: N	Natural Gas	
Buyer: L	Lou. Gas & Elect. Co./KY Utilities Co.	
Seller: C	ConocoPhillips Company	
Delivery Location: T	Texas Gas Transmission - TGT Z1 MAINLINE P	OOLING

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

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

Am H. Early

John H. Early

By:

Manager, Credit and Contract Administration

Title:

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

Reference: 2019005946



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

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 F	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

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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

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Spire Marketing Inc. Attention: Contract Administration Fax Num: (314)516-8551 Email: tgallaway@lacledeenergy.com RE: Fixed Price Physical					Louisville Gas & Electric Company Kentucky Utilities Company
Reference:	2019005947				220 West Main Street, 7th Floor
End Date:	07/09/2019				Louisville, KY 40202
We are please	ed to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/8/2	2019.
Transaction a	mounts are expres	sed in MMBTU a	and US\$.		
Agreement be	etween LGE & KU a	and Counterpart	y dated 10/1/2	2010	
	LG&E Trader:	NICK MISTRY		Service Level:	FIRM
	Counterparty:	Spire Marke	eting 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		

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

Contacts:	Documentation:	Documentation: Contract Administrator		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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Texla Energy Management, Inc. Attention: Contract Administration Fax Num: (713)655-9906 Email: confirmations@texlaenergy.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019005948 220 West Main Street, 7th Floor End Date: 07/09/2019 Louisville, KY 40202 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 Buver: 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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num: RE: Reference:	Contract Adminis	Email: rangeconfirmssmsd@rangeresou	rces.com	Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleas	ed to confirm the fo	llowing physical transaction concluded with your	company on 7/8/2	
Transaction a	amounts are express	sed in MMBTU and US\$.		
Agreement be	etween LGE & KU a	nd 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

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

flm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num: RE: Reference:	Contract Adminis	Email: rangeconfirmssmsd@rangeresou	rces.com	Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor
				Louisville, KY 40202
We are pleas	ed to confirm the fol	lowing physical transaction concluded with your	company on 7/8/2	2019.
Transaction a	amounts are express	sed in MMBTU and US\$.		
Agreement be	etween LGE & KU a	nd 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

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

flm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num:	08/01/2019 ConocoPhillips (Contract Adminis (918)662-5943 Fixed Price Phys	stration Email:		Lo	DUISVILLE Gas & Electric Company
Reference:	2019006003				entucky Utilities Company 0 West Main Street, 7th Floor
End Date:	07/10/2019				uisville, KY 40202
We are please	ed to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/9/2019).
Transaction a	mounts are expres	sed in MMBTU a	and US\$.		
Agreement be	tween LGE & KU a	and Counterpart	y dated 5/1/20	003	
	LG&E Trader:	NICK MISTRY		Service Level: FIR	RM
	Counterparty:	ConocoPhill	ips Compai	ny	
	Contact Name:	MARWA BHAT	ΠΑ		
C	Commodity Type:	Natural Gas			
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	tilities Co.	
	Seller:	ConocoPhillips	s Company		
D	elivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLING	
Begin Date	End Date	Volume	Price		
07/10/2019	07/10/2019	45000	2.19000		

Please	Note:
i icasc	HOLC.

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

An H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: ConocoPhillips Attention: Contract Admir Fax Num: (918)662-5943	nistration	
RE: Fixed Price Phy	ysical	Louisville Gas & Electric Company Kentucky Utilities Company
Reference: 2019006004		220 West Main Street, 7th Floor
End Date: 07/10/2019		Louisville, KY 40202
We are pleased to confirm the	following physical transaction concluded with your compa	any on 7/9/2019.
Transaction amounts are expre	essed in MMBTU and US\$.	
Agreement between LGE & KL	J and Counterparty dated 5/1/2003	
LG&E Trade	r: NICK MISTRY Serv	vice Level: FIRM
Counterparty	: ConocoPhillips Company	
Contact Name	: MARWA BHATIA	
Commodity Type	: Natural Gas	
Buyer	r: Lou. Gas & Elect. Co./KY Utilities Co.	
Seller	r: ConocoPhillips Company	
Delivery Location	: Texas Gas Transmission - TGT Z1 MAINLINE POOL	ING
Begin Date End Date	Volume Price	

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006005 220 West Main Street, 7th Floor End Date: 07/10/2019 Louisville, KY 40202 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 Buver: 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

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.

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006011 220 West Main Street, 7th Floor End Date: 07/10/2019 Louisville, KY 40202 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 Buver: 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.

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Tenaska Marketing Attention: Contract Administr Fax Num: (402)758-6250 RE: Fixed Price Physic	ration Email: confirmations@tenaska.com	Louisville Gas & Electric Company
Reference: 2019006012		Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date: 07/10/2019		Louisville, KY 40202
We are pleased to confirm the follo	owing physical transaction concluded with you	r company on 7/9/2019.
Transaction amounts are expresse	ed in MMBTU and US\$.	
Agreement between LGE & KU and	nd Counterparty dated 7/1/2004	
LG&E Trader: N	NICK MISTRY	Service Level: FIRM
Counterparty:	Tenaska Marketing Ventures	
Contact Name: E	BRIAN SALAK	
Commodity Type:	Natural Gas	
Buyer: L	Lou. Gas & Elect. Co./KY Utilities Co.	
Seller:	Tenaska Marketing Ventures	
Delivery Location:	Texas Gas Transmission - TGT Z1 MAINLINE	POOLING
Begin Date End Date V	/olume Price	

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: ConocoPhillips Attention: Contract Admin Fax Num: (918)662-5943	istration		
RE: Fixed Price Phy Reference: 2019006013 End Date: 07/10/2019			Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleased to confirm the fe	ollowing physical	transaction co	concluded with your company on 7/9/2019.
Transaction amounts are expres	sed in MMBTU	and US\$.	
Agreement between LGE & KU	and Counterpart	y dated 5/1/20	003
LG&E Trader	NICK MISTRY		Service Level: FIRM
Counterparty:	ConocoPhil	lips Compa	any
Contact Name:	MARWA BHA	ΤΙΑ	
Commodity Type	Natural Gas		
Buyer:	Lou. Gas & El	ect. Co./KY Ut	Jtilities Co.
Seller:	ConocoPhillip	s Company	
Delivery Location:	Texas Gas Tra	ansmission - T	TGT Z1 MAINLINE POOLING
Begin Date End Date	Volume	Price	

