### COMMONWEALTH OF KENTUCKY

## BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

RIVERSIDE GENERATING COMPANY, L.L.C.	)
	)
V.	) Case No. 2017-00472
	)
KENTUCKY POWER COMPANY	)

# **RIVERSIDE GENERATING COMPANY, L.L.C.'S RESPONSE TO COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION**

Filed: April 20, 2018

Item 1 Page 1 of 33 Witness: Anthony Hammond

### Riverside Generating Company, L.L.C. Case No. 2017-00472 Commission Staff's First Request for Information

- 1. Refer to the Direct Testimony of Anthony Hammond ("Hammond Testimony"), page 2, line 20 through page 3, line 4.
  - a. State the date that the Zelda generating station began service with Kentucky Power Company ("Kentucky Power") and the rate schedule under which it was served.
  - b. State the date that the Foothills generating station began service with Kentucky Power and the rate schedule under which it was served.
  - c. Provide a copy of the bills received by Riverside from Kentucky Power for service to the Zelda and Foothills generating stations for service for the calendar year 2017 to date.

#### **Response:**

- a. Upon information and belief, Riverside's Zelda generating station began service with Kentucky Power in or around November 2000 and was served under the utility's Tariff N.U.G. and charged the rates prescribed in tariff schedule Quantity Power Transmission, Code 360.
- b. Upon information and belief, Riverside's Foothills generating station began service with Kentucky Power in or around February 2002 and was served under the utility's Tariff N.U.G. and charged the rates prescribed in tariff schedule Quantity Power – Transmission, Code 360.
- c. Please see Page 2 through Page 33 of this Response.

Amount Enclosed

\$

Due Jan 20, Add \$4,229.33 After This Date



A unit of American Electric Power

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

2549-1 030002549 01 AV 0.373

թերիներիրողիլիլիրունեսինիրիրիորեսիրդիրե **RIVERSIDE GENERATING COMPANY LLC RIVERSIDE/FOOTHILLS GENERATING CO** 25038 HIGHWAY 23 CATLETTSBURG, KY 41129-8635

### Make Check Payable and Send To: KENTUCKY POWER COMPANY PO BOX 24410 CANTON OH 44701-4410 յինիներերերերերություններուներերերերերերերեր

\$84,586.56

**Total Amount Due** 

### 00845865600888158901000000000348736861904012201031900008

Rate Tariff: Industrial Gnl Service-360

Account Number

CY 31

8458656

Please tear on dotted line

Service Address: **RIVERSIDE GENERATING COMPANY** LLC **HIGHWAY 23** CATLETTSBURG, KY 41129-9802

Questions About Bill or Service, Call: 1-888-710-4237 Pay By Phone: 1-800-611-0964

### **KPCO Messages**

Register for online services at www.KentuckyPower.com. Registration is free and easy and gives you the convenience of 24-hour access to your account. You can sign up for paperless billing, view your bill, check your usage, update your contact information, and much more.

Make this the last bill sent in the mail. Gain more security and trust and Go Paperless to get an email notification when your bill is ready. Today is the Day! AEPPaperless.com.

Visit us at www.KentuckyPower.com Rates available on request See other side for Important Information



**Total Amount Due** Account Number Due Date Jan 20, 2017 \$84,586.56 Meter Number **Bill Date** Cycle-Route Lt1201a004 31-97 Jan 4, 2017

Return top portion with your payment

Previous Charges:	
Total Amount Due At Last Billing	\$ 82,205.61
Payment 12/21/16 - Thank You	-82,205.61
Previous Balance Due	\$ .00
Current KPCO Charges:	
Tariff 360 - Industrial Gnl Service 12/31/16	
Rate Billing	\$ 62,140.62
Fuel Adj @ 0.0048008 Per KWH	3,802.23
Kentucky Economic Development Surcharge	.15
Capacity Charge @ 0.0007320 Per KWH	579.74
Big Sandy 1 Operation Rider @ 0.0014100 Per KWH	1,116.72
Big Sandy 1 Operation Rider @ \$1.1400000 Per KW	3,748.32
Purchased Power Adj 0.1278000%	91.23
Big Sandy Retirement Rider 5.4339000%	2,557.92
Environmental Adj 17.1773000%	8,085.94
School Tax	2,463.69
Current Electric Charges Due	\$ 84,586.56

## **Total Amount Due**

\$84,586.56

Page 1 of 2

#### Due Jan 20, Add \$4,229.33 After This Date

Meter	Service F	Period		Meter Reading Detail			
Number	From	То	Previous	Code	Current	Code	
LT1204A035	11/30	12/31	21183	Actual	21717	Actual	
Multiplier	1,000.0000		Mete	red Usage	534,000 KW	/H	
LT1201A004	11/30	12/31	13964	Actual	14222	Actual	
Multiplier	,000.0000		Mete	red Usage	258,000 KW	/H	
LT1204A035	11/30	12/31	0.000	Actual	1.012	Actual	
Multiplier	,000.0000		Metered Usage 1,012.000 KW Off-Pk				
LT1204A035	11/30	12/31	0.000	Actual	2.132	Actual	
Multiplier	,000.0000		Metered	Metered Usage 2,132.000 KW On-Pk			
LT1201A004	11/30	12/31	0.000	Actual	1.584	Actual	
Multiplier	,000.0000		Metered Usage 1,584.000 KW Off-Pk			Off-Pk	
LT1201A004	11/30	12/31	0.000	Actual	0.400	Actual	
Multiplier	,000.0000		Metered Usage 400.000 KW On-Pk				
LT1204A035	11/30	12/31	0.000	Actual	1.804	Actual	
Multiplier	,000.0000		Meter	ed Usage	1,804.000 KV	/AR	

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

2549-1

#### Service Address:

RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

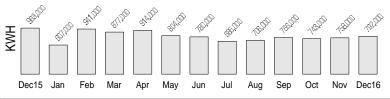
Account Number	Total Amount Due	Due Date
	\$84,586.56	Jan 20, 2017
Meter Number	Cycle-Route	Bill Date
Lt1201a004	31-97	Jan 4, 2017

Meter	Service F	Period	Meter Reading Detail						
Number	From	То	Previous	Code	Current	Code			
LT1201A004	11/30	12/31	0.000	Actual	0.000	Actual			
Multiplier 1,000.0000 Metered Usage 0.000 KVAR						२			
Next scheduled read	Next scheduled read date should be between Jan 30 and Feb 2								

13 Month Usage History

Rate Tariff: Industrial Gnl Service-360

#### Total KWH for Past 12 Months is 9,544,000



Month	Total KWH	Days	KWH Per Day	Cost Per Day	Average Temperature				
Current	792,000	31	25,548	\$2,728.60	32°F				
Previous	758,000	30	25,267	\$2,740.19	50°F				
One Year Ago	48°F								
Your Average	One Year Ago 963,000 31 31,065 \$1,768.79 48°F Your Average Monthly Usage: 795,333 KWH								

	Adjusted Usage 12/16									
	Power	<b>Power Factor</b>	Comp. Meter							
Metered Usage	Factor	Constant	Multiplier	Billing Usage						
792,000				792,000 KWH						
2,532.000				2,532.000 KW On-Pk						
2,596.000				2,596.000 KW Off-Pk						
1,804.000				506.000 KVAR						
Contract Capacity	= 3,100.0		High Prev Demand = 5,480.0 On-Pk							
			High Prev Dema	and = 5,480.0 Off-Pk						



AEP KENTUCKY POWER A unit of American Electric Power

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

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Questions 1-888-710 Pay By Ph

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Make Check Payable and Send To: KENTUCKY POWER COMPANY PO BOX 24410 CANTON OH 44701-4410 

\$83,370.81

**Total Amount Due** 

\$

Due Feb 20, Add \$4,168.54 After This Date

Amount Enclosed

### 00833708100875393501000000000348736861902022202031900009

Please tear on dotted line		Return top por	tion with your p	ayment
Service Address:	Rate Tariff: Industrial Gnl Se	ervice-360		Page 1 of 2
	Account Number	Total Amount Due	Due	Date
		\$83,370.81	Feb 2	20, 2017
HIGHWAY 23	Meter Number	Cycle-Route	Bill	Date .
CATLETTSBURG, KY 41129-9802	Lt1201a004	31-97	Feb	2, 2017
	Previous Charges:			
	Total Amount Due At Last	Billing	\$	84,586.56
Questions About Bill or Service, Call:	Payment 01/20/17 - Thank	You		-84,586.56
1-888-710-4237	Previous Balance D	ue	\$	.00
Pay By Phone: 1-800-611-0964	Current KPCO Charges:			
	Tariff 360 - Industrial Gnl S	Service 01/31/17		
KPCO Messages	Rate Billing		\$	63,920.02
Make this the last bill sent in the mail. Gain	Fuel Adj @ 0.0021534 Per	KWH		1,843.31
more security and trust and Go Paperless to	Kentucky Economic Develo	opment Surcharge		.15
get an email notification when your bill is	Capacity Charge @ 0.0007		626.59	
ready. Today is the Day! AEPPaperless.com.	Big Sandy 1 Operation Rid	er @ 0.0014100 Per KWH		1,206.96
	Big Sandy 1 Operation Rid	er @ \$1.1400000 Per KW		3,748.32
	Purchased Power Adj 0.10	66000%		76.05
	Big Sandy Retirement Ride	er 5.4339000%		2,499.55
	Environmental Adj 15.8673	3000%		7,298.83
ers ki i têşme.	School Tax			2,436.59
	Current Electric Cha	arges Due	\$	83,656.37
	Deposit Interest Applied	•	\$	-285.56
	Total Amount Due			\$83,370.81
	Due Feb 20 , Add \$4,16	8.54 After This Date		
	Motor	o Poriod	Peading Def	

Meter	Service F	Period		Meter Reading Detail			
Number	From	То	Previous	Code	Current	Code	
LT1204A035	12/31	01/31	21717	Actual	22274	Actual	
Multiplier 1	,000.0000		Mete	red Usage	557,000 KW	Ή	
LT1201A004	12/31	01/31	14222	Actual	14521	Actual	
Multiplier 1	,000.0000		Mete	red Usage	299,000 KW	Ή	
LT1204A035	12/31	01/31	0.000	Actual	2.748	Actual	
Multiplier 1	,000.0000		Metered	Usage 2,7	748.000 KW 0	)ff-Pk	
LT1204A035	12/31	01/31	0.000	Actual	1.304	Actual	
Multiplier 1	,000.0000		Metered Usage 1,304.000 KW On-Pk			Dn-Pk	
LT1201A004	12/31	01/31	0.000	Actual	0.528	Actual	
Multiplier 1	,000.0000		Metered Usage 528.000 KW Off-Pk				
LT1201A004	12/31	01/31	0.000	Actual	1.560	Actual	
Multiplier 1	,000.0000		Metered	Usage 1,5	560.000 KW (	Dn-Pk	

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Account Number

CY 31 8365637 Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

2557-1

Service Address: RIVER\$IDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Rate Tariff: Industrial	Page 2 of 2				
Account Number	Total Amount Due	Due Date			
	\$83,370.81	Feb 20, 2017			
Meter Number	Cycle-Route	Bill Date			
Lt1201a004	31-97	Feb 2, 2017			

Meter	Service	Period	The second secon	Meter Read	ding Detail	And the second s		
Number	From	То	Previous	Code	Current	Code		
LT1204A035	12/31	01/31	0.000	Actual	1.892	Actual		
Multiplier	1,000.0000		Meter	Metered Usage 1,892.000 KVAR				
LT1201A004	LT1201A004 12/31 01/31 0.000 Actual 0.000 Actual							
Multiplier 1,000.0000 Metered Usage 0.000 KVAR								
Next scheduled rea	d date shou	ld be be	tween Feb 2	7 and Mar 2	2			

#### 13 Month Usage History

Total KWH for Past 12 Months is 9,373,000

Jan16 Feb			0	Jun	473,486 - 5 473,486 - 5 473,48	THE HE	ree und	1 <sup>FA3190</sup>	T& III	PRIM Dec	A Constant of the second secon
Month	Total M	100	24	<b>0</b> 7	7 642		st Per	50		219	nperature -

Current	856,000	31	27,613	\$2,698.59	31℉		
Previous	792,000	31	25,548	\$2,728.60	32°F		
One Year Ago	607,000	31	19,581	\$1,829.07	30°F		
Your Average Monthly Usage: 781,083 KWH							

Adjusted Usage 01/17					
	Power	Power Factor	Comp. Meter		
Metered Usage	Factor	Constant	Multiplier	Billing Usage	
856,000				856,000 KWH	
2,864.000		2,864.000 KW On-Pk			
3,276.000				3,276.000 KW Off-Pk	
1,892.000			-	254.000 KVAR	
Contract Capacity	= 3,100.0	<b>_</b> .h.	High Prev Dema	nd = 5,480.0 On-Pk	
			High Prev Dema	ind = 5,480.0 Off-Pk	

Additional Messages

and the second sec		<b>`</b>
BATCH DATE:	ana an an tha fill the contained a second and the second	
BATCHNO:	y poká v Rok Daugo za Ab Chara Billiún hanki k klavy pjerne za Bar	
DOCREFNO:	ale a su a s	
ACCOUNT NO:	455020	
	K1067	



APPROVED FOR PAYMENT

STEVEN R. HOLBROOK RIVERSIDE

Item 1	
Page 6 of 33	
Witness: Anthony Hammond	



A unit of American Electric Powe

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

3606-1 030003606 01 AB 0.40

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#### Make Check Payable and Send To: **KENTUCKY POWER COMPANY** PO BOX 24410 CANTON OH 44701-4410 յինիներերերերերություններուներերերերերերերեր

### 00825281400866545501000000000348736861902032203031900000

Rate Tariff: Industrial Gnl Service-360

Please tear on dotted line

Service Address: RIVERSIDE GENERATING COMPANY II C **HIGHWAY 23** CATLETTSBURG, KY 41129-9802

Questions About Bill or Service, Call: 1-888-710-4237 Pay By Phone: 1-800-611-0964

#### **KPCO** Messages

Make this the last bill sent in the mail. Gain more security and trust and Go Paperless to get an email notification when your bill is ready. Today is the Day! AEPPaperless.com.

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**Total Amount Due** Account Number Due Date Mar 20, 2017 \$82,528.14 Meter Number **Bill Date** Cycle-Route Lt1201a004 31-97 Mar 2, 2017 Previous Charges: Total Amount Due At Last Billing \$ 83,370.81 Payment 02/21/17 - Thank You -83,370.81 Previous Balance Due \$ .00 **Current KPCO Charges:** Tariff 360 - Industrial Gnl Service 02/28/17 Rate Billing \$ 64,254.08 Fuel Adj @ 0.0014427 Per KWH 1,223.41 Kentucky Economic Development Surcharge .15 Capacity Charge @ 0.0007320 Per KWH 620.74 Big Sandy 1 Operation Rider @ 0.0014100 Per KWH 1,195.68 Big Sandy 1 Operation Rider @ \$1.1400000 Per KW 3.748.32 Purchased Power Adj 0.0142000-% -10.09Big Sandy Retirement Rider 5.4339000% 2,557.24 Environmental Adj 13.8860000% 6,534.88 School Tax 2,403.73 **Current Electric Charges Due** 82,528.14 \$

### **Total Amount Due**

\$82,528.14

#### Due Mar 20, Add \$4,126.41 After This Date

Meter	Service F	Period	I	Meter Read	ling Detail	
Number	From	То	Previous	Code	Current	Code
LT1204A035	01/31	02/28	22274	Actual	22785	Actual
Multiplier 1	,000.0000		Mete	red Usage	511,000 KW	Ή
LT1201A004	01/31	02/28	14521	Actual	14858	Actual
Multiplier 1	,000.0000		Mete	red Usage	337,000 KW	Ή
LT1204A035	01/31	02/28	0.000	Actual	0.868	Actual
Multiplier 1	,000.0000		Metereo	d Usage 80	68.000 KW O	ff-Pk
LT1204A035	01/31	02/28	0.000	Actual	0.852	Actual
Multiplier 1	,000.0000		Metereo	d Usage 8	52.000 KW O	n-Pk
LT1201A004	01/31	02/28	0.000	Actual	0.548	Actual
Multiplier 1	,000.0000		Metereo	d Usage 54	48.000 KW O	ff-Pk
LT1201A004	01/31	02/28	0.000	Actual	0.532	Actual
Multiplier 1	,000.0000		Metereo	d Usage 5	32.000 KW O	n-Pk
LT1204A035	01/31	02/28	0.000	Actual	1.800	Actual
Multiplier 1	,000.0000		Meter	ed Usage	1,800.000 KV	'AR

Page 1 of 2

**Total Amount Due** 

\$82,528.14

Amount Enclosed

Due Mar 20, Add \$4,126.41 After This Date

\$

Return top portion with your payment

Account Number CY 31

8252814

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

3606-1

#### Service Address:

RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Account Number	Total Amount Due	Due Date
	\$82,528.14	Mar 20, 2017
Meter Number	Cycle-Route	Bill Date
Lt1201a004	31-97	Mar 2, 2017

Meter	Service Period		Meter Reading Detail			
Number	From	То	Previous	Code	Current	Code
LT1201A004	01/31	02/28	0.000	Actual	0.000	Actual
Multiplier 1,000.0000			Mete	ered Usage	e 0.000 KVA	२
Next scheduled read date should be between Mar 30 and Apr 4						

13 Month Usage History

Rate Tariff: Industrial Gnl Service-360

#### Total KWH for Past 12 Months is 9,622,000

\$2,698.59

\$2,113.49

31°F

38°F



 Previous
 856,000
 31
 27,613

 One Year Ago
 941,000
 29
 32,448

 Your Average Monthly Usage:
 801,833 KWH

Adjusted Usage 02/17							
	Power Power Factor Comp. Meter						
Metered Usage	Factor	Constant	Multiplier	Billing Usage			
848,000				848,000 KWH			
1,384.000				1,384.000 KW On-Pk			
1,416.000				1,416.000 KW Off-Pk			
1,800.000				1,092.000 KVAR			
Contract Capacity = 3,100.0 High Prev Demand = 5,480.0 On-Pk							
High Prev Demand = 5,480.0 Off-Pk							



Amount Enclosed

\$

Return top portion with your payment

Due Apr 21, Add \$4,125.72 After This Date



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Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

3716-1 030003716 01 AV 0.37

#### 

\$82,514.43

**Total Amount Due** 

### 00825144300866401501000000000348736861905042304031900004

Rate Tariff: Industrial Gnl Service-360

Account Number

CY 31 8251443

Please tear on dotted line

Service Address: RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Questions About Bill or Service, Call: 1-888-710-4237 Pay By Phone: 1-800-611-0964

#### **KPCO Messages**

Stealing copper is illegal and can have deadly consequences. Reporting copper theft could save a life, so if you have any information, please call 1-866-747-5845.

Make this the last bill sent in the mail. Gain more security and trust and Go Paperless to get an email notification when your bill is ready. Today is the Day! AEPPaperless.com.

Visit us at www.KentuckyPower.com Rates available on request See other side for Important Information



 Account Number
 Total Amount Due
 Due Date

 \$82,514.43
 Apr 21, 2017

 Meter Number
 Cycle-Route
 Bill Date

 Lt1201a004
 31-97
 Apr 5, 2017

 Previous Charges:
 State Billing
 \$ 82,528,14

Total Amount Due At Last Billing	\$ 82,528.14
Payment 03/20/17 - Thank You	 -82,528.14
Previous Balance Due	\$ .00
Current KPCO Charges:	
Tariff 360 - Industrial Gnl Service 03/31/17	
Rate Billing	\$ 63,060.58
Fuel Adj @ 0.0034566 Per KWH	2,875.89
Kentucky Economic Development Surcharge	.15
Capacity Charge @ 0.0007320 Per KWH	609.02
Big Sandy 1 Operation Rider @ 0.0014100 Per KWH	1,173.12
Big Sandy 1 Operation Rider @ \$1.1400000 Per KW	3,748.32
Purchased Power Adj 0.2822000%	201.68
Big Sandy Retirement Rider 5.4339000%	2,609.43
Environmental Adj 12.1465000%	5,832.91
School Tax	2,403.33
Current Electric Charges Due	\$ 82,514.43

### Total Amount Due

\$82,514.43

Page 1 of 2

#### Due Apr 21, Add \$4,125.72 After This Date

Meter	Service F	Period	I	Meter Read	ding Detail	
Number	From	То	Previous	Code	Current	Code
LT1204A035	02/28	03/31	22785	Actual	23277	Actual
Multiplier 1	,000.0000		Mete	red Usage	492,000 KW	Ή
LT1201A004	02/28	03/31	14858	Actual	15198	Actual
Multiplier 1	,000.0000		Mete	red Usage	340,000 KW	Ή
LT1204A035	02/28	03/31	0.000	Actual	2.060	Actual
Multiplier 1	,000.0000		Metered	Usage 2,0	060.000 KW C	Off-Pk
LT1204A035	02/28	03/31	0.000	Actual	0.000	Actual
Multiplier 1	,000.0000		Metere	ed Usage (	0.000 KW On	-Pk
LT1201A004	02/28	03/31	0.000	Actual	1.384	Actual
Multiplier 1	,000.0000		Metered	Usage 1,3	384.000 KW C	Off-Pk
LT1201A004	02/28	03/31	0.000	Actual	2.616	Actual
Multiplier 1	,000.0000		Metered	Usage 2,6	616.000 KW 0	Dn-Pk
LT1204A035	02/28	03/31	0.000	Actual	1.792	Actual
Multiplier 1	,000.0000		Meter	ed Usage	1,792.000 KV	'AR

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

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3/1	0- I

#### Service Address:

**RIVERSIDE GENERATING COMPANY** LLC **HIGHWAY 23** CATLETTSBURG, KY 41129-9802

Rate Tariff: Industrial	Page 2 of 2	
Account Number	Total Amount Due	Due Date
	\$82,514.43	Apr 21, 2017
Meter Number	Cycle-Route	Bill Date
Lt1201a004	31-97	Apr 5, 2017

Meter	Service Period		Meter Reading Detail			
Number	From	То	Previous	Code	Current	Code
LT1201A004	02/28	03/31	0.000	Actual	0.000	Actual
Multiplier 1,000.0000 Metered Usage 0.000 KVAR						
Next scheduled read date should be between Apr 28 and May 3						

#### 13 Month Usage History

#### Total KWH for Past 12 Months is 9,529,000

\$2,947.43

\$2,371.38

46°F

52°F



848,000 30,286 Previous One Year Ago 877,000 31 28,290 Your Average Monthly Usage: 794,083 KWH

28

Adjusted Usage 03/17								
	Power Power Factor Comp. Meter							
Metered Usage	Factor	Constant	Multiplier	Billing Usage				
832,000				832,000 KWH				
2,616.000				2,616.000 KW On-Pk				
3,444.000			3,444.000 KW O					
1,792.000				70.000 KVAR				
Contract Capacity = 3,100.0 High Prev Demand = 5,480.0 On-Pk								
High Prev Demand = 5,480.0 Off-Pk								



	Item 1
Page	10 of 33
Witness: Anthony Ha	ammond

Amount Enclosed

\$

Return top portion with your payment

Due May 17, Add \$4,072.67 After This Date



A unit of American Electric Power

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

5035-1 030005035 01 AB 0.40

#### 

\$81,453.40

**Total Amount Due** 

### 008145340008552607010000000000348736861901051905031900008

Account Number

CY 31 8145340

Please tear on dotted line

Service Address: RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Questions About Bill or Service, Call: 1-888-710-4237 Pay By Phone: 1-800-611-0964

#### **KPCO Messages**

Register for online services at www.KentuckyPower.com. Registration is free and easy and gives you the convenience of 24-hour access to your account. You can sign up for paperless billing, view your bill, check your usage, update your contact information, and much more.

**Make this the last bill sent in the mail.** Gain more security and trust and Go Paperless to get an email notification when your bill is ready. Today is the Day! AEPPaperless.com.

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A unit of American Electric Power

Rate Tariff: Industrial GnI S	Rate Tariff: Industrial GnI Service-360					
Account Number	Total Amount Due	Du	e Date			
	\$81,453.40	May 17, 2017				
Meter Number	Cycle-Route	Bill Date				
Lt1201a004	31-97	Мау	1, 2017			
Previous Charges:						
Total Amount Due At Last	Billing	\$	82,514.43			
Payment 04/18/17 - Thank	You		-82,514.43			
Previous Balance D	ue	\$	.00			
<b>Current KPCO Charges:</b>						
Tariff 360 - Industrial Gnl	Service 04/30/17					
Rate Billing		\$	62,161.32			
Fuel Adj @ 0.0024696 Per	· KWH		1,955.92			
Kentucky Economic Devel	opment Surcharge		.15			
Capacity Charge @ 0.000	7320 Per KWH		579.74			
Big Sandy 1 Operation Ric	ler @ 0.0014100 Per KW	Н	1,116.72			
Big Sandy 1 Operation Ric	ler @ \$1.1400000 Per KV	V	3,748.32			
Purchased Power Adj 0.98	49000%		685.12			
Big Sandy Retirement Ride			2,588.26			
Environmental Adj 13.1119	9000%		6,245.42			
, School Tax			2,372.43			
Current Electric Cha	arges Due	\$	81,453.40			

### Total Amount Due

\$81,453.40

#### Due May 17, Add \$4,072.67 After This Date

Meter Reading Detail Meter Service Period Number То Previous Code Current Code From LT1204A035 03/31 04/30 23277 Actual Actual 23764 Multiplier 1.000.0000 Metered Usage 487,000 KWH LT1201A004 03/31 04/30 15198 Actual 15503 Actual Multiplier 1,000.0000 Metered Usage 305,000 KWH LT1204A035 03/31 04/30 0.000 Actual 0.832 Actual Metered Usage 832.000 KW Off-Pk Multiplier 1,000.0000 0.000 LT1204A035 03/31 04/30 Actual 1.208 Actual Multiplier 1,000.0000 Metered Usage 1,208.000 KW On-Pk 04/30 LT1201A004 03/31 0.000 Actual 0.516 Actual Multiplier 1,000.0000 Metered Usage 516.000 KW Off-Pk 04/30 LT1201A004 03/31 0.000 Actual 1.648 Actual Multiplier 1,000.0000 Metered Usage 1,648.000 KW On-Pk LT1204A035 03/31 04/30 0.000 Actual 1.964 Actual Metered Usage 1,964.000 KVAR 1,000.0000 Multiplier

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

5035-1

#### Service Address:

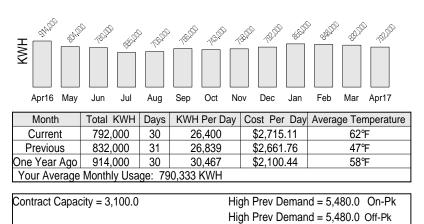
RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Rate Tariff: Industrial	Page 2 of 2	
Account Number	Due Date	
	\$81,453.40	May 17, 2017
Meter Number	Cycle-Route	Bill Date
Lt1201a004	31-97	May 1, 2017

Meter	Service Period		Meter Reading Detail			
Number	From To		Previous	Code	Current	Code
LT1201A004	03/31	04/30	0.000	Actual	0.000	Actual
Multiplier 1,000.0000 Metered Usage 0.000 KVAR						
Next scheduled read date should be between May 30 and Jun 2						

13 Month Usage History T

Total KWH for Past 12 Months is 9,484,000





Amount Enclosed



A unit of American Electric Power

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

2393-1 030002393 01 AV 0.37

#### 

\$83,783.82

**Total Amount Due** 

## 00837838200879730101000000000348736861901062106031900009

Account Number

CY 31 8378382

Please tear on dotted line

Service Address: RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Questions About Bill or Service, Call: 1-888-710-4237 Pay By Phone: 1-800-611-0964

### **KPCO** Messages

#### To avoid unnecessary delays in crediting your electric payment, please **do not paper clip or staple your check to the bill payment stub.**

\*If you pay your electric bill in person, remember to pay only at **AUTHORIZED** pay stations. These locations send notice of your payment immediately to **Kentucky Power** which could prevent service disconnection. Pay stations may charge a fee for this service. Keep your receipt as proof of payment. For a list of authorized pay stations or other payment options, visit our website at **www.kentuckypower.com** or call the number above.\*\*

Make this the last bill sent in the mail. Gain more security and trust and Go Paperless to get an email notification when your bill is ready. Today is the Day! AEPPaperless.com.

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Return top portion with your payment

\$

Due Jun 19, Add \$4,189.19 After This Date

Rate Tariff: Industrial Gnl S		Page 1 of 2	
Account Number	Total Amount Due	Due	Date
	\$83,783.82	Jun 1	9, 2017
Meter Number	Cycle-Route	Bill	Date
Lt1201a004	31-97	Jun 1	, 2017
Previous Charges:			
Total Amount Due At Last	Billing	\$	81,453.40
Payment 05/17/17 - Thank	You		-81,453.40
Previous Balance D	ue	\$	.00
<b>Current KPCO Charges:</b>			
Tariff 360 - Industrial Gnl	Service 05/31/17		
Rate Billing		\$	63,400.84
Fuel Adj @ 0.0020805 Per	· KWH		1,647.76
Kentucky Economic Devel	opment Surcharge		.15
Capacity Charge @ 0.000	7320 Per KWH		579.74
Big Sandy 1 Operation Ric	ler @ 0.0014100 Per KWI	Н	1,116.72
Big Sandy 1 Operation Ric	ler @ \$1.1400000 Per KV	V	4,149.60
Purchased Power Adj 0.59	15000%		419.34
Big Sandy Retirement Ride		2,664.55	
Environmental Adj 15.019		7,364.81	
School Tax		2,440.31	
Current Electric Cha	arges Due	\$	83,783.82

### Total Amount Due

\$83,783.82

### Due Jun 19, Add \$4,189.19 After This Date

Meter Service Period			I	Meter Read	ding Detail	
Number	From	То	Previous	Code	Current	Code
LT1204A035	04/30	05/31	23764	Actual	24235	Actual
Multiplier 1	,000.0000		Mete	red Usage	471,000 KW	Ή
LT1201A004	04/30	05/31	15503	Actual	15824	Actual
Multiplier 1,000.0000			Metered Usage 321,000 KWH			Ή
LT1204A035	04/30	05/31	0.000	Actual	1.760	Actual
Multiplier 1,000.0000			Metered Usage 1,760.000 KW Off-Pk			
LT1204A035	04/30	05/31	0.000	Actual	2.352	Actual
Multiplier 1	,000.0000		Metered Usage 2,352.000 KW On-Pk			
LT1201A004	04/30	05/31	0.000	Actual	0.444	Actual
Multiplier 1	,000.0000		Metered Usage 444.000 KW Off-Pk			ff-Pk
LT1201A004	04/30	05/31	0.000	Actual	1.288	Actual
Multiplier 1,000.0000			Metered Usage 1,288.000 KW On-Pk			
LT1204A035	04/30	05/31	0.000	Actual	1.956	Actual
Multiplier 1,000.0000			Metered Usage 1,956.000 KVAR			

Send Inquiries To: PO BOX 24401

CANTON, OH 44701-4401
R-03-LT1201A004

2393-1

#### Service Address:

**RIVERSIDE GENERATING COMPANY** LLC **HIGHWAY 23** CATLETTSBURG, KY 41129-9802

Rate Tariff: Industrial	Page 2 of 2	
Account Number	Total Amount Due	Due Date
	\$83,783.82	Jun 19, 2017
Meter Number	Cycle-Route	Bill Date
Lt1201a004	31-97	Jun 1, 2017

Meter	Service Period		Meter Reading Detail			
Number	From To		Previous	Code	Current	Code
LT1201A004	04/30	05/31	0.000	Actual	0.000	Actual
Multiplier 1,000.0000 Metered Usage 0.000 KVAR						
Next scheduled read date should be between Jun 29 and Jul 5						

13 Month Usage History

Total KWH for Past 12 Months is 9,362,000

HMY May16 Jun	Jul Aug	TERT		HIT HIT HE	Mar Apr May17
Month	Total KWH	Days	KWH Per Day	Cost Per Day	Average Temperature
Current	792,000	31	25,548	\$2,702.70	64°F
Previous	792,000	30	26,400	\$2,715.11	62°F
One Year Ago	804,000	31	25,935	\$2,349.55	63°F
Your Average	Monthly Usa	ge: 78	0,167 KWH		
Contract Capac	city = 3,100.0		F	ligh Prev Demai	nd = 5,480.0 On-Pk
			F	ligh Prev Demai	nd = 5,480.0 Off-Pk



Item 1 Page 14 of 33 Witness: Anthony Hammond



A unit of American Electric Powe

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

3915-1 030003915 01 AV 0.37

լենումինելըվիլիկոնդելեկինորինեսիրեկիրին RIVERSIDE GENERATING COMPANY LLC **RIVERSIDE/FOOTHILLS GENERATING CO** 25038 HIGHWAY 23 CATLETTSBURG, KY 41129-8635

#### Make Check Payable and Send To: KENTUCKY POWER COMPANY PO BOX 24410 CANTON OH 44701-4410 յինիներերերերերություններուներերերերերերերեր

### 01041799801093889801000000000348736861905072307031900008

Rate Tariff: Industrial Gnl Service-360

Account Number

CY 31

10417998

Please tear on dotted line

Service Address: RIVERSIDE GENERATING COMPANY II C **HIGHWAY 23** CATLETTSBURG, KY 41129-9802

Questions About Bill or Service, Call: 1-888-710-4237 Pay By Phone: 1-800-611-0964

#### **KPCO** Messages

Make this the last bill sent in the mail. Gain more security and trust and Go Paperless to get an email notification when your bill is ready. Today is the Day! AEPPaperless.com.