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: BP Energy Company Attention: Contract Administration Fax Num: (281)227-8470 Email: nagpconfirmations@bp.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006014 220 West Main Street, 7th Floor End Date: 07/10/2019 Louisville, KY 40202 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 Buver: 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

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num: RE: Reference:	Contract Adminis	Email: rangeconfirmssmsd@rangeresou	rces.com	Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleas	ed to confirm the fo	llowing physical transaction concluded with your	company on 7/9/2	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

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

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num: RE:	Contract Adminis	Email: rangeconfirmssmsd@rangeresou	rces.com	Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/10/2019			Louisville, KY 40202
We are pleas	ed to confirm the fol	lowing physical transaction concluded with your	company on 7/9/2	2019.
Transaction a	amounts are express	sed in MMBTU and US\$.		
Agreement be	etween LGE & KU a	nd 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

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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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num: RE: Reference:	Contract Adminis	Email: rangeconfirmssmsd@rangeresou	rces.com	Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleas	ed to confirm the fo	llowing physical transaction concluded with your	company on 7/10	/2019.
Transaction a	amounts are express	sed in MMBTU and US\$.		
Agreement be	etween LGE & KU a	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

flm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num:	08/01/2019 ConocoPhillips (Contract Adminis (918)662-5943 Fixed Price Phys	stration Email:		Louisville Gas & Electric Company
Reference:	2019006107			Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/11/2019			Louisville, KY 40202
We are please	ed to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/10/2019.
Transaction a	mounts are expres	sed in MMBTU a	and US\$.	
Agreement be	etween LGE & KU a	and Counterpart	y dated 5/1/20	03
	LG&E Trader:	AARON TOLL	VER	Service Level: FIRM
	Counterparty:	ConocoPhill	ips Compar	лу
	Contact Name:	MARWA BHA	ΓIA	
(Commodity Type:	Natural Gas		
	Buyer:	Lou. Gas & Ele	ect. Co./KY Uti	ilities Co.
	Seller:	ConocoPhillips	s Company	
D	elivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLING
Begin Date	End Date	Volume	Price	
07/11/2019	07/11/2019	10000	2.35500	

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

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num:	08/01/2019 ConocoPhillips (Contract Adminis (918)662-5943 Fixed Price Phys	stration Email:		Louisville Gas & Electric Company
Reference:	2019006108			Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/11/2019			Louisville, KY 40202
We are please	ed to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/10/2019.
Transaction a	mounts are expres	sed in MMBTU a	and US\$.	
Agreement be	etween LGE & KU a	and Counterpart	y dated 5/1/20	03
	LG&E Trader:	AARON TOLL	IVER	Service Level: FIRM
	Counterparty:	ConocoPhill	ips Compar	ny
	Contact Name:	MARWA BHA	ΓΙΑ	
(Commodity Type:	Natural Gas		
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	ilities Co.
	Seller:	ConocoPhillips	s Company	
C	elivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLING
Begin Date	End Date	Volume	Price	
07/11/2019	07/11/2019	5000	2.35000	

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

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Attention: Contract	50 Email: confirmations@tenaska.com	Dany			
Reference: 2019006					
End Date: 07/11/20	Louisville, KY 40202				
We are pleased to confi	We are pleased to confirm the following physical transaction concluded with your company on 7/10/2019.				
Transaction amounts are	Transaction amounts are expressed in MMBTU and US\$.				
Agreement between LGE & KU and Counterparty dated 7/1/2004					
LG&E	der: AARON TOLLIVER Service Level: FIRM				
Counter	rty: Tenaska Marketing Ventures				
Contac	me: BRIAN SALAK				
Commodit	ype: Natural Gas				
	yer: Lou. Gas & Elect. Co./KY Utilities Co.				
	Seller: Tenaska Marketing Ventures				
Delivery Lo	ion: Texas Gas Transmission - TGT Z1 MAINLINE POOLING				
Begin Date End D	Volume Price				

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

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

Reference: 2019006110



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

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 F	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

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: S Attention: C Fax Num: (3	Fixed Price Phys	stration Email: tgalla	away@lacled	leenergy.com	Louisville Gas & Electric Company Kentucky Utilities Company
Reference.	2019006112				220 West Main Street, 7th Floor
End Date: 0)7/11/2019				Louisville, KY 40202
We are pleased	d to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/10,	/2019.
Transaction arr	ounts are express	sed in MMBTU a	and US\$.		
Agreement bet	ween LGE & KU a	and Counterpart	y dated 10/1/2	2010	
	LG&E Trader:	NICK MISTRY		Service Level:	FIRM
C	counterparty:	Spire Marke	ting Inc.		
	Contact Name:	KAYLA HULL			
C	ommodity Type:	Natural Gas			
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	ilities Co.	
	Seller:	Spire Marketin	g Inc.		
De	livery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLING	
Begin Date	End Date	Volume	Price		

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

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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: S Attention: C Fax Num: (08/01/2019 Spire Marketing Contract Adminis 314)516-8551 Fixed Price Phys	stration Email: tgalla	away@lacled	leenergy.com	Louisville Gas & Electric Company
Reference:	2019006113				Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date: (07/11/2019				Louisville, KY 40202
We are please	d to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/10,	/2019.
Transaction an	nounts are expres	sed in MMBTU a	and US\$.		
Agreement bet	ween LGE & KU a	and Counterpart	y dated 10/1/2	2010	
	LG&E Trader:	NICK MISTRY		Service Level:	FIRM
C	Counterparty:	Spire Marke	ting Inc.		
	Contact Name:	KAYLA HULL			
С	ommodity Type:	Natural Gas			
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	ilities Co.	
	Seller:	Spire Marketin	g Inc.		
De	elivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLING	
Begin Date	End Date	Volume	Price		