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**Total Amount Due** Account Number Due Date Jul 21, 2017 \$104,179.98 Meter Number Cycle-Route **Bill Date** Lt1201a004 31-97 Jul 5, 2017 Previous Charges: Total Amount Due At Last Billing \$ 83,783.82 Payment 06/20/17 - Thank You -83,783.82 **Previous Balance Due** \$ .00 **Current KPCO Charges:** Tariff 360 - Industrial Gnl Service 06/30/17 Rate Billing \$ 77,298.92 Fuel Adj @ 0.0025233 Per KWH 1,985.84 Kentucky Economic Development Surcharge .15 Capacity Charge @ 0.0007320 Per KWH 576.08 Big Sandy 1 Operation Rider @ 0.0014100 Per KWH 1,109.67 Big Sandy 1 Operation Rider @ \$1.1400000 Per KW 5,914.32 Purchased Power Adj 0.4230000% 367.52 Big Sandy Retirement Rider 5.4339000% 3,534.95 Environmental Adj 15.9225000% 10,358.16 School Tax 3,034.37 **Current Electric Charges Due** 104,179.98 \$

### **Total Amount Due**

\$104,179.98

Page 1 of 2

#### Due Jul 21, Add \$5,209.00 After This Date

Meter	Service I	Period	I	Meter Read	ding Detail	
Number	From	То	Previous	Code	Current	Code
LT1204A035	05/31	06/30	24235	Actual	24702	Actual
Multiplier 1	,000.0000		Mete	red Usage	467,000 KW	/H
LT1201A004	05/31	06/30	15824	Actual	16144	Actual
Multiplier 1	Multiplier 1,000.0000			Metered Usage 320,000 KWH		
LT1204A035	05/31	06/30	0.000	Actual	0.772	Actual
Multiplier 1	,000.0000		Metered Usage 772.000 KW Off-Pk			
LT1204A035	05/31	06/30	0.000	Actual	2.632	Actual
Multiplier 1	,000.0000		Metered Usage 2,632.000 KW On-Pk			
LT1201A004	05/31	06/30	0.000	Actual	0.520	Actual
Multiplier 1	,000.0000		Metered Usage 520.000 KW Off-Pk			ff-Pk
LT1201A004	05/31	06/30	0.000	Actual	2.556	Actual
Multiplier 1	,000.0000		Metered Usage 2,556.000 KW On-Pk			Dn-Pk
LT1204A035	05/31	06/30	0.000	Actual	1.772	Actual
Multiplier 1	,000.0000		Meter	ed Usage	1,772.000 KV	/AR

Return top portion with your payment

\$104,179.98 \$ Amount Enclosed

**Total Amount Due** 

Due Jul 21, Add \$5,209.00 After This Date

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

3915-1

#### Service Address:

RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Account Number	Total Amount Due	Due Date
	\$104,179.98	Jul 21, 2017
Meter Number	Cycle-Route	Bill Date
Lt1201a004	31-97	Jul 5, 2017

Meter	Service I	Period	Meter Reading Detail			
Number	From To		Previous	Code	Current	Code
LT1201A004	05/31	06/30	0.000	Actual	0.000	Actual
Multiplier 1	1,000.0000 Metered Usage 0.000 KVAR					
Next scheduled read date should be between Jul 28 and Aug 2						

#### 13 Month Usage History

Rate Tariff: Industrial Gnl Service-360

Total KWH for Past 12 Months is	9,350,000
	0,000,000

HMY Jun16 Jul	Aug Sep	D THEN		FRANCE S		Mar	Apr	ABLE ABLE
Month	Total KWH	Days	KWH P	Per Day	Cost Pe	r Dav	Avera	ge Temperature
Current	787,000	30	26,2		\$3,472	,		71°F
Previous	792,000	31	25,	548	\$2,702	2.70		64°F
One Year Ago	780,000	30	26,0	000	\$2,353	3.25		73°F
Your Average	Your Average Monthly Usage: 779,167 KWH							
Contract Capacity = 3,100.0 High Prev Demand = 5,480.0 On-Pk								
				Hig	h Prev D	eman	d = 5,4	180.0 Off-Pk



Item 1 Page 16 of 33 Witness: Anthony Hammond

Amount Enclosed

\$

Due Aug 17, Add \$4,541.85 After This Date



A unit of American Electric Power

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

2518-1 030002518 01 AV 0.37

P

#### 

\$200,225.89

**Total Amount Due** 

### 02002258902047677401000000000348736861901081908031900001

Account Number

CY 31

9083691

Please tear on dotted line

Service Address: RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Questions About Bill or Service, Call: 1-888-710-4237 Pay By Phone: 1-800-611-0964

#### **KPCO Messages**

DEPOSIT WARNING: <u>An additional deposit</u> <u>may be billed to your account</u>, if all of the above amounts are not paid by the date specified on this statement. <u>Any future late</u> <u>payments may result in this additional</u> <u>charge</u>. This deposit would be billed in three installments.

Register for online services at www.KentuckyPower.com. Registration is free and easy and gives you the convenience of 24-hour access to your account. You can sign up for paperless billing, view your bill, check your usage, update your contact information, and much more.

Make your life easier. You can write one check for multiple electric accounts!

Make this the last bill sent in the mail. Gain more security and trust and Go Paperless to get an email notification when your bill is ready. Today is the Day! AEPPaperless.com.

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Return top portion with your payment

Rate Tariff: Industrial Gnl	Page 1 of 2	
Account Number	Due Date	
	\$200,225.89	Aug 17, 2017
Meter Number	Cycle-Route	Bill Date
Lt1201a004	31-97	Aug 1, 2017
Previous Charges:	\$ 104 179 98	

Total Amount Due At Last Billing	\$ 104,179.98
Late Payment Charge	 5,209.00
Previous Balance Due	\$ 109,388.98
Current KPCO Charges:	
Tariff 360 - Industrial Gnl Service 07/31/17	
Rate Billing	\$ 70,164.48
Fuel Adj @ 0.0035913- Per KWH	-2,815.58
Kentucky Economic Development Surcharge	.15
Capacity Charge @ 0.0007320 Per KWH	573.89
Big Sandy 1 Operation Rider @ 0.0014100 Per KWH	1,105.44
Big Sandy 1 Operation Rider @ \$1.1400000 Per KW	5,075.28
Purchased Power Adj 0.2675000%	198.23
Big Sandy Retirement Rider 5.4339000%	3,083.94
Environmental Adj 19.0390000%	10,805.34
School Tax	2,645.74
Current Electric Charges Due	\$ 90,836.91

### Total Amount Due

#### \$200,225.89

#### Due Aug 17, Add \$4,541.85 After This Date

Meter	Service F	Period		Meter Reading Detail			
Number	From	То	Previous	Code	Current	Code	
LT1204A035	06/30	07/31	24702	Actual	25165	Actual	
Multiplier 1	,000.0000		Mete	red Usage	463,000 KW	Ή	
LT1201A004	06/30	07/31	16144	Actual	16465	Actual	
Multiplier 1	ultiplier 1,000.0000			Metered Usage 321,000 KWH			
LT1204A035	06/30	07/31	0.000	Actual	0.832	Actual	
Multiplier 1	,000.0000		Metereo	Metered Usage 832.000 KW Off-Pk			
LT1204A035	06/30	07/31	0.000	Actual	2.796	Actual	
Multiplier 1	,000.0000		Metered Usage 2,796.000 KW On-Pk				
LT1201A004	06/30	07/31	0.000	Actual	0.588	Actual	
Multiplier 1	,000.0000		Metered Usage 588.000 KW Off-Pk			ff-Pk	
LT1201A004	06/30	07/31	0.000	Actual	1.656	Actual	
Multiplier 1	,000.0000		Metered Usage 1,656.000 KW On-Pk			Dn-Pk	
LT1204A035	06/30	07/31	0.000	Actual	1.772	Actual	
Multiplier 1	,000.0000		Meter	ed Usage	1,772.000 KV	'AR	

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

2518-1

#### Service Address:

RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Rate Tariff: Industrial GnI Service-360				
Total Amount Due	Due Date			
\$200,225.89	Aug 17, 2017			
Cycle-Route	Bill Date			
31-97	Aug 1, 2017			
	Total Amount Due \$200,225.89 Cycle-Route			

Meter	Service I	Period	Meter Reading Detail			
Number	From	То	Previous	Code	Current	Code
LT1201A004	06/30 07/31		0.000	Actual	0.000	Actual
Multiplier 1,000.0000 Metered Usage 0.000 KVAR						
Next scheduled read date should be between Aug 30 and Sep 5						

#### 13 Month Usage History

Total KWH for Past 12 Months is	9,357,000
---------------------------------	-----------

HMY Jul16 Aug	Sep Oct	Nov	HILL CONTRACTOR	پل م Fe		TRUE Apr	TRAN TRAN May	BIR PART
Month	Total KWH	Days	KWH Per	Day	Cost Pe	r Day	Avera	ge Temperature
Current	784,000	31	25,290	)	\$2,930	).22		75°F
Previous	787,000	30	26,233	3	\$3,472	2.67		71°F
One Year Ago	685,000	31	22,097	7	\$2,159	9.46		76°F
Your Average	Monthly Usa	ge: 77	9,750 KWI	1				
Contract Capacity = 3,100.0 High Prev Demand = 5,480.0 On-Pk								
				Hi	gh Prev D	)eman	d = 5,4	180.0 Off-Pk



Item 1
Page 18 of 33
Witness: Anthony Hammond

Amount Enclosed

\$

Return top portion with your payment

Page 1 of 2

\$89,942.24

Due Sep 21, Add \$4,497.11 After This Date

AEP		NT NE	KY	

A unit of American Electric Power

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

5434-1 030005434 01 AB 0.40

#### 

\$89,942.24

**Total Amount Due** 

### 00899422400944393501000000000348736861905092309031900002

Rate Tariff: Industrial Gnl Service-360

Account Number

CY 31

8994224

Please tear on dotted line

Service Address: RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Questions About Bill or Service, Call: 1-888-710-4237 Pay By Phone: 1-800-611-0964

#### **KPCO Messages**

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Account Number **Total Amount Due Due Date** Sep 21, 2017 \$89,942.24 Meter Number Cycle-Route **Bill Date** Lt1201a004 31-97 Sep 5, 2017 Previous Charges: Total Amount Due At Last Billing \$ 200,225.89 Payment 08/03/17 - Thank You -109,388.98 Payment 08/17/17 - Thank You -90,836.91 Previous Balance Due \$ .00 **Current KPCO Charges:** Tariff 360 - Industrial Gnl Service 08/31/17 Rate Billing \$ 71,251.36 Fuel Adj @ 0.0002508 Per KWH 204.65 Kentucky Economic Development Surcharge .15 Capacity Charge @ 0.0007490 Per KWH 611.18 Big Sandy 1 Operation Rider @ 0.0001900 Per KWH 155.04 Big Sandy 1 Operation Rider @ \$0.9600000 Per KW 4,197.12 Purchased Power Adj 0.0967000% 73.90 Big Sandy Retirement Rider 5.4339000% 2.979.31 Environmental Adj 14.3172000% 7,849.85 School Tax 2,619.68 89,942.24 **Current Electric Charges Due** \$

#### Total Amount Due Due Sep 21, Add \$4,497.11 After This Date

Meter Service Period Meter Reading Detail Number From То Previous Code Current Code LT1204A035 07/31 08/31 25165 Actual 25640 Actual Multiplier 1,000.0000 Metered Usage 475,000 KWH LT1201A004 08/31 16465 07/31 Actual 16806 Actual 1.000.0000 Metered Usage 341.000 KWH Multiplier LT1204A035 07/31 08/31 0.000 Actual 0.736 Actual 1,000.0000 Metered Usage 736.000 KW Off-Pk Multiplier LT1204A035 07/31 08/31 0.000 Actual 3.704 Actual Multiplier 1,000.0000 Metered Usage 3,704.000 KW On-Pk 08/31 LT1201A004 07/31 0.000 Actual 1.540 Actual 1,000.0000 Metered Usage 1,540.000 KW Off-Pk Multiplier LT1201A004 07/31 08/31 0.000 Actual 0.668 Actual 1,000.0000 Metered Usage 668.000 KW On-Pk Multiplier

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

0404-1
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#### Service Address:

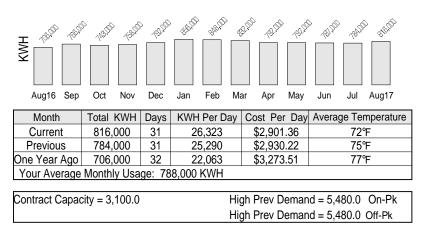
RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Amount Due	Due Date
	Due Dale
89,942.24	Sep 21, 2017
cle-Route	Bill Date
31-97	Sep 5, 2017
	89,942.24 <b>cle-Route</b> 31-97

Meter	Service F	Period		Meter Read	ling Detail	
Number	From	То	Previous	Code	Current	Code
LT1204A035	07/31	08/31	0.000	Actual	1.768	Actual
Multiplier 1	,000.0000		Meter	ed Usage	1,768.000 KV	'AR
LT1201A004	07/31	08/31	0.000	Actual	0.000	Actual
Multiplier 1	,000.0000		Metered Usage 0.000 KVAR			
Next scheduled read	date shou	ld be be	tween Sep 29	and Oct 4		

#### 13 Month Usage History

Total KWH for Past 12 Months is 9,456,000





Item 1
Page 20 of 33
Witness: Anthony Hammond

A unit of American Electric Power	CY 31	<b>\$97,774.61</b> Total Amount Due	Amount Enclosed
Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004	9777461	Due Oct 18, Add \$4,88	8.73 After This Date
5485-1 030005485 01 SP 0.46			
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	NY LLC P ING CO C	ake Check Payable and Send To: ENTUCKY POWER COMPANY O BOX 24410 ANTON OH 44701-4410   ],   ,  ,    ,   ,  ,	վորիդիրիլի

#### Return top portion with your payment 36 Please tear on dotted line Page 1 of 2 Rate Tariff: Industrial Gnl Service-360 Service Address: **Total Amount Due Account Number Due Date RIVERSIDE GENERATING COMPANY** \$97,774.61 Oct 18, 2017 LLC Meter Number Cycle-Route **Bill Date HIGHWAY 23** Oct 2, 2017 Lt1201a004 31-97 CATLETTSBURG, KY 41129-9802 **Previous Charges:** Total Amount Due At Last Billing \$ 89,942,24 Questions About Bill or Service, Call: -89,942.24 Payment 09/22/17 - Thank You 1-888-710-4237 .00 **Previous Balance Due** Pay By Phone: 1-800-611-0964 Current KPCO Charges: Tariff 360 - Industrial Gnl Service 09/30/17 **KPCO Messages** \$ Rate Billing 75,900.96 Fuel Adj @ 0.0029429 Per KWH 2,195.40 Make this the last bill sent in the mail. Gain Kentucky Economic Development Surcharge .15 more security and trust and Go Paperless to get an email notification when your bill is Capacity Charge @ 0.0007490 Per KWH 558.75 ready. Today is the Day! AEPPaperless.com. Big Sandy 1 Operation Rider @ 0.0001900 Per KWH 141.74 Big Sandy 1 Operation Rider @ \$0.9600000 Per KW 4,711.68 Purchased Power Adj 0.0928000% 77.50 Big Sandy Retirement Rider 5.4339000% 3,294.11 Environmental Adj 13.2734000% 8,046.52 School Tax 2,847.80 97,774.61 **Current Electric Charges Due** \$ \$97,774.61 **Total Amount Due** Due Oct 18, Add \$4,888.73 After This Date Meter Reading Detail Meter Service Period Number Previous Code Current Code From To LT1204A035 08/31 09/30 25640 Actual 26074 Actual Metered Usage 434,000 KWH Multiplier 1,000.0000 09/30 LT1201A004 08/31 16806 Actual 17118 Actual 1,000.0000 Metered Usage 312,000 KWH Multiplier 2.892 LT1204A035 08/31 09/30 0.000 Actual Actual 1,000.0000 Metered Usage 2,892.000 KW On-Pk Multiplier LT1204A035 08/31 09/30 0.000 Actual 1.520 Actual 1,000.0000 Metered Usage 1,520.000 KW Off-Pk Multiplier Visit us at www.KentuckyPower.com LT1201A004 08/31 09/30 Actual 2.016 Actual 0.000

1.000.0000

1,000.0000

1,000.0000

08/31

08/31

09/30

09/30

0.000

Multiplier LT1201A004

Multiplier

Multiplier

LT1204A035

Metered Usage 2,016.000 KW On-Pk

Metered Usage 2,256.000 KW Off-Pk

Metered Usage 1,788.000 KVAR

2.256

1.788

Actual

Actual

Actual

0.000 Actual

Rates available on request See other side for Important Information



Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

5485-1

Service Address: RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Rate Tariff: Industria	Gnl Service-360	Page 2 of 2
Account Number	Total Amount Due	Due Date
	\$97,774.61	Oct 18, 2017
Meter Number	Cycle-Route	Bill Date
Lt1201a004	31-97	Oct 2, 2017

Meter	Service Period Meter Reading Detail							
Number	From	То	Previous	Code	Current	Code		
LT1201A004	08/31	09/30	0.000	Actual	0.000	Actual		
Multiplier 1	,000.0000		Metered Usage 0.000 KVAR					
Next scheduled read	date shou	ld be be	tween Oct 30	) and Nov 2	2			

13 Month Usage History

#### Total KWH for Past 12 Months is 9,566,000

KWH		A TRUE	Barrie Constraints	BB		F	A THE T	BIN BIN	A Reference	<b>BIRD</b>	THEND
Sep16 Oct	Nov	Dec	Jan	Feb	Mar	Apr	Мау	Jun	Jui	Aug	Sep17
Month	Total	KWH	Days	KWF	l Per D	ay C	Cost Pe	r Day	Avera	ge Ter	nperature
Current	746,	,000	30	2	4,867		\$3,259	9.15		67°	F
Previous	816,	,000	31	2	6,323		\$2,90	1.36		72°	F
One Year Ago	766,	,000	29	2	6,414		\$2,62	4.65		72°	F
Your Average	Month	ly Usa	ge: 79	7,167	KWH						
			-								
Contract Capad	city = 3	,100.0				High	Prev D	Deman	d = 5,4	480.0	On-Pk
						Hiah	Prev D	Deman	d = 5,4	180.0	Off-Pk

BATCH DATE BATCH #:  $\chi_{0}$ DOC REF #: ACCT #: D

APPRC	VED FOR	PAYMENT
D	SIN	
( DA	$Z_{i}$	
RIVE	CRSIDE - PLANT	MANAGER



	Witn
\$82,069.33	\$

**Total Amount Due** 

Return top portion with your payment

Due Nov 17, Add \$4,103.47 After This Date

Item 1 Page 22 of 33 ess: Anthony Hammond

Amount Enclosed

KENTUCKY **OWER** A unit of American Electric Power

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 R-03-LT1201A004

4654-1 030004654 01 AV 0.37

Ասվովորկինիկովինդնիլիլնվինորկինինինինիութվ **RIVERSIDE GENERATING COMPANY LLC RIVERSIDE/FOOTHILLS GENERATING CO** 25038 HIGHWAY 23 CATLETTSBURG, KY 41129-8635

#### Make Check Payable and Send To: **KENTUCKY POWER COMPANY** PO BOX 24410 CANTON OH 44701-4410 յինիներերերերերություններուներերերերերերերեր

### 00820693300861728001000000000348736861901111911031900007

Rate Tariff: Industrial Gnl Service-360

Please tear on dotted line

Service Address: **RIVERSIDE GENERATING COMPANY** LLC **HIGHWAY 23** CATLETTSBURG, KY 41129-9802

Questions About Bill or Service, Call: 1-888-710-4237 Pay By Phone: 1-800-611-0964

#### **KPCO Messages**

Register for online services at www.KentuckyPower.com. Registration is free and easy and gives you the convenience of 24-hour access to your account. You can sign up for paperless billing, view your bill, check your usage, update your contact information, and much more.

Make this the last bill sent in the mail. Gain more security and trust and Go Paperless to get an email notification when your bill is ready. Today is the Day! AEPPaperless.com.

Visit us at www.KentuckyPower.com Rates available on request See other side for Important Information



Account Number **Total Amount Due Due Date** Nov 17, 2017 \$82,069.33 Meter Number **Bill Date** Cycle-Route 31-97 Lt1201a004 Nov 1, 2017 Previous Charges: Total Amount Due At Last Billing \$ 97,774.61 Payment 10/13/17 - Thank You -97,774.61 **Previous Balance Due** \$ .00 Current KPCO Charges:

Tariff 360 - Industrial GnI Service 10/31/17	
Rate Billing	\$ 65,527.90
Fuel Adj @ 0.0000202- Per KWH	-16.89
Kentucky Economic Development Surcharge	.15
Capacity Charge @ 0.0007490 Per KWH	626.16
Big Sandy 1 Operation Rider @ 0.0001900 Per KWH	158.84
Big Sandy 1 Operation Rider @ \$0.9600000 Per KW	3,576.96
Purchased Power Adj 0.1179000%	82.38
Big Sandy Retirement Rider 6.4263000%	3,012.31
Environmental Adj 14.3172000%	6,711.15
School Tax	2,390.37
Current Electric Charges Due	\$ 82,069.33

### **Total Amount Due**

\$82.069.33

Page 1 of 2

#### Due Nov 17, Add \$4,103.47 After This Date

Meter	Service F	Period	Meter Reading Detail			
Number	From	То	Previous	Code	Current	Code
LT1204A035	09/30	10/31	26074	Actual	26572	Actual
Multiplier 1	,000.0000		Mete	red Usage	498,000 KW	Ή
LT1201A004	09/30	10/31	17118	Actual	17456	Actual
Multiplier 1,000.0000			Mete	red Usage	338,000 KW	Ή
LT1204A035	09/30	10/31	0.000	Actual	1.376	Actual
Multiplier 1	Metered Usage 1,376.000 KW Off-Pk					
LT1204A035	09/30	10/31	0.000	Actual	2.246	Actual
Multiplier 1	,000.0000		Metered Usage 2,246.000 KW On-Pk			
LT1201A004	09/30	10/31	0.000	Actual	0.866	Actual
Multiplier 1	,000.0000		Metereo	d Usage 86	66.000 KW O	ff-Pk
LT1201A004	09/30	10/31	0.000	Actual	1.480	Actual
Multiplier 1,000.0000			Metered Usage 1,480.000 KW On-Pk			Dn-Pk
LT1204A035	09/30	10/31	0.000	Actual	1.772	Actual
Multiplier 1	,000.0000		Meter	ed Usage	1,772.000 KV	AR

CY 31

8206933

Account Number

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401 )04

R-03-	LT1	201	A0

4654-1

#### Service Address:

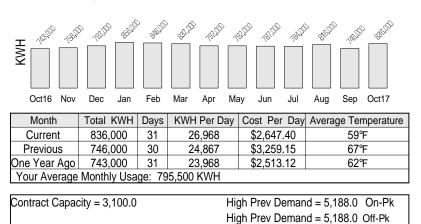
**RIVERSIDE GENERATING COMPANY** LLC **HIGHWAY 23** CATLETTSBURG, KY 41129-9802

Rate Tariff: Industrial	Page 2 of 2	
Account Number	Total Amount Due	Due Date
	\$82,069.33	Nov 17, 2017
Meter Number	Cycle-Route	Bill Date
Lt1201a004	31-97	Nov 1, 2017

Meter	Service F	Period	Meter Reading Detail			
Number	From	То	Previous	Code	Current	Code
LT1201A004	09/30 10/31		0.000	Actual	0.000	Actual
Multiplier 1,000.0000 Metered Usage 0.000 KVAR						۲
Next scheduled read date should be between Nov 29 and Dec 4						

**13 Month Usage History** 

Total KWH for Past 12 Months is 9,546,000







**Current bill summary:** 

Amount due on or before December 20, 2017 **\$128,565.77** 

> Bill mailing date is Dec 4, 2017 Account #

SERVICE ADDRESS: RIVERSIDE GENERATING COMPANY LLC, HIGHWAY 23, CATLETTSBURG, KY 41129-9802 4457

CY 31

Item 1 Page 24 of 33

Witness: Anthony Hammond

RIVERSIDE GENERATING COMPANY LLC 25038 HIGHWAY 23 # 23 CATLETTSBURG, KY 41129-8635

kWh

811,000

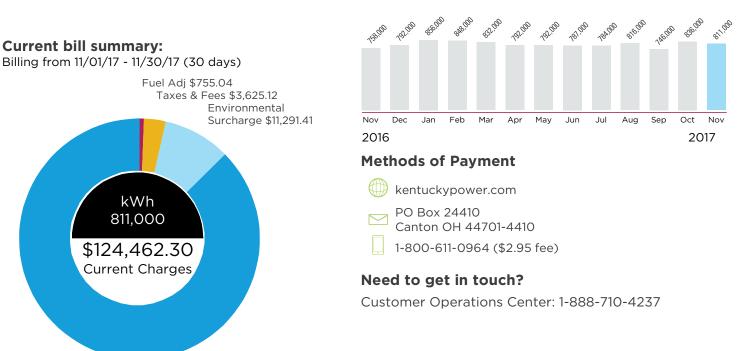
\$124,462.30

**Current Charges** 

### Notes from KPCO:

Thank you for being a paperless customer! Sign up for billing and outage alerts to stay informed. You can manage your account by logging in at kentuckypower.com.

### Usage History (kWh):



Turn over for important information!

Thank you for your prompt payment. Please include your account number on your check and return this stub with your payment. RIVERSIDE GENERATING COMPANY LLC. HIGHWAY 23. CATLETTSBURG. KY 41129-9802



**Electric Service** \$108,790.73

> Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401

Account #

Amount due on or before \$128,565.77 December 20, 2017

Payment Amount \$

Pay \$134,788.89 after 12/20/2017

12446230

Make check payable and send to: KENTUCKY POWER COMPANY PO BOX 24410 CANTON OH 44701-4410 յրեղեկերիկունիկերիուրերունիներիներիների

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### Service Address:

RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Account #

#### Line Item Charges:

Previous Charges	
Total Amount Due At Last Billing	\$ 82,069.33
Payment 11/21/17 - Thank You	-82,069.33
Late Payment Charge	4,103.47
Previous Balance Due	\$ 4,103.47
Current KPCO Charges	
Tariff 360 - Industrial Gnl Service 11/30/17	
Rate Billing	\$ 96,418.08
Fuel Adj @ 0.0009310 Per kWh	755.04
Kentucky Economic Development Surcharge	.15
Capacity Charge @ 0.0007490 Per kWh	607.44
Big Sandy 1 Operation Rider @ 0.0001900 Per kWh	154.09
Big Sandy 1 Operation Rider @ \$0.9600000 Per kW	6,259.20
Purchased Power Adj 0.1176000%	122.53
Big Sandy Retirement Rider 6.4263000%	5,229.24
Environmental Adj 13.8762000%	11,291.41
School Tax	3,625.12
Current Balance Due	\$ 124,462.30
<b>Total Balance Due</b> Pay \$134,788.89 after 12/20/2017	\$ 128,565.77

### **Usage Details:**

₩Values reflect changes between current month and previous month.



Total usage for the past 12 months: 9,639,000 kWh

Average (Avg.) monthly usage: 803,250 kWh

Contract Capacity = 3,100.0	High Prev Demand = 5,188.0 On-Pk
	High Prev Demand = 5,188.0 Off-Pk

Meter Read Details:

Meter #LT1204A035							
Previous	Туре	Current	Туре	Metered	Usage		
26572	Actual	27005	Actual	433	433,000 kWh		
-	-	3.852	Actual	3.852	3852 kW Off-Pk		
-	-	3.956	Actual	3.956	3956 kW On-Pk		
-	-	1.952	Actual	1.952	1952 kVAR		
Service Per	riod 10/31	- 11/30			Multiplier 1000		
Meter #L	F1201A00	)4					
Previous	Туре	Current	Туре	Metered	Usage		
17456	Actual	17834	Actual	378	378,000 kWh		
-	-	2.632	Actual	2.632	2632 kW Off-Pk		
-	-	2.564	Actual	2.564	2564 kW On-Pk		
-	-	0.000	Actual	0	0 kVAR		
Service Period 10/31 - 11/30				Multiplier 1000			

Next scheduled read date should be between Dec 29 and Jan 4.

#### Notes from KPCO:

Due date does not apply to previous balance due.

To avoid unnecessary delays in crediting your electric payment, please do not paper clip or staple your check to the bill payment stub.

\*If you pay your electric bill in person, remember to pay only at AUTHORIZED pay stations. These locations send notice of your payment immediately to Kentucky Power which could prevent service disconnection. Pay stations may charge a fee for this service. Keep your receipt as proof of payment. For a list of authorized pay stations or other payment options, visit our website at www.kentuckypower.com or call the number above.\*\*



Amount due on or before \$81,582.59 January 18, 2018

Bill mailing date is Jan 2, 2018

Account #



CY 31

Item 1 Page 26 of 33

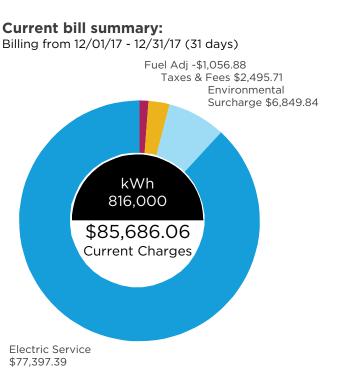
Witness: Anthony Hammond

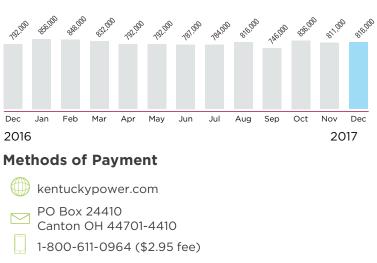
RIVERSIDE GENERATING COMPANY LLC 25038 HIGHWAY 23 # 23 CATLETTSBURG, KY 41129-8635

### Notes from KPCO:

Thank you for being a paperless customer! Sign up for billing and outage alerts to stay informed. You can manage your account by logging in at kentuckypower.com.