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

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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: CIMA Energy, LP Attention: Contract Administration Fax Num: (713) 636-5020 Email: gasconfirms@cima-energy.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006114 220 West Main Street, 7th Floor End Date: 07/11/2019 Louisville, KY 40202 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 Buver: 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

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 CIMA Energy, LP

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: ConocoPhillips Company Attention: Contract Administration Fax Num: (918)662-5943 Email:	Louisville Gas & Electric Company
RE: Fixed Price Physical Reference: 2019006115 End Date: 07/11/2019	Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleased to confirm the following physical transact	tion 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 Co	mpany
Contact Name: MARWA BHATIA	
Commodity Type: Natural Gas	
Buyer: Lou. Gas & Elect. Co./	KY Utilities Co.
Seller: ConocoPhillips Compa	iny
Delivery Location: Texas Gas Transmissi	on - TGT Z1 MAINLINE POOLING
Begin Date End Date Volume Price	

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006116 220 West Main Street, 7th Floor End Date: 07/11/2019 Louisville, KY 40202 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 Buver: 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

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.

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: Colonial Energy, Inc. Attention: Contract Administration Fax Num: (703) 218-3059 Email: confirms@colonialenergy.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006117 220 West Main Street, 7th Floor End Date: 07/10/2019 Louisville, KY 40202 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 Buver: 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.

Hm H. Early

John H. Early

By:

Manager, Credit and Contract Administration

Title:

To: Attention: Fax Num: RE:	Contract Adminis	Email: rangeconfirmssmsd@rangeresou	rces.com	Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/10/2019			Louisville, KY 40202
We are pleas	ed to confirm the fol	lowing physical transaction concluded with your	company on 7/10	/2019.
Transaction a	amounts are express	sed in MMBTU and US\$.		
Agreement be	etween LGE & KU a	nd 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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num:	•••••••••••••••••••••••••••••••••••••••	stration Email: rang		sd@rangeresourc		Louisville Gas & Electric Company
Reference:	2019006121 07/11/2019					Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleas	ed to confirm the fo	llowing physical	transaction co	ncluded with your c	ompany on 7/10/2	2019.
Transaction a	mounts are expres	sed in MMBTU a	and US\$.			
Agreement be	etween LGE & KU a	and Counterparty	/ dated 10/13/2	2014		
	LG&E Trader:	AARON TOLLI	VER		Service Level:	FIRM
	Counterparty:	Range Resc	ources - App	oalachia, LLC		
	Contact Name:	BOB LEWIS				
	Commodity Type:	Natural Gas				
	Buyer:	Lou. Gas & Ele	ect. Co./KY Uti	lities Co.		
	Seller:	Range Resour	ces - Appalacl	hia, LLC		
[Delivery Location:	Texas Eastern	Transmission	- KU-GARRARD C	D. KY	
Bogin Dato	End Date	Volumo	Prico			

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: NextEra Energy Marketing, LLC Attention: Contract Administration Fax Num: (561) 625-7517 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006122 220 West Main Street, 7th Floor End Date: 07/11/2019 Louisville, KY 40202 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 Buver: 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. Carly

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Tenaska Marketing Ventures Attention: Contract Administration Fax Num: (402)758-6250 Email: confirmations@tenaska.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006149 220 West Main Street, 7th Floor End Date: 07/12/2019 Louisville, KY 40202 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 Buver: 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

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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

Hen H. Carly

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Tenaska Marketing Ventures Attention: Contract Administration Fax Num: (402)758-6250 Email: confirmations@tenaska.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006150 220 West Main Street, 7th Floor End Date: 07/12/2019 Louisville, KY 40202 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 Buver: 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

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: Tenaska Marketing Ventures Attention: Contract Administration Fax Num: (402)758-6250 Email: confirmations@tenaska.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006151 220 West Main Street, 7th Floor End Date: 07/12/2019 Louisville, KY 40202 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 Buver: 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

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Tenaska Marketing Ventures Attention: Contract Administration Fax Num: (402)758-6250 Email: confirmations@tenaska.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006152 220 West Main Street, 7th Floor End Date: 07/12/2019 Louisville, KY 40202 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 Buver: 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

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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

Hen H. Carly

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Tenaska Marketing Ventures Attention: Contract Administration Fax Num: (402)758-6250 Email: confirmations@tenaska.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006153 220 West Main Street, 7th Floor End Date: 07/12/2019 Louisville, KY 40202 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 Buver: 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

Hen H. Carly

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: ConocoPhillips (Attention: Contract Adminis Fax Num: (918)662-5943	stration	
RE: Fixed Price Phys Reference: 2019006154		Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date: 07/12/2019		Louisville, KY 40202
We are pleased to confirm the fo	llowing physical transaction concluded with your company on 7	/11/2019.
Transaction amounts are expres	sed in MMBTU and US\$.	
Agreement between LGE & KU a	and Counterparty dated 5/1/2003	
LG&E Trader:	NICK MISTRY Service Lev	el: 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	

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006155 220 West Main Street, 7th Floor End Date: 07/12/2019 Louisville, KY 40202 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 Buver: 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

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.