### Usage History (kWh):





### Need to get in touch?

Customer Operations Center: 1-888-710-4237

Turn over for important information! )

Thank you for your prompt payment. Please include your account number on your check and return this stub with your payment. RIVERSIDE GENERATING COMPANY LLC, HIGHWAY 23, CATLETTSBURG, KY 41129-9802



**Send Inquiries To:** PO BOX 24401 CANTON, OH 44701-4401 8568606 Account #

Amount due on or before **\$81,582.59** January 18, 2018

Payment Amount \$

Pay \$85,661.72 after 01/18/2018

00815825900856617201000000000348736861902012001031900008



### Service Address:

RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Account #

#### Line Item Charges:

Previous Charges	
Total Amount Due At Last Billing	\$ 128,565.77
Payment 12/21/17 - Thank You	-128,565.77
Late Payment Charge	-4,103.47
Previous Balance Due	\$ -4,103.47
Current KPCO Charges	
Tariff 360 - Industrial Gnl Service 12/31/17	
Rate Billing	\$ 69,406.68
Fuel Adj @ 0.0012952- Per kWh	-1,056.88
Kentucky Economic Development Surcharge	.15
Capacity Charge @ 0.0007490 Per kWh	611.18
Big Sandy 1 Operation Rider @ 0.0001900 Per kWh	155.04
Big Sandy 1 Operation Rider @ \$0.9600000 Per kW	3,755.52
Purchased Power Adj 0.2732000%	199.09
Big Sandy Retirement Rider 6.4263000%	3,269.73
Environmental Adj 13.4626000%	6,849.84
School Tax	2,495.71
Current Balance Due	\$ 85,686.06
<b>Total Balance Due</b> Pay \$85,661.72 after 01/18/2018	\$ 81,582.59

**Usage Details:** 

Dec '16 Nov '17 Dec '17

 +↓Values reflect changes between current month and previous month.

 Usage:
 Avg. Daily Cost:

 ↑ 5000 kWh
 ↓\$1,384.67

 ŋght gift gift gift
 ↓\$1,384.67

 \$1,0°F
 ↓\$10°F

 gift gift gift gift gift gift
 ↓\$10°F

Dec '16 Nov '17 Dec '17

Dec '16 Nov '17 Dec '17

Total usage for the past 12 months: 9,692,000 kWh Average (Avg.) monthly usage: 807,667 kWh

Page 27 of 33 ony Hammond Billed Usage 12/17 Usage Power Factor Meter Location Billed Usage Power Factor Constant Comp. 816,000 \_ 816,000 kWh \_ -3,812.000 \_ --3,812.000 kW On-Pk 3,948.000 \_ \_ \_ 3,948.000 kW Off-Pk Contract Capacity = 3,100.0 High Prev Demand = 6,520.0 On-Pk High Prev Demand = 6,520.0 Off-Pk

Item 1

### **Meter Read Details:**

Meter #LT1204A035							
Previous	Туре	Current	Туре	Metered	Usage		
27005	Actual	27510	Actual	505	505,000 kWh		
-	-	2.448	Actual	2.448	2448 kW Off-Pk		
-	-	2.020	Actual	2.02	2020 kW On-Pk		
-	-	1.808	Actual	1.808	1808 kVAR		
Service Per	riod 11/30	- 12/31			Multiplier 1000		
Meter #L	T1201A00	)4					
Previous	Туре	Current	Туре	Metered	Usage		
17834	Actual	18145	Actual	311	311,000 kWh		
-	-	1.500	Actual	1.5	1500 kW Off-Pk		
-	-	1.792	Actual	1.792	1792 kW On-Pk		
-	-	0.000	Actual	0	0 kVAR		
Service Period 11/30 - 12/31 Multiplier 1000							
Next sche	Next scheduled read date should be between Jan 30 and Feb 2 .						

#### Notes from KPCO:

Due date does not apply to previous balance due.



**Current bill summary:** 

Billing from 01/01/18 - 01/31/18 (31 days)

kWh

783,000

\$0.00

**Current Charges** 

Amount due on or before \$89,709.66 February 23, 2018

Bill mailing date is Feb 7, 2018

Account #

SERVICE ADDRESS: RIVERSIDE GENERATING COMPANY LLC, HIGHWAY 23, CATLETTSBURG, KY 41129-9802 6973 CY 31

Item 1 Page 28 of 33

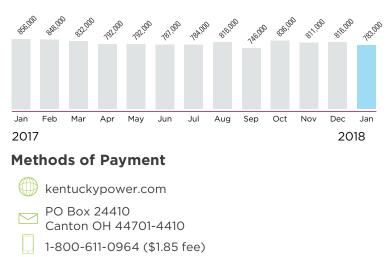
Witness: Anthony Hammond

RIVERSIDE GENERATING COMPANY LLC 25038 HIGHWAY 23 # 23 CATLETTSBURG, KY 41129-8635

### Notes from KPCO:

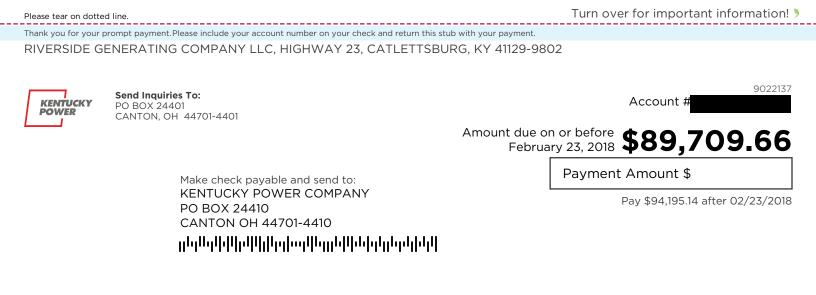
You have an adjustment for this billing period. Please see the detail page for more information.

### Usage History (kWh):



### Need to get in touch?

Customer Operations Center: 1-888-710-4237



00897096600941951401000000000348736861907022502031900005



#### **Service Address:**

RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Account #

#### Line Item Charges:

Previous Charges	
Total Amount Due At Last Billing	\$ 87,733.79
Adjustment	-88,245.50
Previous Balance Due	\$ -511.71
Current KPCO Charges	
Tariff 360 - Industrial Gnl Service 01/31/18	
Rate Billing	\$ 74,700.55
Fuel Adj @ 0.0029436- Per kWh	-2,304.84
Kentucky Economic Development Surcharge	.51
Capacity Charge @ 0.0007490 Per kWh	586.47
Big Sandy 1 Operation Rider	86.38
Big Sandy 1 Operation Rider	2,254.20
Purchased Power Adj	130.23
Decommissioning Rider 6.4263000%	3,638.91
Environmental Adj 15.0130000%	8,501.15
School Tax	2,627.81
Rebilled Charges	\$ 90,221.37
<b>Total Balance Due</b> Pay \$94,195.14 after 02/23/2018	\$ 89,709.66

#### **Usage Details:**

₩Values reflect changes between current month and previous month.



Total usage for the past 12 months: 9,716,000 kWh Average (Avg.) monthly usage: 809,667 kWh

				Page 29 of 33 Witness: Anthony Hammond						
Billed Usage 01/18										
Usage	Power Factor	Power Factor Constant	Meter Location Comp.	Billed Usage						
783,000	-	-	-	783,000 kWh						
4,044.000	-	-	-	4,044.000 kW On-Pk						
4,172.000	-	-	-	4,172.000 kW Off-Pk						
Contract Cap	emand = 6,520.0 On-Pk									
		emand = 6,520.0 Off-Pk								

### Meter Read Details:

Meter #LT1204A035					
Previous	Туре	Current	Туре	Metered	Usage
27510	Actual	27992	Actual	482	482,000 kWh
-	-	2.332	Actual	2.332	2332 kW Off-Pk
-	-	2.252	Actual	2.252	2252 kW On-Pk
-	-	1.868	Actual	1.868	1868 kVAR
Service Period 12/31 - 01/31			Multiplier 1000		
Meter #LT1201A004					
Previous	Туре	Current	Туре	Metered	Usage
18145	Actual	18446	Actual	301	301,000 kWh
-	-	1.840	Actual	1.84	1840 kW Off-Pk
-	-	1.792	Actual	1.792	1792 kW On-Pk
-	-	0.000	Actual	0	0 kVAR
Service Per	Service Period 12/31 - 01/31			Multiplier 1000	
Next scheduled read date should be between Feb 27 and Mar 2.					

#### Notes from KPCO:

Thank you for being a paperless customer! Sign up for billing and outage alerts to stay informed. You can manage your account by logging in at kentuckypower.com.

#### **Corrected Bill.**

Due date does not apply to previous balance due.

Register for online services at www.KentuckyPower.com. Registration is free and easy and gives you the convenience of 24-hour access to your account. You can sign up for paperless billing, view your bill, check your usage, update your contact information, and much more.

Make your life easier. You can write one check for multiple electric accounts!



Amount due on or before ue on or before **\$97,826.3**1 March 19, 2018

Bill mailing date is Mar 1, 2018

Item 1 Page 30 of 33

CY 31

Witness: Anthony Hammond

Account #

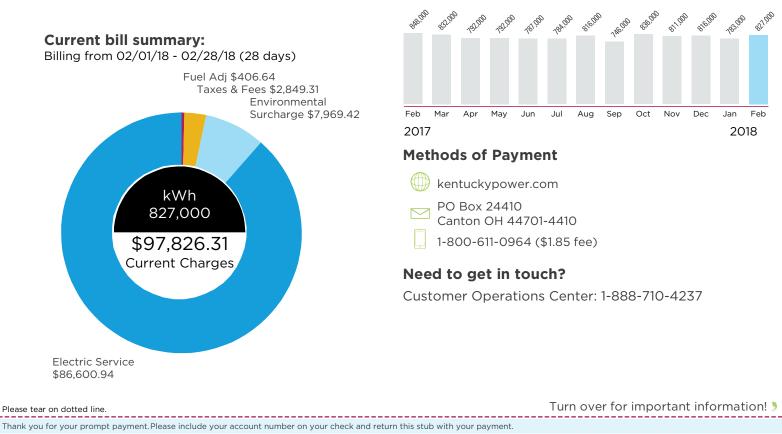
SERVICE ADDRESS: RIVERSIDE GENERATING COMPANY LLC, HIGHWAY 23, CATLETTSBURG, KY 41129-9802 3597

RIVERSIDE GENERATING COMPANY LLC 25038 HIGHWAY 23 # 23 CATLETTSBURG, KY 41129-8635

### Notes from KPCO:

Thank you for being a paperless customer! Sign up for billing and outage alerts to stay informed. You can manage your account by logging in at kentuckypower.com.

### Usage History (kWh):



RIVERSIDE GENERATING COMPANY LLC, HIGHWAY 23, CATLETTSBURG, KY 41129-9802



Please tear on dotted line.

\$86,600.94

Send Inquiries To: PO BOX 24401 CANTON, OH 44701-4401

9782631 Account #

Amount due on or before March 19, 2018 **\$97,826.31** 

Payment Amount \$

Pay \$102,717.63 after 03/19/2018

Make check payable and send to: KENTUCKY POWER COMPANY PO BOX 24410 CANTON OH 44701-4410 յրեղեկերիկունիկերիուրերունիներիներիների

00978263101027176301000000000348736861901032103031900002



#### Service Address:

RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Account #

#### Line Item Charges:

Previous Charges	
Total Amount Due At Last Billing	\$ 89,709.66
Payment 02/13/18 - Thank You	-87,733.79
Payment 02/21/18 - Thank You	-1,975.87
Previous Balance Due	\$ .00
Current KPCO Charges	
Tariff 360 - Industrial Gnl Service 02/28/18	
Rate Billing	\$ 82,062.42
Fuel Adj @ 0.0004917 Per kWh	406.64
Kentucky Economic Development Surcharge	1.00
Capacity Charge @ 0.0007490 Per kWh	619.42
Purchased Power Adj	40.55
Decommissioning Rider 6.4263000%	3,877.55
Environmental Adj 13.2078000%	7,969.42
School Tax	2,849.31
Current Balance Due	\$ 97,826.31
<b>Total Balance Due</b> Pay \$102,717.63 after 03/19/2018	\$ 97,826.31

#### **Usage Details:**

₩Values reflect changes between current month and previous month.



Total usage for the past 12 months: 9,643,000 kWh

Average (Avg.) monthly usage: 803,583 kWh

Contract Capacity = 3,100.0	High Prev Demand = 6,520.0 On-Pk
	High Prev Demand = 6,520.0 Off-Pk

Meter #LT1204A035						
Previous	Туре	Current	Туре	Metered	Usage	
27992	Actual	28514	Actual	522	522,000 kWh	
-	-	1.636	Actual	1.636	1636 kW Off-Pk	
-	-	2.104	Actual	2.104	2104 kW On-Pk	
-	-	1.808	Actual	1.808	1808 kVAR	
Service Period 01/31 - 02/28				Multiplier 1000		
Meter #LT1201A004						
Previous	Туре	Current	Туре	Metered	Usage	
18446	Actual	18751	Actual	305	305,000 kWh	
-	-	1.280	Actual	1.28	1280 kW Off-Pk	
-	-	1.604	Actual	1.604	1604 kW On-Pk	
-	-	0.000	Actual	0	0 kVAR	
Service Period 01/31 - 02/28			Multiplier 1000			
Next scheduled read date should be between Mar 29 and Apr 4 .						

#### Notes from KPCO:

Due date does not apply to previous balance due.

To avoid unnecessary delays in crediting your electric payment, please **do not paper clip or staple your check to the bill payment stub.** 

\*If you pay your electric bill in person, remember to pay only at **AUTHORIZED** pay stations. These locations send notice of your payment immediately to **Kentucky Power** which could prevent service disconnection. Pay stations may charge a fee for this service. Keep your receipt as proof of payment. For a list of authorized pay stations or other payment options, visit our website at **www.kentuckypower.com** or call the number above.\*\*

Item 1



**Current bill summary:** 

Amount due on or before \$98,172.46

Bill mailing date is Apr 2, 2018

Item 1 Page 32 of 33

CY 31

Witness: Anthony Hammond

Account #

SERVICE ADDRESS: RIVERSIDE GENERATING COMPANY LLC, HIGHWAY 23, CATLETTSBURG, KY 41129-9802 3717

Taxes & Fees \$2,859.39 Fuel Adj \$3,516.14 Environmental Surcharge \$4,725.95

RIVERSIDE GENERATING COMPANY LLC 25038 HIGHWAY 23 # 23 CATLETTSBURG, KY 41129-8635

Billing from 03/01/18 - 03/31/18 (31 days)

kWh

841,000

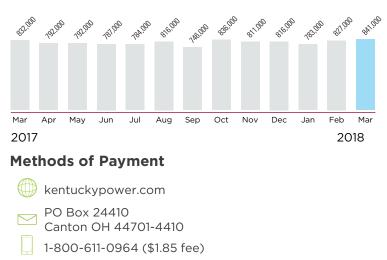
\$98,172.46

Current Charges

### Notes from KPCO:

Thank you for being a paperless customer! Sign up for billing and outage alerts to stay informed. You can manage your account by logging in at kentuckypower.com.

### Usage History (kWh):



### Need to get in touch?

Customer Operations Center: 1-888-710-4237

Please tear on dotted line.