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: Range Resource Attention: Contract Admini Fax Num: (724) 873-5480 RE: Fixed Price Phys Reference: 2019006164 End Date: 07/11/2019	stration Email: rangeconfirmssmsd@rangeresou	rces.com	Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleased to confirm the fo	llowing physical transaction concluded with your	company on 7/11	/2019.
Transaction amounts are expres	sed in MMBTU and US\$.		
Agreement between LGE & KU a	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

flm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Tenaska Market Attention: Contract Adminis Fax Num: (402)758-6250 RE: Fixed Price Phys	stration Email: confi	rmations@te	enaska.com	Louisville Gas & Electric Company Kentucky Utilities Company
Reference: 2019006199				220 West Main Street, 7th Floor
End Date: 07/15/2019				Louisville, KY 40202
We are pleased to confirm the fo	llowing physical	transaction c	oncluded with your company o	n 7/12/2019.
Transaction amounts are expres	sed in MMBTU a	and US\$.		
Agreement between LGE & KU a	and Counterpart	y dated 7/1/20	004	
LG&E Trader:	NICK MISTRY		Service I	Level: FIRM
Counterparty:	Tenaska Ma	arketing Ver	ntures	
Contact Name:	BRIAN SALAK	ζ.		
Commodity Type:	Natural Gas			
Buyer:	Lou. Gas & El	ect. Co./KY Ut	tilities Co.	
Seller:	Tenaska Mark	eting Venture	S	
Delivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLING	
Begin Date End Date	Volume	Price		

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006200 220 West Main Street, 7th Floor End Date: 07/15/2019 Louisville, KY 40202 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 Buver: 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

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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.

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



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 Kentucky Utilities Company Reference: 2019006201 220 West Main Street, 7th Floor End Date: 07/15/2019 Louisville, KY 40202 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 Buver: 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

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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.

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

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.



Louisville Gas & Electric Company

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006202 220 West Main Street, 7th Floor End Date: 07/15/2019 Louisville, KY 40202 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 Buver: 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.

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



To: Attention:	Contract Adminis	es - Appalachia, LLC stration Email: rangeconfirmssmsd@rangeresou	roos com	IGE KU
	Fixed Price Phys		ices.com	Louisville Gas & Electric Company
Reference:	2019006203			Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/15/2019			Louisville, KY 40202
We are pleas	ed to confirm the fo	llowing physical transaction concluded with your	company on 7/12	/2019.
Transaction a	amounts are express	sed in MMBTU and US\$.		
Agreement b	etween LGE & KU a	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

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: NextEra Energy Marketing, LLC Attention: Contract Administration Fax Num: (561) 625-7517 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006240 220 West Main Street, 7th Floor End Date: 07/13/2019 Louisville, KY 40202 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 Buver: 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

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006405 220 West Main Street, 7th Floor End Date: 07/15/2019 Louisville, KY 40202 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 Buver: 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.

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: CIMA Energy, LP Attention: Contract Administration Fax Num: (713) 636-5020 Email: gasconfirms@cima-energy.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006406 220 West Main Street, 7th Floor End Date: 07/15/2019 Louisville, KY 40202 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 Buver: 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

Hm H. Early

John H. Early

By:

Manager, Credit and Contract Administration

Title:

Date: 08/01/2019 To: NextEra Energy Marketing, LLC Attention: Contract Administration Fax Num: (561) 625-7517 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006407 220 West Main Street, 7th Floor End Date: 07/15/2019 Louisville, KY 40202 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 Buver: 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. Carly

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006408 220 West Main Street, 7th Floor End Date: 07/16/2019 Louisville, KY 40202 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 Buver: 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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006409 220 West Main Street, 7th Floor End Date: 07/16/2019 Louisville, KY 40202 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 Buver: 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

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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



To: Attention: Fax Num: RE: Reference:	08/01/2019 Range Resource Contract Adminis (724) 873-5480 Fixed Price Phys 2019006416 07/15/2019	Email: rangeconfirmssmsd@rangeresou	rces.com	Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleas	ed to confirm the fo	llowing physical transaction concluded with your	company on 7/15	/2019.
Transaction a	amounts are express	sed in MMBTU and US\$.		
Agreement b	etween LGE & KU a	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		
Γ	Delivery Location:	Texas Eastern Transmission - KU-GARRARD	CO. KY	

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Tenaska Marke Attention: Contract Admin Fax Num: (402)758-6250 RE: Fixed Price Phy	istration Email: confi	rmations@te	enaska.com		Louisville Gas & Electric Company Kentucky Utilities Company
Reference: 2019006442					220 West Main Street, 7th Floor
End Date: 07/17/2019					Louisville, KY 40202
We are pleased to confirm the fo	ollowing physical	transaction co	oncluded with your c	company on 7/16	/2019.
Transaction amounts are expres	sed in MMBTU	and US\$.			
Agreement between LGE & KU	and Counterpart	y dated 7/1/20	004		
LG&E Trader:	JEREMY GES	SER		Service Level:	FIRM
Counterparty:	Tenaska Ma	arketing Ver	ntures		
Contact Name:	BRIAN SALAK	K			
Commodity Type:	Natural Gas				
Buyer:	Lou. Gas & El	ect. Co./KY Ut	tilities Co.		
Seller:	Tenaska Mark	eting Venture	S		
Delivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE P	POOLING	
Begin Date End Date	Volume	Price			

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Range Resour Attention: Contract Admin Fax Num: (724) 873-5480 RE: Fixed Price Ph	Email: rangeconfirmssmsd@rangeresourd	Louisville Gas & Electric Company
Reference: 2019006479		Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date: 07/18/2019		Louisville, KY 40202
We are pleased to confirm the	ollowing physical transaction concluded with your c	ompany on 7/17/2019.
Transaction amounts are expre	ssed in MMBTU and US\$.	
Agreement between LGE & KL	and Counterparty dated 10/13/2014	
LG&E Trade	: JEREMY GESSER	Service Level: FIRM
Counterparty	: Range Resources - Appalachia, LLC	
Contact Name	: NICHOLE JONES	
Commodity Type	: Natural Gas	
Buye	: Lou. Gas & Elect. Co./KY Utilities Co.	
Seller	: Range Resources - Appalachia, LLC	
Delivery Location	: Texas Eastern Transmission - KU-GARRARD C	О. КҮ

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006480 220 West Main Street, 7th Floor End Date: 07/18/2019 Louisville, KY 40202 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 Buver: 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.

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



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 Kentucky Utilities Company Reference: 2019006482 220 West Main Street, 7th Floor End Date: 07/18/2019 Louisville, KY 40202 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 Buver: 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.

Am H. Early

John H. Early

By:

Manager, Credit and Contract Administration

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.



Louisville Gas & Electric Company

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006483 220 West Main Street, 7th Floor End Date: 07/17/2019 Louisville, KY 40202 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 Buver: 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.

Am H. Early

John H. Early

By:

Manager, Credit and Contract Administration

Title:

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006561 220 West Main Street, 7th Floor End Date: 07/19/2019 Louisville, KY 40202 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 Buver: 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

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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.

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006562 220 West Main Street, 7th Floor End Date: 07/19/2019 Louisville, KY 40202 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 Buver: 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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/ To: Cor Attention: Cor Fax Num: (918	nocoPhillips C ntract Adminis					
	ed Price Phys					Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleased to	confirm the fo	llowing physical	transaction co	oncluded with your co	ompany on 7/18	/2019.
Transaction amou	nts are expres	sed in MMBTU a	and US\$.			
Agreement betwee	ən LGE & KU ຊ	and Counterpart	y dated 5/1/20	003		
L	-G&E Trader:	NICK MISTRY			Service Level:	FIRM
Cοι	unterparty:	ConocoPhil	lips Compar	ny		
Co	ontact Name:	MARWA BHA	ΤΙΑ			
Com	modity Type:	Natural Gas				
	Buyer:	Lou. Gas & El	ect. Co./KY Ut	ilities Co.		
	Seller: ConocoPhillips Company					
Delive	ery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE PO	OOLING	
Begin Date E	End Date	Volume	Price			

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Range Resource Attention: Contract Adminis Fax Num: (724) 873-5480 RE: Fixed Price Phys	stration Email: rangeconfirmssmsd@rangeresour	Louisville Gas & Electric Company				
Reference: 2019006564		Kentucky Utilities Company 220 West Main Street, 7th Floor				
End Date: 07/19/2019		Louisville, KY 40202				
We are pleased to confirm the fo	We are pleased to confirm the following physical transaction concluded with your company on 7/18/2019.					
Transaction amounts are express	sed in MMBTU and US\$.					
Agreement between LGE & KU a	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 C	О. КҮ				

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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006583 220 West Main Street, 7th Floor End Date: 07/22/2019 Louisville, KY 40202 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 Buver: 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.

Hen H. Carly

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006584 220 West Main Street, 7th Floor End Date: 07/20/2019 Louisville, KY 40202 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 Buver: 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

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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006585 220 West Main Street, 7th Floor End Date: 07/20/2019 Louisville, KY 40202 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 Buver: 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.

Hen H. Carly

John H. Early

By:

Title:

Manager, Credit and Contract Administration



To: Attention: Fax Num:	•••••••••••••••••••••••••••••••••••••••	stration Email: rang		sd@rangeresourc		Louisville Gas & Electric Company
	2019006586 07/19/2019					Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleas	ed to confirm the fo	llowing physical	transaction co	oncluded with your co	ompany on 7/19/2	2019.
Transaction a	mounts are expres	sed in MMBTU a	and US\$.			
Agreement be	etween LGE & KU a	and Counterparty	/ dated 10/13/2	2014		
	LG&E Trader:	AARON TOLLI	VER		Service Level:	FIRM
	Counterparty:	Range Reso	ources - App	oalachia, LLC		
	Contact Name:	BOB LEWIS				
	Commodity Type:	Natural Gas				
	Buyer:	Lou. Gas & Ele	ect. Co./KY Uti	ilities Co.		
	Seller:	Range Resour	ces - Appalacl	hia, LLC		
[Delivery Location:	Texas Eastern	Transmission	- KU-GARRARD C	О. КҮ	
Bogin Dato	End Date	Volume	Price			

Begin Date	End Date	Volume	Price
07/19/2019	07/19/2019	50000	2.31000

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Range Resource Attention: Contract Adminis Fax Num: (724) 873-5480 RE: Fixed Price Phys	stration Email: rangeconf		irces.com	LOUISVILLE Gas & Electric Company
Reference: 2019006587				Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date: 07/20/2019				Louisville, KY 40202
We are pleased to confirm the fo	llowing physical transa	action concluded with you	company on 7/19/	2019.
Transaction amounts are express	sed in MMBTU and US	S\$.		
Agreement between LGE & KU a	and Counterparty dated	d 10/13/2014		
LG&E Trader:	AARON TOLLIVER		Service Level:	FIRM
Counterparty:	Range Resource	es - Appalachia, LLC		
Contact Name:	BOB LEWIS			
Commodity Type:	Natural Gas			
Buyer:	Lou. Gas & Elect. Co	o./KY Utilities Co.		
Seller:	Range Resources - A	Appalachia, LLC		
Delivery Location:	Texas Eastern Trans	smission - KU-GARRARD	СО. КҮ	
Begin Date End Date	Volume Price	9		

Begin Date	End Date	volume	Price
07/20/2019	07/20/2019	67000	2.25000

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Range Resources - Appalach Attention: Contract Administration Fax Num: (724) 873-5480 Email: rar RE: Fixed Price Physical		Louisville Gas & Electric Company
Reference: 2019006588		Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date: 07/21/2019		Louisville, KY 40202
We are pleased to confirm the following physic	al transaction concluded with your company or	7/19/2019.
Transaction amounts are expressed in MMBTU	J and US\$.	
Agreement between LGE & KU and Counterpa	rty dated 10/13/2014	
LG&E Trader: AARON TOL	LIVER Service L	evel: FIRM
Counterparty: Range Re	sources - Appalachia, LLC	
Contact Name: BOB LEWIS		
Commodity Type: Natural Gas		
Buyer: Lou. Gas & F	Elect. Co./KY Utilities Co.	
Seller: Range Reso	ources - Appalachia, LLC	
Delivery Location: Texas Easte	ern Transmission - KU-GARRARD CO. KY	
Begin Date End Date Volume	Price	

Begin Date	End Date	volume	Price
07/21/2019	07/21/2019	20500	2.25000

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006613 220 West Main Street, 7th Floor End Date: 07/22/2019 Louisville, KY 40202 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 Buver: 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.