Electric Service \$87,070.98

Turn over for important information! >

Thank you for your prompt payment. Please include your account number on your check and return this stub with your payment. RIVERSIDE GENERATING COMPANY LLC, HIGHWAY 23, CATLETTSBURG, KY 41129-9802

KENTUCKY POWER **Send Inquiries To:** PO BOX 24401 CANTON, OH 44701-4401



Payment Amount \$

Make check payable and send to: KENTUCKY POWER COMPANY PO BOX 24410 CANTON OH 44701-4410

\_\_\_\_\_

Pay \$103,081.08 after 04/18/2018

0098135460703087080700000000034853686740504637400008



### Service Address:

RIVERSIDE GENERATING COMPANY LLC HIGHWAY 23 CATLETTSBURG, KY 41129-9802

Account #

#### Line Item Charges:

Previous Charges	
Total Amount Due At Last Billing	\$ 97,826.31
Payment 03/14/18 - Thank You	-97,826.31
Previous Balance Due	\$ .00
Current KPCO Charges	
Tariff 360 - Industrial Gnl Service 03/31/18	
Rate Billing	\$ 82,501.20
Fuel Adj @ 0.0041809 Per kWh	3,516.14
Kentucky Economic Development Surcharge	1.00
Capacity Charge @ 0.0007490 Per kWh	629.91
Purchased Power Adj	23.01
Decommissioning Rider 6.4263000%	3,915.86
Environmental Adj 7.7557500%	4,725.95
School Tax	2,859.39
Current Balance Due	\$ 98,172.46
<b>Total Balance Due</b> Pay \$103,081.08 after 04/18/2018	\$ 98,172.46

### **Usage Details:**

₩Values reflect changes between current month and previous month.



#### Total usage for the past 12 months: 9,622,000 kWh

Average (Avg.) monthly usage: 801,833 kWh

Contract Capacity = 3,100.0	High Prev Demand = 6,520.0 On-Pk
	High Prev Demand = 6,520.0 Off-Pk

### **Meter Read Details:**

Meter #LT1204A035						
Previous	Туре	Current	Туре	Metered	Usage	
28514	Actual	29040	Actual	526	526,000 kWh	
-	-	1.546	Actual	1.546	1546 kW Off-Pk	
-	-	1.940	Actual	1.94	1940 kW On-Pk	
-	-	1.840	Actual	1.84	1840 kVAR	
Service Period 02/28 - 03/31				Multiplier 1000		
Meter #LT1201A004						
Previous	Туре	Current	Туре	Metered	Usage	
18751	Actual	19066	Actual	315	315,000 kWh	
-	-	1.152	Actual	1.152	1152 kW Off-Pk	
-	-	1.576	Actual	1.576	1576 kW On-Pk	
-	-	0.000	Actual	0	0 kVAR	
Service Period 02/28 - 03/31			Multiplier 1000			
Next scheduled read date should be between Apr 27 and May 2 .						

Item 1 Page 33 of 33

Witness: Anthony Hammond

#### Notes from KPCO:

**Stealing copper is illegal** and can have deadly consequences. **Reporting copper theft** could save a life, so if you have any information, **please call 1-866-747-5845.** 

Due date does not apply to previous balance due.

Item 2 Page 1 of 1 Witness: Anthony Hammond

### Riverside Generating Company, L.L.C. Case No. 2017-00472 Commission Staff's First Request for Information

2. Refer to the Hammond Testimony, page 3. Confirm that Riverside has always been served under Kentucky Power's Tariff N.U.G.

### **Response:**

Riverside believes it has always been served under Kentucky Power's Tariff N.U.G. but does not possess information or knowledge sufficient to definitively confirm that belief.

Item 3 Page 1 of 2 Witness: Anthony Hammond

### Riverside Generating Company, L.L.C. Case No. 2017-00472 Commission Staff's First Request for Information

3. Refer to the Hammond Testimony, page 4, lines 3-4. For each month of calendar year 2017, provide the amount of energy produced and the amount of energy consumed by the Zelda and Foothill generating stations.

### **Response:**

Please see Page 2 of this Response.

											Witness:		tem 3 2 of 2 mond
Zelda (035)	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	YTD 2017
Energy Usage (KWh) Monthly	537,144	561,052	512,720	494,060	489,040	475,112	470,404	466,628	479,440	438,412	501,622	440,808	5,866,442
Zelda 1 MWh	5,823	0	15,214	2,082	6,321	3,841	8,380	5,141	16,454	9,365	6,345	18,705	97,671
Zelda 2 MWh	5,227	0	12,669	717	1,304	3,096	8,006	5,471	14,339	7,342	5,168	15,407	78,746
Zelda 3 MWh	3,901	0	11,773	0	5,052	2,897	7,531	5,939	13,977	9,206	5,077	17,787	83,140

Foothills (004)	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	YTD 2017
Energy Usage (KWh) Monthly	259,984	301,088	338,080	344,000	307,164	322,732	323,076	323,244	343,208	316,272	340,346	383,196	3,902,390
Foothills 1 MWh	5,162	0	11,546	2,550	6,027	3,990	9,715	3,279	15,205	9,880	6,937	18,314	92,605
Foothills 2 MWh	1,245	0	6,374	1,942	4,643	3,594	9,739	5 <i>,</i> 836	14,814	8,996	7,245	18,416	82,844

Item 4 Page 1 of 1 Witness: Anthony Hammond

# Riverside Generating Company, L.L.C. Case No. 2017-00472 Commission Staff's First Request for Information

4. Refer to the Hammond Testimony, page 4, lines 6-10. State when Riverside determined that it wanted to self-supply its station power in accordance with the terms of the PJM Interconnection, LLC's Open Access Transmission Tariff ("PJM OATT").

# **Response:**

Riverside determined in or around March 2017 to confirm its ability to self-supply station power in accordance with PJM's OATT.

Item 5 Page 1 of 4 Witness: Anthony Hammond

# Riverside Generating Company, L.L.C. Case No. 2017-00472 Commission Staff's First Request for Information

5. Refer to the Hammond Testimony, page 4, lines 14-18. Provide a copy of Section 1.7.10 of the PJM OATT.

# **Response:**

Please see Page 2 through Page 4 of this Response.

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT ATTACHMENT K -- APPENDIX --> OATT ATTACHMENT K APPENDIX SECTION 1 - MARKET OPERATIONS --> OATT Attachment K Appendix Sec 1.7 General

this Schedule. PJMSettlement shall not be a contracting party with respect to such self-scheduled or self-supplied transactions.

# 1.7.9 Delivery to an External Market Buyer.

A purchase of Spot Market Energy by an External Market Buyer shall be delivered to a bus or buses at the electrical boundaries of the PJM Region specified by the Office of the Interconnection, or to load in such area that is not served by Network Transmission Service, using Point-to-Point Transmission Service paid for by the External Market Buyer. Further delivery of such energy shall be the responsibility of the External Market Buyer.

# 1.7.10 Other Transactions.

(a) Bilateral Transactions.

(i) In addition to transactions in the PJM Interchange Energy Market, Market Participants may enter into bilateral contracts for the purchase or sale of electric energy to or from each other or any other entity, subject to the obligations of Market Participants to make Generation Capacity Resources available for dispatch by the Office of the Interconnection. Such bilateral contracts shall be for the physical transfer of energy to or from a Market Participant and shall be reported to and coordinated with the Office of the Interconnection in accordance with this Schedule and pursuant to the LLC's rules relating to its InSchedule and ExSchedule tools.

(ii) For purposes of clarity, with respect to all bilateral contracts for the physical transfer of energy to a Market Participant inside the PJM Region, title to the energy that is the subject of the bilateral contract shall pass to the buyer at the source specified for the bilateral contract, and the further transmission of the energy or further sale of the energy into the PJM Interchange Energy Market shall be transacted by the buyer under the bilateral contract. With respect to all bilateral contracts for the physical transfer of energy to an entity outside the PJM Region, title to the energy shall pass to the buyer at the border of the PJM Region and shall be delivered to the border using transmission service. In no event shall the purchase and sale of energy between Market Participants under a bilateral contract constitute a transaction in the PJM Interchange Energy Market or be construed to define PJMSettlement as a contracting party to any bilateral transactions between Market Participants.

(iii) Market Participants that are parties to bilateral contracts for the purchase and sale and physical transfer of energy reported to and coordinated with the Office of the Interconnection under this Schedule shall use all reasonable efforts, consistent with Good Utility Practice, to limit the megawatt hours of such reported transactions to amounts reflecting the expected load and other physical delivery obligations of the buyer under the bilateral contract.

(iv) All payments and related charges for the energy associated with a bilateral contract shall be arranged between the parties to the bilateral contract and shall not be

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R -> OATT ATTACHMENT K - APPENDIX --> OATT ATTACHMENT K APPENDIX SECTION 1 - MARKET OPERATIONS --> OATT Attachment K Appendix Sec 1.7 General

billed or settled by the Office of the Interconnection or PJMSettlement. The LLC, PJMSettlement, and the Members will not assume financial responsibility for the failure of a party to perform obligations owed to the other party under a bilateral contract reported and coordinated with the Office of the Interconnection under this Schedule.

A buyer under a bilateral contract shall guarantee and indemnify the LLC, (v)PJMSettlement, and the Members for the costs of any Spot Market Backup used to meet the bilateral contract seller's obligation to deliver energy under the bilateral contract and for which payment is not made to PJMSettlement by the seller under the bilateral contract, as determined by the Office of the Interconnection. Upon any default in obligations to the LLC or PJMSettlement by a Market Participant, the Office of the Interconnection shall (i) not accept any new InSchedule or ExSchedule reporting by the Market Participant and (ii) terminate all of the Market Participant's InSchedules and ExSchedules associated with its bilateral contracts previously reported to the Office of the Interconnection for all days where delivery has not yet occurred. All claims regarding a buyer's default to a seller under a bilateral contract shall be resolved solely between the buyer and the seller. In such circumstances, the seller may instruct the Office of the Interconnection to terminate all of the InSchedules and ExSchedules associated with bilateral contracts between buyer and seller previously reported to the Office of the Interconnection. PJMSettlement shall assign its claims against a seller with respect to a seller's nonpayment for Spot Market Backup to a buyer to the extent that the buyer has made an indemnification payment to PJMSettlement with respect to the seller's nonpayment.

(vi) Bilateral contracts that do not contemplate the physical transfer of energy to or from a Market Participant are not subject to this Schedule, shall not be reported to and coordinated with the Office of the Interconnection, and shall not in any way constitute a transaction in the PJM Interchange Energy Market.

(b) Market Participants shall have Spot Market Backup with respect to all bilateral transactions that contemplate the physical transfer of energy to or from a Market Participant, that are not Dynamic Transfers pursuant to Section 1.12 and that are curtailed or interrupted for any reason (except for curtailments or interruptions through Load Management for load located within the PJM Region).

(c) To the extent the Office of the Interconnection dispatches a Generating Market Buyer's generation resources, such Generating Market Buyer may elect to net the output of such resources against its hourly Equivalent Load. Such a Generating Market Buyer shall be deemed a buyer from the PJM Interchange Energy Market to the extent of its PJM Interchange Imports, and shall be deemed a seller to the PJM Interchange Energy Market to the extent of its PJM Interchange Exports.

(d) A Market Seller may self-supply Station Power for its generation facility in accordance with the following provisions:

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT ATTACHMENT K -- APPENDIX --> OATT ATTACHMENT K APPENDIX SECTION 1 - MARKET OPERATIONS --> OATT Attachment K Appendix Sec 1.7 General

A Market Seller may self-supply Station Power for its generation facility (i) during any month (1) when the net output of such facility is positive, or (2) when the net output of such facility is negative and the Market Seller during the same month has available at other of its generation facilities positive net output in an amount at least sufficient to offset fully such negative net output. For purposes of this subsection (d), "net output" of a generation facility during any month means the facility's gross energy output, less the Station Power requirements of such facility, during that month. The determination of a generation facility's or a Market Seller's monthly net output under this subsection (d) will apply only to determine whether the Market Seller self-supplied Station Power during the month and will not affect the price of energy sold or consumed by the Market Seller at any bus during any hour during the month. For each hour when a Market Seller has positive net output and delivers energy into the Transmission System, it will be paid the LMP at its bus for that hour for all of the energy delivered. Conversely, for each hour when a Market Seller has negative net output and has received Station Power from the Transmission System, it will pay the LMP at its bus for that hour for all of the energy consumed.

Transmission Provider will determine the extent to which each affected (ii) Market Seller during the month self-supplied its Station Power requirements or obtained Station Power from third-party providers (including affiliates) and will incorporate that determination in its accounting and billing for the month. In the event that a Market Seller self-supplies Station Power during any month in the manner described in subsection (1) of subsection (d)(i) above, Market Seller will not use, and will not incur any charges for, transmission service. In the event, and to the extent, that a Market Seller self-supplies Station Power during any month in the manner described in subsection (2) of subsection (d)(i) above (hereafter referred to as "remote self-supply of Station Power"), Market Seller shall use and pay for transmission service for the transmission of energy in an amount equal to the facility's negative net output from Market Seller's generation facility(ies) having positive net output. Unless the Market Seller makes other arrangements with Transmission Provider in advance, such transmission service shall be provided under Part II of the PJM Tariff and shall be charged the hourly rate under Schedule 8 of the PJM Tariff for Non-Firm Point-to-Point Transmission Service with an election to pay congestion charges, provided, however, that no reservation shall be necessary for such transmission service and the terms and charges under Schedules 1, 1A, 2 through 6, 9 and 10 of the PJM Tariff shall not apply to such service. The amount of energy that a Market Seller transmits in conjunction with remote self-supply of Station Power will not be affected by any other sales, purchases, or transmission of capacity or energy by or for such Market Seller under any other provisions of the PJM Tariff.

(iii) A Market Seller may self-supply Station Power from its generation facilities located outside of the PJM Region during any month only if such generation facilities in fact run during such month and Market Seller separately has reserved transmission service and scheduled delivery of the energy from such resource in advance into the PJM Region.

#### 1.7.11 Emergencies.

Item 6 Page 1 of 27 Witness: Anthony Hammond

# Riverside Generating Company, L.L.C. Case No. 2017-00472 Commission Staff's First Request for Information

6. Refer to the Hammond Testimony, page 5, lines 11-17. Provide copies of any written or electronic correspondence between Riverside and Kentucky Power regarding the request by Riverside to self-supply its own power needs remotely.

# **Response:**

Please see Page 2 through Page 27 of this Response.

# Audra Cannon

From: Sent: To: Cc: Subject: George Scienski Thursday, March 9, 2017 10:07 AM klborders@aep.com sgreene@riversidegeneration.com FW: Station Power Netting

#### Ken:

Attached below per our discussion is the overview provided by PJM regarding station power netting and the contact information for the Riverside client representative.

Thanks for your help, and I look forward to a follow-up in the coming weeks.

# George

George S. Scienski LS Power Development, LLC One Tower Center, 21st Floor East Brunswick, NJ 08816 office phone (NJ): 732-867-5860 office phone (SCES): 254-896-4218 cell phone: **732-354-7641** fax: 732-249-7290 gscienski@lspower.com

From: Burnley, Helen M. [mailto:Helen.Burnley@pjm.com] Sent: Tuesday, January 24, 2017 2:59 PM To: George Scienski Subject: RE: Station Power Netting

Hi George:

Per my response back to you in case #34396":

The mechanics of PJM's Station Power settlements are documented in Manual 28, Section 13 as well as in the PJM Tariff, Attachment K – Appendix, Section 1.7.10. Station Power Settlements occur are on a one-month lag.

As part of PJM's station power settlements, PJM determines if a generator self-supplied its Station Power or obtained Station Power from third-party providers.

A generator may self-supply Station Power for its generation facility during any month (1) when the net output of such facility is positive, or (2) when the net output of such facility is negative and the generator during the same month has available at other of its generation facilities positive net output in an amount at least sufficient to offset fully negative net output.

PJM station power settlements is controlled by what is or is not submitted to PJM via the Power Meter tool.

Item 6 Page 3 of 27

Witness: Anthony Hammond If the generator has a wholesale station service arrangement, a negative MWh value should be reported in Power Meter when the unit is off-line and consuming energy.

If the generator has a superseding retail station service arrangement, a zero (0) MWh value should be reported in Power Meter when the unit is off-line and consuming energy. In this case, compensation for station power consumption is handled bilaterally between the EDCs and generation owners and PJM billing adjustments for station power are not applicable.

Regardless of which party actually controls the submission of values into Power Meter, it is both the EDC and Generation Owner's mutual responsibility to ensure values are submitted into Power Meter as accurately as possible by the established submission deadlines.

For example, the Generation Owner should not submit Station Power negatives into Power Meter during offline hours if they have a superseding retail agreement with the EDC or another third party.

Similarly, the EDC would want to make sure Station Power negatives are submitted into Power Meter if they have no retail Station Power agreement with the generator.