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



To:	08/01/2019 Tenaska Marketi Contract Adminis 402)758-6250 Fixed Price Phys	stration Email: confi	rmations@te	naska.com		Louisville Gas & Electric Company Kentucky Utilities Company
Reference:	2019006627					220 West Main Street, 7th Floor
End Date: (07/23/2019					Louisville, KY 40202
We are please	d to confirm the fo	llowing physical	transaction co	oncluded with your company	y on 7/22	/2019.
Transaction an	nounts are express	sed in MMBTU a	and US\$.			
Agreement bet	ween LGE & KU a	and Counterpart	y dated 7/1/20	04		
	LG&E Trader:	ALEX GREEN	WELL	Servio	e Level:	FIRM
C	Counterparty:	Tenaska Ma	arketing Ver	ntures		
	Contact Name:	BRIAN SALAK	,			
С	ommodity Type:	Natural Gas				
	Buyer:	Lou. Gas & El	ect. Co./KY Ut	ilities Co.		
	Seller: Tenaska Marketing Ventures					
De	elivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLIN	G	
Begin Date	End Date	Volume	Price			

Begin Date	End Date	Volume	Price
07/23/2019	07/23/2019	10000	2.08000

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: NextEra Energy Marketing, LLC Attention: Contract Administration Fax Num: (561) 625-7517 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006628 220 West Main Street, 7th Floor End Date: 07/23/2019 Louisville, KY 40202 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 Buver: 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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num:	08/01/2019 Tenaska Marketi Contract Adminis (402)758-6250 Fixed Price Phys	stration Email: confi	rmations@te	naska.com	Louisville Gas & Electric Company Kentucky Utilities Company	
Reference:	2019006629				220 West Main Street, 7th Floor	
End Date:	07/23/2019				Louisville, KY 40202	
We are please	ed to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/22/	2019.	
Transaction a	mounts are express	sed in MMBTU a	and US\$.			
Agreement be	tween LGE & KU a	and Counterpart	y dated 7/1/20	04		
	LG&E Trader:	ALEX GREEN	WELL	Service Level:	FIRM	
	Counterparty:	Tenaska Ma	arketing Ver	ntures		
	Contact Name:	BRIAN SALAK				
(Commodity Type:	Natural Gas				
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	ilities Co.		
	Seller: Tenaska Marketing Ventures					
D	elivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLING		
Begin Date	End Date	Volume	Price			

Begin Date	End Date	Volume	Price
07/23/2019	07/23/2019	30000	2.06000

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Tenaska Marketing Ve Attention: Contract Administration Fax Num: (402)758-6250 Ema RE: Fixed Price Physical	Louisville Gas & Electric Company Kentucky Utilities Company				
Reference: 2019006647		220 West Main Street, 7th Floor			
End Date: 07/24/2019		Louisville, KY 40202			
We are pleased to confirm the following	g physical transaction concluded with your company on 7/23/	2019.			
Transaction amounts are expressed in	MMBTU and US\$.				
Agreement between LGE & KU and Co	ounterparty dated 7/1/2004				
LG&E Trader: ALEX	X GREENWELL Service Level:	FIRM			
Counterparty: Tena	aska Marketing Ventures				
Contact Name: BRIA	AN SALAK				
Commodity Type: Natur	ıral Gas				
Buyer: Lou.	Buyer: Lou. Gas & Elect. Co./KY Utilities Co.				
Seller: Tena	Seller: Tenaska Marketing Ventures				
Delivery Location: Texas	as Gas Transmission - TGT Z1 MAINLINE POOLING				
Begin Date End Date Volur	me Price				

Begin Date	End Date	Volume	Price
07/24/2019	07/24/2019	10000	2.03000

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: T Attention: C Fax Num: (4	Date: 08/01/2019 To: Tenaska Marketing Ventures Attention: Contract Administration Fax Num: (402)758-6250 Email: confirmations@tenaska.co RE: Fixed Price Physical		naska.com	Louisville Gas & Electric Company Kentucky Utilities Company		
Reference: 2	2019006648					220 West Main Street, 7th Floor
End Date: 0	7/24/2019					Louisville, KY 40202
We are pleased	to confirm the fo	llowing physical	transaction co	oncluded with your compar	ny on 7/23/2	2019.
Transaction amo	ounts are expres	sed in MMBTU a	and US\$.			
Agreement betw	veen LGE & KU a	and Counterpart	y dated 7/1/20	04		
	LG&E Trader:	ALEX GREEN	WELL	Servi	ce Level:	FIRM
С	ounterparty:	Tenaska Ma	arketing Ver	ntures		
	Contact Name:	BRIAN SALAK				
Co	ommodity Type:	Natural Gas				
	Buyer: Lou. Gas & Elect. Co./KY Utilities Co.					
	Seller: Tenaska Marketing Ventures					
Del	livery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLIN	IG	
Begin Date	End Date	Volume	Price			

Begin Date	End Date	Volume	Price
07/24/2019	07/24/2019	40000	2.03000

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: T Attention: C Fax Num: (4	08/01/2019 enaska Marketi Contract Adminis 102)758-6250 Tixed Price Phys 2019006667	stration Email: confi	rmations@te	naska.com		Louisville Gas & Electric Company Kentucky Utilities Company
End Date: 0	7/25/2019					220 West Main Street, 7th Floor Louisville, KY 40202
We are pleased	We are pleased to confirm the following physical transaction concluded with your company on 7/24/2019.					
Transaction am	ounts are expres	sed in MMBTU a	and US\$.			
Agreement betw	veen LGE & KU a	and Counterpart	y dated 7/1/20	04		
	LG&E Trader:	ALEX GREEN	WELL	Servi	ce Level:	FIRM
С	ounterparty:	Tenaska Ma	arketing Ver	ntures		
	Contact Name:	BRIAN SALAK	ζ.			
Co	ommodity Type:	Natural Gas				
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	ilities Co.		
	Seller:	Tenaska Mark	eting Ventures	5		
Del	livery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLIN	NG	
Begin Date	End Date	Volume	Price			

Begin Date	End Date	Volume	Price
07/25/2019	07/25/2019	10000	1.99000

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006668 220 West Main Street, 7th Floor End Date: 07/25/2019 Louisville, KY 40202 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 Buver: 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.