If a participant needs information on contacts at a given EDC regarding Station Power arrangements, you can give PJM permission to forward your contact information and inquiry to the given EDC's registered Power Meter users. For the PJM weekly and monthly bills, PJM market settlements are based on generator values as reported to Power Meter. Positive Generation reported in Power Meter would result in a credit (MWh \* LMP) on the PJM Bill. Negative Generation (i.e. consumption) reported in Power Meter would result in a charge (MWh \* LMP) on the PJM Bill.

After the given month's bill is issued, PJM evaluates if a generator (or group of generators) has net negative generation for the month.

The generators that have a net negative amount of MWs for the month will then be classified into two categories.

If a group of generators had net positive total generation for the calendar month but had one or more individual generators each had a total negative generation for the month, the negative generators had Remote Self-Supply. Remote self-supply indicates station power at a particular generator was supplied from another generator in its portfolio.

# Remote Self-Supply

For those generators which received Station Power through Remote Self-Supply, the PJM member needs to be charged non-firm point-to-point transmission service. This amount is based on the non-firm point-to-point transmission service rate multiplied by the negative MW amount.

If a generator or group of generators had net negative total generation for the month, those generators which had a negative net generation amount were served station power by retail supply/third party supply. Retail supply means the local EDC or other third party needed to serve the station power load of a generator and will therefore charge the generator owner the appropriate retail rates.

# Retail Supply (Third-Party Supply)

In situations of Retail Supply, the generator is charged the wholesale rate for station service (the LMP for the generator bus) during the original wholesale market settlements. However, since those generators actually received Station Power through Retail Supply, the generator actually received the needed power from the local EDC or third party at the retail rate. This amount will be charged to the generator owner by the EDC, and the original wholesale LMP charge needs to be 'backed-out' – not charged to the generator. Thus the generator owner gets a credit, and the EDC will receive a charge, both of which are to balance the original wholesale charge which was made earlier in the settlements process.

Generators can group together to form a single station service netting portfolio. A portfolio is defined by generators which share the same lowest level corporate entity ownership.

If a generator has defined itself as it is own LLC, it cannot net with other generators, even if they are "owned" in the PJM Market by a common member. For example, if unit A and unit B are "owned" in the PJM Energy Market settlements by Power Marketer X. If there is a Unit A LLC and a Unit B LLC, these two units cannot net relative to the Station Service netting evaluation.

Witness: Anthony Hammond Conversely, if two units are "owned" in the PJM Energy Market settlements by two different PJM Members but their lowest level corporate parent is the same company, then they can net relative to the station service netting evaluation. As long as the portfolio is net Generation to the Grid for the month, then there is no retail billing. However, if a Unit within the portfolio is net negative, then PJM charges 67 Cents per MWh of net negative for the transmission service to remote supply from unit A to unit B.

Item 6 Page 4 of 27

Additional details can be found in PJM Manual 28, Section 13 at (Home > Library > Manuals) <u>http://www.pjm.com/library/manuals.aspx</u>

The mechanics of PJM's Station Power settlements are documented in Manual 28, Section 13 as well as in the PJM Tariff, Attachment K – Appendix, Section 1.7.10. Station Power Settlements occur are on a one-month lag.

As part of PJM's station power settlements, PJM determines if a generator self-supplied its Station Power or obtained Station Power from third-party providers.

A generator may self-supply Station Power for its generation facility during any month (1) when the net output of such facility is positive, or (2) when the net output of such facility is negative and the generator during the same month has available at other of its generation facilities positive net output in an amount at least sufficient to offset fully negative net output.

PJM station power settlements is controlled by what is or is not submitted to PJM via the Power Meter tool.

If the generator has a wholesale station service arrangement, a negative MWh value should be reported in Power Meter when the unit is off-line and consuming energy.

If the generator has a superseding retail station service arrangement, a zero (0) MWh value should be reported in Power Meter when the unit is off-line and consuming energy. In this case, compensation for station power consumption is handled bilaterally between the EDCs and generation owners and PJM billing adjustments for station power are not applicable.

Regardless of which party actually controls the submission of values into Power Meter, it is both the EDC and Generation Owner's mutual responsibility to ensure values are submitted into Power Meter as accurately as possible by the established submission deadlines.

For example, the Generation Owner should not submit Station Power negatives into Power Meter during offline hours if they have a superseding retail agreement with the EDC or another third party.

Similarly, the EDC would want to make sure Station Power negatives are submitted into Power Meter if they have no retail Station Power agreement with the generator.

If a participant needs information on contacts at a given EDC regarding Station Power arrangements, you can give PJM permission to forward your contact information and inquiry to the given EDC's registered Power Meter users. For the PJM weekly and monthly bills, PJM market settlements are based on generator values as reported to Power Meter. Positive Generation reported in Power Meter would result in a credit (MWh \* LMP) on the PJM Bill. Negative Generation (i.e. consumption) reported in Power Meter would result in a charge (MWh \* LMP) on the PJM Bill.

After the given month's bill is issued, PJM evaluates if a generator (or group of generators) has net negative generation for the month.

The generators that have a net negative amount of MWs for the month will then be classified into two categories.

If a group of generators had net positive total generation for the calendar month but had one or more individual generators each had a total negative generation for the month, the negative generators had Remote Self-Supply. Remote self-supply indicates station power at a particular generator was supplied from another generator in its portfolio.

# Remote Self-Supply

For those generators which received Station Power through Remote Self-Supply, the PJM member needs to be charged non-firm point-to-point transmission service. This amount is based on the non-firm point-to-point transmission service rate multiplied by the negative MW amount.

If a generator or group of generators had net negative total generation for the month, those generators which had a negative net generation amount were served station power by retail supply/third party supply. Retail supply means the local EDC or other third party needed to serve the station power load of a generator and will therefore charge the generator owner the appropriate retail rates.

# Retail Supply (Third-Party Supply)

In situations of Retail Supply, the generator is charged the wholesale rate for station service (the LMP for the generator bus) during the original wholesale market settlements. However, since those generators actually received Station Power through Retail Supply, the generator actually received the needed power from the local EDC or third party at the retail rate. This amount will be charged to the generator owner by the EDC, and the original wholesale LMP charge needs to be 'backed-out' – not charged to the generator. Thus the generator owner gets a credit, and the EDC will receive a charge, both of which are to balance the original wholesale charge which was made earlier in the settlements process.

Generators can group together to form a single station service netting portfolio. A portfolio is defined by generators which share the same lowest level corporate entity ownership.

If a generator has defined itself as it is own LLC, it cannot net with other generators, even if they are "owned" in the PJM Market by a common member. For example, if unit A and unit B are "owned" in the PJM Energy Market settlements by Power Marketer X. If there is a Unit A LLC and a Unit B LLC, these two units cannot net relative to the Station Service netting evaluation.

Conversely, if two units are "owned" in the PJM Energy Market settlements by two different PJM Members but their lowest level corporate parent is the same company, then they can net relative to the station service netting evaluation. As long as the portfolio is net Generation to the Grid for the month, then there is no retail billing. However, if a Unit within the portfolio is net negative, then PJM charges 67 Cents per MWh of net negative for the transmission service to remote supply from unit A to unit B.

Additional details can be found in PJM Manual 28, Section 13 at (Home > Library > Manuals) http://www.pjm.com/library/manuals.aspx

Best,

Helen Burnley Sr. Client Manager Client Management and Services

(610) 635-3468 | C: (610) 960-2128 | <u>Helen.Burnley@pim.com</u> PJM Interconnection | 2750 Monroe Blvd. | Audubon, PA 19403

# Audra Cannon

From:	Ken Borders <klborders@aep.com></klborders@aep.com>
Sent:	Friday, March 17, 2017 3:28 PM
То:	George Scienski
Subject:	Kentucky Power - Question about station netting - Riverside Generation
Attachments:	2017 JAN 31 KPCO NUG TARIFF.pdf; 2015 SEP 29 INDUSTRIAL GENERAL SERVICE.pdf

Mr. Scienski,

A few weeks ago you inquired about the possibility of "netting" station power in order to obtain power at a wholesale rate for the Riverside facility in Lawrence County, Kentucky. Kentucky Power offers the response to your question below.

As an independent power producer within Kentucky Power Company's retail service territory, the Riverside generating facility is required to obtain station power at retail from Kentucky Power under the PSC-approved Tariff N.U.G. (Non-Utility Generator), as Riverside has done for many years. Tariff N.U.G., which is attached, does not permit an IPP to obtain station power at wholesale under the PJM Open Access Transmission Tariff unless the IPP can "provide Startup and Station Power from commonly owned generation facilities that are not located on the site of the customer's generator (remote self-supply)." Our understanding is that there are no other "commonly owned generation facilities" in the same corporate entity as the Riverside generating facility, and therefore Riverside is not eligible for remote self-supply and may not obtain station power at wholesale under the PJM tariff. Rather, Riverside must continue to obtain station power at retail from Kentucky Power under Tariff N.U.G.

Please note the Station Contract Capacity referred to in Tariff N.U.G. is supplied under the Industrial General Service tariff 360.

Tariff N.U.G. is attached along with Tariff I.G.S. (Industrial General Service). Should you have additional questions or need additional information please feel free to contact me.

Sincerely,

Ken Borders - Customer Service Engineer Kentucky Power Company 12333 Kevin Avenue Ashland, KY 41102 Phone (606) 929-1453 klborders@aep.com

#### TARIFF N.U.G. (Non-Utility Generator)

#### AVAILABILITY OF SERVICE,

This tariff is applicable to customers with generation facilities which have a total design capacity of over 1,000 kW that intends to schedule, deliver and sell the net electric output of the facility at wholesale, and who require Commissioning Power, Startup Power and/or Station Power service from the Company.

Service to any load that is electrically isolated from the Customer's generator shall be separately metered and provided in accordance with the generally available demand-metered tariff appropriate for such service to the Customer.

This tariff is not available for standby, backup, maintenance, or supplemental service for wholesale or retail loads served by customer's generator.

#### **DEFINITIONS.**

- 1. **Commissioning Power** The electrical energy and capacity supplied to the customer prior to the commercial operation of the customer's generator, including initial construction and testing phases.
- 2. Station Power The electrical energy and capacity supplied to the customer to serve the auxiliary loads at the customer's generation facilities, usually when the customer's generator is not operating. Station Power does not include Startup Power.
- 3. Startup Power The electrical energy and capacity supplied to the customer following a planned or forced outage of the customer's generator for the purpose of returning the customer's generator to synchronous operation.

#### COMMISSIONING POWER SERVICE.

Customers requiring Commissioning Power shall take service under Tariff T.S. or by special agreement with the Company.

The Customer shall coordinate its construction and testing with the Company to ensure that the customer's operations do not cause any undue interference with the Company's obligations to provide service to its other customers or impose a burden on the Company's system or any system interconnected with the Company.

#### STATION POWER SERVICE.

Customers requiring Station Power shall take service under the generally available demand-metered tariff appropriate for the customer's Station Power requirements.

Station Contract Capacity – The Customer shall contract for a definite amount of electrical capacity in kW sufficient to meet the maximum Station Power requirements that the Company is expected to supply under the generally available demand-metered tariff appropriate for the customer.

#### STARTUP POWER SERVICE.

Customers requiring Startup Power have the option of contracting for such service under the terms of this tariff or under the generally available demand-metered tariff appropriate for the customer's Startup Power requirements.

**Startup Contract Capacity** – The Customer shall contract for a definite amount of electrical capacity in kW sufficient to meet the maximum Startup Power requirements that the Company is expected to supply.

Startup Duration – The Customer shall contract for a definite number of hours sufficient to meet the maximum period of time for which the Company is expected to supply Startup Power.

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(Cont'd on Sheet No. 26-2)

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: Service Rendered On And After June 30, 2015

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of An Order By The Public Service Commission

In Case No. 2014-00396 Dated June 22, 2015

#### TARIFF N.U.G. (Cont'd) (Non-Utility Generator)

#### STARTUP POWER SERVICE. (cont'd)

**Startup Duration** – The Customer shall contract for a definite number of hours sufficient to meet the maximum period of time for which the Company is expected to supply **Startup** Power.

**Startup Frequency** – The Customer shall contract for a definite number of startup events sufficient to meet the maximum number of times per year that the Company is expected to supply Startup Power.

Other Startup Characteristics - The customer shall provide to the Company other information regarding the customer's Startup Power requirements, including, but not limited to, anticipated time-of-use and seasonal characteristics.

Notification Requirement - Whenever Startup Power is needed, the Customer shall provide advance notice to the Company.

Upon receipt of a request from the Customer for Startup Power Service under the terms of this tariff, the Company will provide the Customer a written offer containing the Notification Requirement, generation, transmission and distribution rates (including demand and energy charges) and related terms and conditions of service under which service will be provided by the Company. Such offer shall be based upon the Startup Contract Capacity, Startup Duration, Startup Frequency, and Other Startup Characteristics as specified by the customer. In no event shall the rates be less than the sum of the Tariff I.G.S. Energy Charge, the Fuel Adjustment Clause, the System Sales Clause, the Demand-Side Management Adjustment Clause, Asset Transfer Rider, Big Sandy Retirement Rider, Big Sandy I Operation Rider, Purchase Power Rider, KY Economic Development Surcharge, Environmental Surcharge, and the Capacity Charge.

If the parties reach an agreement based upon the offer provided to the customer by the Company, a contract shall be executed that provides full disclosure of all rates, terms and conditions of service under this tariff, and any and all agreements related thereto.

#### **DELAYED PAYMENT CHARGE.**

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

#### DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: Service Rendered On And After June 30, 2015

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2014-00396 Dated June 22, 2015

KENTUCKY PUBLIC SERVICE COMMISSION
 JEFF R. DEROUEN EXECUTIVE DIRECTOR
TARIFF BRANCH
Bunt Kutley
EFFECTIVE
6/30/2015
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

Т

#### TARIFF N.U.G. (Cont'd) (Non-Utility Generator)

#### MONTHLY BILLING DEMAND,

The monthly billing demand in kW shall be taken each month as the highest single 15-minute integrated peak in kW as registered by a demand meter or indicator, less the Station Contract Capacity. The monthly billing demand so established shall in no event be less than the greater of (a) the Startup Contract Capacity or b) the customer's highest previously established monthly billing demand during the past 11 months.

#### MONTHLY BILLING ENERGY.

Interval billing energy shall be measured each 15-minute interval of the month as the total KWH registered by an energy meter or meters less the quotient of the Station Contract Capacity and four (4). In no event shall the interval billing energy be less than zero (0). Monthly billing energy shall be the sum of the interval billing energy for all intervals of the billing month.

#### TRANSMISSION SERVICE.

**Transmission Provider** – The entity providing transmission service to customers in the Company's service territory. Such entity may be the Company or a regional transmission entity.

Prior to taking service under this tariff, the Customer must have a fully executed Interconnection and Operation Agreement with the Company and/or the Transmission Provider or an unexecuted agreement filed with the Federal Energy Regulatory Commission under applicable procedures.

Should the Transmission Provider implement charges for Transmission Congestion, the Company shall provide 30 days written notice to the customer. Upon the expiration of such notice period, should the customer's use of Startup Power result in any charges for Transmission Congestion from the Transmission Provider, such charges, including any applicable taxes or assessments, shall be paid by or passed through to the customer without markup. Transmission Congestion is the condition that exists when market participants seek to dispatch in a pattern that would result in power flows that cannot be physically accommodated by the system.

#### TERM OF CONTRACT.

Contracts under this tariff will be made for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least 6 months' written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts for periods greater than one year.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

The Company may not be required to supply capacity in excess of that contracted for except by mutual agreement. Contracts will be made in multiples of 100 kW.

#### SPECIAL TERMS AND CONDITIONS.

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff shall not obligate the Company to purchase or pay for any capacity or energy produced by the Customer's generator.

Customers desiring to provide Startup and Station Power from commonly owned generation facilities that are not located on the site of the customer's generator (remote self-supply), shall take service under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with and accepted by the Federal Energy Regulatory Commission.