Hen H. Carly

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: NextEra Energy Marketing, LLC Attention: Contract Administration Fax Num: (561) 625-7517 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006669 220 West Main Street, 7th Floor End Date: 07/25/2019 Louisville, KY 40202 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 Buver: 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

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: NextEra Energy Marketing, LLC Attention: Contract Administration Fax Num: (561) 625-7517 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006670 220 West Main Street, 7th Floor End Date: 07/25/2019 Louisville, KY 40202 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 Buver: Lou. Gas & Elect. Co./KY Utilities Co. Seller: NextEra Energy Marketing, LLC Delivery Location: Texas Gas Transmission - TGT Z1 MAINLINE POOLING Volumo

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date:
08/01/2019

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

Attention:
Contract Administration

Fax Num:
(713)265-2171

RE:
Fixed Price Physical

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

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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.

Am H. Early

John H. Early

By:

Manager, Credit and Contract Administration

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.



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

Date: 08/01/2019 To: NextEra Energy Marketing, LLC Attention: Contract Administration Fax Num: (561) 625-7517 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006688 220 West Main Street, 7th Floor End Date: 07/26/2019 Louisville, KY 40202 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 Buver: 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

- J			
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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: NextEra Energy Marketing, LLC Attention: Contract Administration Fax Num: (561) 625-7517 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006689 220 West Main Street, 7th Floor End Date: 07/26/2019 Louisville, KY 40202 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 Buver: 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

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



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 Reference: 2019006727 End Date: 07/29/2019



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

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

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.

Am H. Early

John H. Early

By:

Manager, Credit and Contract Administration

Title:

Date: 08/01/2019 To: Castleton Commodities Merchant Trading L.P. Attention: Contract Administration Fax Num: (203)564-8182 Email: htn-ctradmin@cci.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006728 220 West Main Street, 7th Floor End Date: 07/29/2019 Louisville, KY 40202 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 Buver: 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

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 Castleton Commodities Merchant Trading L.P.

Am H. Carly

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Texla Energy Management, Inc. Attention: Contract Administration Fax Num: (713)655-9906 Email: confirmations@texlaenergy.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006729 220 West Main Street, 7th Floor End Date: 07/29/2019 Louisville, KY 40202 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 Buver: 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

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 Texla Energy Management, Inc.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num: RE: Reference:	Contract Adminis	Email: rangeconfirmssmsd@rangeresou	rces.com	Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleas	ed to confirm the fol	lowing physical transaction concluded with your	company on 7/26/	/2019.
Transaction a	amounts are express	sed in MMBTU and US\$.		
Agreement be	etween LGE & KU a	nd 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

flm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

 Date:
 08/01/2019

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

 Attention:
 Contract Administration

 Fax Num:
 (713)265-2171

 Email:
 Image: Contract Administration

 RE:
 Fixed Price Physical

 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 GESSERService Level:FIRMCounterparty:Shell Energy North America (US), L.P.Image: Contact Name:Image: Contact Nam

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.

Am H. Early

John H. Early

By:

Manager, Credit and Contract Administration

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.



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

To: Attention: Fax Num: RE: Reference:	Fixed Price Phys 2019006748	stration Email: confi	rmations@te	naska.com		Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/29/2019					Louisville, KY 40202
We are please	ed to confirm the fo	llowing physical	transaction co	oncluded with your compa	any on 7/27/	2019.
Transaction a	mounts are expres	sed in MMBTU a	and US\$.			
Agreement be	etween LGE & KU a	and Counterpart	y dated 7/1/20	04		
	LG&E Trader:	JEREMY GES	SER	Serv	ice Level:	FIRM
	Counterparty:	Tenaska Ma	arketing Ver	ntures		
	Contact Name:	BRIAN SALA	<			
(Commodity Type:	Natural Gas				
	Buyer:	Lou. Gas & Ele	ect. Co./KY Ut	ilities Co.		
	Seller:	Tenaska Mark	eting Ventures	3		
D	elivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLI	NG	
Begin Date	End Date	Volume	Price			

Begin Date	End Date	Volume	Price
07/27/2019	07/29/2019	5000	2.04000

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Eco-Energy Natural Gas, LLC Attention: Contract Administration Fax Num: (615) 778-2897 Email: contracts@eco-energy.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006749 220 West Main Street, 7th Floor End Date: 07/29/2019 Louisville, KY 40202 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 Buver: 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
07/07/0040	07/00/0040	0500	0 4 5 0 0 0

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 Eco-Energy Natural Gas, LLC

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num: RE: Reference:	Contract Adminis	Email: rangeconfirmssmsd@rangeresou	rces.com	Louisville Gas & Electric Company Kentucky Utilities Company 220 West Main Street, 7th Floor Louisville, KY 40202
We are pleas	ed to confirm the fol	lowing physical transaction concluded with your	company on 7/29	/2019.
Transaction a	amounts are express	sed in MMBTU and US\$.		
Agreement be	etween LGE & KU a	nd 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

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006848 220 West Main Street, 7th Floor End Date: 07/30/2019 Louisville, KY 40202 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 Buver: 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

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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To:	Fixed Price Phys	istration Email: confirmations@tenaska.com sical Louisville Gas & Ele			Louisville Gas & Electric Company Kentucky Utilities Company	
End Date: ()7/30/2019					220 West Main Street, 7th Floor Louisville, KY 40202
	We are pleased to confirm the following physical transaction concluded with your company on 7/29/2019.					
Transaction an	nounts are expres	sed in MMBTU a	and US\$.			
Agreement bet	ween LGE & KU a	and Counterpart	y dated 7/1/20	04		
	LG&E Trader:	JEREMY BLAI	ΚE		Service Level:	FIRM
C	Counterparty:	Tenaska Ma	arketing Ver	ntures		
	Contact Name:	BRIAN SALAK	ζ.			
C	Commodity Type: Natural Gas					
	Buyer: Lou. Gas & Elect. Co./KY Utilities Co.					
Seller: Tenaska Marketing Ventures						
De	elivery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE P	OOLING	
Begin Date	End Date	Volume	Price			

07/30/2019

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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10000

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.

07/30/2019

Regards,

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

Hun H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: T Attention: C Fax Num: (4	08/01/2019 Fenaska Marketi Contract Adminis 402)758-6250 Fixed Price Phys	stration Email: confi	rmations@te	naska.com	Louisville Gas & Electric Company Kentucky Utilities Company
Reference. 2	1010000000				220 West Main Street, 7th Floor
End Date: 0	7/30/2019				Louisville, KY 40202
We are pleased	I to confirm the fo	llowing physical	transaction co	oncluded with your company on	7/29/2019.
Transaction am	ounts are expres	sed in MMBTU a	and US\$.		
Agreement betw	ween LGE & KU a	and Counterpart	y dated 7/1/20	04	
	LG&E Trader:	JEREMY BLAI	ΚE	Service Le	evel: FIRM
C	ounterparty:	Tenaska Ma	arketing Ver	ntures	
	Contact Name:	BRIAN SALAK	ζ.		
Co	ommodity Type:	Natural Gas			
	Buyer: Lou. Gas & Elect. Co./KY Utilities Co.				
Seller: Tenaska Marketing Ventures					
De	livery Location:	Texas Gas Tra	ansmission - T	GT Z1 MAINLINE POOLING	
Begin Date	End Date	Volume	Price		

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

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006851 220 West Main Street, 7th Floor End Date: 07/30/2019 Louisville, KY 40202 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 Buver: 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

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.

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006852 220 West Main Street, 7th Floor End Date: 07/30/2019 Louisville, KY 40202 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 Buver: 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

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.

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration



To: Attention: Fax Num: RE:	Date: 08/01/2019 To: Tenaska Marketing Ventures Attention: Contract Administration Fax Num: (402)758-6250 Email: confirmations@tenaska.com RE: Fixed Price Physical Reference: 2019006855				Louisville Gas & Electric Company Kentucky Utilities Company	
End Date:	07/30/2019					220 West Main Street, 7th Floor Louisville, KY 40202
We are please	d to confirm the fo	llowing physical	transaction co	oncluded with your co	mpany on 7/29/	/2019.
Transaction ar	mounts are express	sed in MMBTU a	and US\$.			
Agreement be	tween LGE & KU a	and Counterpart	y dated 7/1/20	004		
	LG&E Trader:	JEREMY BLAI	ΚE	:	Service Level:	FIRM
(Counterparty:	Tenaska Ma	arketing Ver	ntures		
	Contact Name:	BRIAN SALA	<			
C	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			

Please	Note:
110400	

07/30/2019

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

1,96000

10000

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.

07/30/2019

Regards,

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

An H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: NextEra Energy Marketing, LLC Attention: Contract Administration Fax Num: (561) 625-7517 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006869 220 West Main Street, 7th Floor End Date: 07/29/2019 Louisville, KY 40202 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 Buver: 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

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

Hm H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

To: Attention: Fax Num:	08/01/2019 ConocoPhillips (Contract Adminis (918)662-5943 Fixed Price Phys	stration Email:		Louisville Gas & Electric Company
Reference:	2019006889			Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date:	07/31/2019			Louisville, KY 40202
We are please	d to confirm the fo	llowing physical	transaction co	oncluded with your company on 7/30/2019.
Transaction ar	mounts are expres	sed in MMBTU a	and US\$.	
Agreement be	tween LGE & KU a	and Counterparty	/ dated 5/1/20	003
	LG&E Trader:	AARON TOLL	VER	Service Level: FIRM
(Counterparty:	ConocoPhill	ips Compar	ny
	Contact Name: MARWA BHATIA			
C	commodity Type:	Natural Gas		
	Buyer: Lou. Gas & Elect. Co./KY Utilities Co.			tilities Co.
	Seller: ConocoPhillips Company			
D	elivery Location:	Texas Gas Tra	Insmission - T	IGT 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

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Castleton Commodities Merchant Trading L.P. Attention: Contract Administration Fax Num: (203)564-8182 Email: htn-ctradmin@cci.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006890 220 West Main Street, 7th Floor End Date: 07/31/2019 Louisville, KY 40202 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 Buver: 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

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 Castleton Commodities Merchant Trading L.P.

Am H. Carly

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Texla Energy Management, Inc. Attention: Contract Administration Email: confirmations@texlaenergy.com Fax Num: (713)655-9906 Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006891 220 West Main Street, 7th Floor End Date: 07/31/2019 Louisville, KY 40202 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 Buver: 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

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 Texla Energy Management, Inc.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Texla Energy Management, Inc. Attention: Contract Administration Fax Num: (713)655-9906 Email: confirmations@texlaenergy.com Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006892 220 West Main Street, 7th Floor End Date: 07/31/2019 Louisville, KY 40202 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 Buver: 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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Shell Energy North America (US), L.P. Attention: Contract Administration Fax Num: (713)265-2171 Email: Louisville Gas & Electric Company RE: Fixed Price Physical Kentucky Utilities Company Reference: 2019006894 220 West Main Street, 7th Floor End Date: 07/31/2019 Louisville, KY 40202 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 Buver: 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.

Hen H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration

Date: 08/01/2019 To: Range Resource Attention: Contract Adminis Fax Num: (724) 873-5480 RE: Fixed Price Phys	stration Email: rangeconfirmssmsd@rangeresourc	Louisville Gas & Electric Company
Reference: 2019006917		Kentucky Utilities Company 220 West Main Street, 7th Floor
End Date: 07/31/2019		Louisville, KY 40202
We are pleased to confirm the fo	llowing physical transaction concluded with your co	mpany on 7/30/2019.
Transaction amounts are express	sed in MMBTU and US\$.	
Agreement between LGE & KU a	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	D. 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

Am H. Early

John H. Early

By:

Title:

Manager, Credit and Contract Administration