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: Service Rendered On And After June 30, 2015

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of Order By The Public Service Commission

In Case No. 2014-00396 Dated June 22, 2015



#### KENTUCKY POWER COMPANY

#### P.S.C. KY. NO. 10 1<sup>ST</sup> REVISED SHEET NO. 10-1 CANCELLING P.S.C. KY. NO. 10 ORIGINAL SHEET NO. 10-1

#### TARIFF I.G.S.

#### (Industrial General Service)

#### AVAILABILITY OF SERVICE.

Available for commercial and industrial customers with contract demands of at least 1,000 KW. Customers shall contract for a definite amount of electrical capacity in kilowatts, which shall be sufficient to meet normal maximum requirements.

#### <u>RATE.</u>

	Secondary	Primary	Service Voltage Subtransmission	<u>Transmission</u>
Tariff Code	356	358/370	359/371	360/372
Scrvice Charge per month	\$ 276.00	\$ 276.00	\$ 794.00	\$ 1,353.00
Demand Charge per KW Of monthly on-peak billing				
demand	\$ 18.23	\$ 15.21	\$ 10.02	\$ 9.75
Of monthly off-peak				
billing demand	\$ 1.10	\$ 1.07	\$ 1.05	\$ 1.04
Energy Charge per KWH	3.242 ¢	3.126 ¢	3.090 ¢	3.052 ¢

RRRR

For the purpose of this tariff, the on-peak billing period is defined as 7:00 AM to 9:00 PM for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays and all hours of Saturday and Sunday.

#### MINIMUM DEMAND CHARGE.

leading or lagging reactive demand in excess of

The minimum demand charge shall be equal to the minimum billing demand times the following minimum demand rates:

Secondary	Primary	Subtransmission	Transmission
\$19.59/KW	\$16.53 /KW	\$11.32/KW	\$11.03/KW

The minimum billing demand shall be the greater of 60% of the contract capacity set forth on the contract for electric service or 60% of the highest billing demand, on-peak or off-peak, recorded during the previous eleven months.

#### MINIMUM CHARGE.

This tariff is subject to a minimum charge equal to the Service Charge plus the Minimum Demand Charge.

#### FUEL ADJUSTMENT CLAUSE.

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

#### SYSTEM SALES CLAUSE.

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

(Cont'd on Sheet No. 10-2)

#### DATE OF ISSUE: August 27, 2015

DATE EFFECTIVE: Bills Rendered On And After September 29, 2015

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By authority of an Order by the Public Service Commission

In Case No. 2014-00450 Dated August 11, 2015

KENTUCKY PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN EXECUTIVE DIRECTOR
TARIFF BRANCH
Bunt Kirtley
EFFECTIVE
9/29/2015
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

#### Witness: Anthony Hammond P.S.C. KY. NO. 10 ORIGINAL SHEET NO. 10-2 CANCELLING P.S.C. KY. NO. 10 \_\_\_\_\_\_ SHEET NO. 10-2

#### TARIFF I.G.S. (Industrial General Service)

#### DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE,

Bills computed according to the rates set forth herein will be increased or decreased by a Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule, unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

#### ASSET TRANSFER RIDER.

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet No. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro rate amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

#### **BIG SANDY RETIREMENT RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet No. 38-1 through 38-2 of this Tariff Schedule.

#### **BIG SANDY I OPERATION RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy 1 Operation Rider Adjustment Factor per kW and/or kWh calculated in compliance with the Big Sandy 1 Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

#### PURCHASE POWER ADJUSTMENT.

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

#### ENVIRONMENTAL SURCHARGE.

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of the Tariff Schedule.

#### CAPACITY CHARGE.

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet No. 28-1 through 28-2 of this Tariff Schedule.

(Cont'd on Sheet No. 10-3)

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: Service Rendered On And After June 30, 2015

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of An Order By The Public Service Commission

In Case No. 2014-00396 Dated June 22, 2015

Į	KENTUCKY
	PUBLIC SERVICE COMMISSION
	JEFF R. DEROUEN EXECUTIVE DIRECTOR
ļ	TARIFF BRANCH
	Brent Kirtley
	EFFECTIVE
	6/30/2015
1	PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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Item 6 Page 11 of 27

#### Witness: Anthony Hammond P.S.C. KY. NO. 10 ORIGINAL SHEET NO. 10-3 CANCELLING P.S.C. KY. NO. 10 SHEET NO. 10-3

#### TARIFF I.G.S. (Industrial General Service)

#### KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE.

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

#### DELAYED PAYMENT CHARGE.

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

#### **METERED VOLTAGE.**

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWII and KVA values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- Measurements taken at the low-side of a Customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

#### MONTHLY BILLING DEMAND.

The monthly on-peak and off-peak billing demands in KW shall be taken each month as the highest single 15-minute integrated peak in KW as registered by a demand meter during the on-peak and off-peak billing periods, respectively.

The reactive demand in KVARs shall be taken each month as the highest single 15-minute integrated peak in KVARs as registered during the month by a demand meter or indicator.

(Cont'd on Sheet No. 10-4)

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: Service Rendered On And After June 30, 2015

ISSUED BY: JOHN A. ROGNESS III TITLE: Director Regulatory Services

By Authority Of An Order By The Public Service Commission

In Case No. 2014-00396 Dated June 22, 2015

KENTUCKY PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN EXECUTIVE DIRECTOR
TARIFF BRANCH
Bunt Kutley
EFFECTIVE
6/30/2015
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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Item 6 Page 12 of 27

#### P.S.C. KY. NO. 10 ORIGINAL SHEET NO. 10-4 CANCELLING P.S.C. KY. NO. 10 \_\_\_\_\_ SHEET NO. 10-4

#### TARIFF I.G.S. (Industrial General Scrvice)

#### **TERM OF CONTRACT.**

Contracts under this tariff will be made for an initial period of not less than two years and shall remain in effect thereafter until either party shall give at least 12 months' written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts for periods greater than two years.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

#### CONTRACT CAPACITY

The Customer shall set forth the amount of capacity contracted for ("the contract capacity") in an amount equal to or greater than 1,000 KW in multiplies of 100 KW. The Company is not required to supply capacity in excess of such contract capacity except with express written consent of the Company.

#### SPECIAL TERMS AND CONDITIONS.

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is available for resale service to mining and industrial Customers who furnish service to Customer-owned camps or villages where living quarters are rented to employees and where the Customer purchases power at a single point for both the power and camp requirements.

This tariff is also available to Customers having other sources of energy supply, but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the Customer shall contract for the maximum amount of demand in KW which the Company might be required to furnish, but not less than 1,000 KW. The Company shall not be obligated to supply demands in excess of that contracted capacity. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

A Customer's plant is considered as one or more buildings, which are served by a single electrical distribution system provided and operated by the Customer. When the size of the Customer's load necessitates the delivery of energy to the Customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the Customer's system irrespective of contrary provisions in Terms and Conditions of Service.

Customer with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff COGEN/SPP II or by special agreement with the Company.

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DATE OF ISSUE: July 10, 2015 DATE EFFECTIVE: Service Rendered On And After June 30, 2015 ISSUED BY: JOHN A. ROGNESS III TITLE: Director Regulatory Services By Authority Of An Order By The Public Service Commission In Case No. 2014-00396 Dated June 22, 2015

PUBLIC	KENTUCKY SERVICE COMMISSION
	EFF R. DEROUEN ECUTIVE DIRECTOR
	TARIFF BRANCH
ß	Sunt Kirtley
	EFFECTIVE
	6/30/2015
PURSUANT	TO 807 KAR 5:011 SECTION 9 (1)

# Audra Cannon

From:	George Scienski
Sent:	Tuesday, June 27, 2017 3:43 PM
То:	Ken Borders
Cc:	Greene, Steve
Subject:	Spam: RE: Kentucky Power - Question about station netting - RiversideGeneration-2
Attachments:	170627-RGC-KPC Riverside-Station Power Netting under Tariff N.U.Gpdf

Ken:

Riverside has spent some time reviewing your email and researching the issue of station service netting. For the reasons detailed within the attached, we believe that we qualify for the remote self-supply provisions described in the tariff and summarized in your email. Please review the attached (hardcopy sent via FedEx). We look forward to discussing and resolving the matter.

Thanks,

George

George S. Scienski LS Power Development, LLC One Tower Center, 21st Floor East Brunswick, NJ 08816 office phone (NJ): 732-867-5860 office phone (SCES): 254-896-4218 cell phone: 732-354-7641 fax: 732-249-7290 gscienski@lspower.com

-----Original Message-----From: Ken Borders [mailto:klborders@aep.com] Sent: Friday, March 17, 2017 3:28 PM To: George Scienski Subject: Kentucky Power - Question about station netting - Riverside Generation

Mr. Scienski,

A few weeks ago you inquired about the possibility of "netting" station power in order to obtain power at a wholesale rate for the Riverside facility in Lawrence County, Kentucky. Kentucky Power offers the response to your question below.

Item 6 Page 15 of 27

As an independent power producer within Kentucky Power Company's retail service territory, the Riverside generating facility is required to obtain station power at retail from Kentucky Power under the PSC-approved Tariff N.U.G. (Non-Utility Generator), as Riverside has done for many years. Tariff N.U.G., which is attached, does not permit an IPP to obtain station power at wholesale under the PJM Open Access Transmission Tariff unless the IPP can "provide Startup and Station Power from commonly owned generation facilities that are not located on the site of the customer's generator (remote self-supply)." Our understanding is that there are no other "commonly owned generation facilities" in the same corporate entity as the Riverside generating facility, and therefore Riverside is not eligible for remote self-supply and may not obtain station power at retail from Kentucky Power under Tariff N.U.G.

Please note the Station Contract Capacity referred to in Tariff N.U.G. is supplied under the Industrial General Service tariff 360.

Tariff N.U.G. is attached along with Tariff I.G.S. (Industrial General Service). Should you have additional questions or need additional information please feel free to contact me.

Sincerely,

Ken Borders - Customer Service Engineer Kentucky Power Company 12333 Kevin Avenue Ashland, KY 41102 Phone (606) 929-1453 klborders@aep.com

# Riverside Generating Company, LLC

25038 US Hwy 23 Catlettsburg, Kentucky 41129 (606) 686-1311

June 27, 2017

VIA EMAIL (klborders@aep.com)

Mr. Ken Borders Customer Service Engineer Kentucky Power Company 12333 Kevin Avenue Ashland, KY 41102

# RE: Riverside Generation / Station Power Netting under Tariff N.U.G.

Dear Mr. Borders:

Reference is made to your email of March 17, 2017,<sup>1</sup> in which you provided initial guidance regarding the terms of Kentucky Power Company's Tariff N.U.G. and its applicability to the electric service received by Riverside Generating Company, LLC ("Riverside"), at its facilities located in Lawrence County, Kentucky. I appreciate your invitation to further discuss this matter and hope I can provide additional clarity with respect to the relevant facts.

Riverside's power production facilities in Kentucky include a total of five (5) generating units located at two (2) proximate, though distinct, generation sites. Riverside's Units 1-3, which are identified and classified by PJM Interconnection, LLC ("PJM"), as comprising the "Zelda" site, are located on real estate originally acquired in the year 2000 and were placed into operation in the year 2001. Riverside's Units 4 and 5, which are identified and classified by PJM as comprising the "Foothills" site, are located on real estate originally acquired in the year 2001 and were placed into operation in the year 2002. Riverside wholly owns both sites and each of the units found upon them.

As you are aware, Riverside is presently exploring the options available to it for satisfying its station power needs at both the Zelda and Foothills sites. Because both sites are interconnected with the wholesale transmission grid and consistently produce significantly more energy than consumed for their operation, Riverside is examining with particularity its ability to "net" its station power in accordance with the terms of PJM's Open Access Transmission Tariff. At this time, and in light of the relevant facts elucidated herein, Riverside continues to believe this avenue represents the most sensible solution to the situation under scrutiny.

In your email of March 17<sup>th</sup>, you indicated that a "netting" arrangement like that summarized above would not be available to Riverside under the terms of Kentucky Power's existing retail Tariff N.U.G. which states, in relevant part, that "[c]ustomers desiring to provide Startup and Station Power from commonly owned generation facilities that are not located on the

<sup>&</sup>lt;sup>1</sup> For your reference, a copy of this email is included herewith.

Mr. Ken Borders June 27, 2017 Page Two

site of the customer's generator (remote self-supply) shall take service under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with and accepted by the Federal Energy Regulatory Commission." In reaching your initial conclusion, you expressed your understanding that Riverside has just one (1) generating site in its portfolio, and thus "is not eligible for remote self-supply...." The relevant facts clearly show, however, that Riverside's Zelda and Foothills generators are located on separate and distinct "sites" for purposes of complying with the Tariff N.U.G. and the PJM Open Access Transmission Tariff.

As mentioned above, the Zelda site and the Foothills site sit upon unique parcels of real estate that were acquired at different times. While the two (2) sites share a common property line, that same border is marked by fencing and other barriers that provide apparent and actual partitioning. Each site is individually identified by PJM for various purposes and is uniquely reported to PJM. Each site is uniquely metered, has its own infrastructure and connections to the nearby Baker Switchyard. There is no cross feed/tie-breaker between the sites, no parasitic load, and no need for the respective units to operate in unison. Indeed, for nearly every relevant intent and purpose, the Zelda site and the Foothills site may as well be located ten, twenty, or even hundreds of miles from each other. Based on these facts, it is both logical and reasonable to conclude that Riverside's Units 1-3 are not located on the same "site" as Riverside's Units 4-5. Instead, these distinct sites house "commonly owned generation facilities" capable of remotely supplying station power to Riverside when necessary. Therefore, consistent with the Special Terms and Conditions of Kentucky Power's Tariff N.U.G., Riverside appears eligible to take its station power service under PJM's Open Access Transmission Tariff.

It is my hope that the additional detail provided in this correspondence will permit you to reconsider the earlier conclusion reflected in your March 17<sup>th</sup> email. Because Riverside remains committed to working with Kentucky Power to realize a fair and appropriate resolution of these issues, I would be happy to answer any questions or further confer at your convenience. In any event, I ask that you please confirm Kentucky Power's agreement with the discussion/conclusion contained herein on or before July 7, 2017.

Again, I appreciate your willingness to discuss this matter and look forward to your response.

Sincerely,

George Scienski

Attachment

From:	Ken Borders
To:	George Scienski
Subject:	Kentucky Power - Question about station netting - Riverside Generation
Date:	Friday, March 17, 2017 3:27:47 PM
Attachments:	2017 JAN 31 KPCO NUG TARIFF.pdf
	2015 SEP 29 INDUSTRIAL GENERAL SERVICE.pdf

#### Mr. Scienski,

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Please note the Station Contract Capacity referred to in Tariff N.U.G. is supplied under the Industrial General Service tariff 360.

Tariff N.U.G. is attached along with Tariff I.G.S. (Industrial General Service). Should you have additional questions or need additional information please feel free to contact me.

Sincerely,

Ken Borders - Customer Service Engineer Kentucky Power Company 12333 Kevin Avenue Ashland, KY 41102 Phone (606) 929-1453 klborders@aep.com

#### TARIFF N.U.G. (Non-Utility Generator)

#### AVAILABILITY OF SERVICE.

This tariff is applicable to customers with generation facilities which have a total design capacity of over 1,000 kW that intends to schedule, deliver and sell the net electric output of the facility at wholesale, and who require Commissioning Power, Startup Power and/or Station Power service from the Company.

Service to any load that is electrically isolated from the Customer's generator shall be separately metered and provided in accordance with the generally available demand-metered tariff appropriate for such service to the Customer.

This tariff is not available for standby, backup, maintenance, or supplemental service for wholesale or retail loads served by customer's generator.

#### **DEFINITIONS.**

- 1. **Commissioning Power** The electrical energy and capacity supplied to the customer prior to the commercial operation of the customer's generator, including initial construction and testing phases.
- Station Power The electrical energy and capacity supplied to the customer to serve the auxiliary loads at the customer's generation facilities, usually when the customer's generator is not operating. Station Power does not include Startup Power.
- 3. Startup Power The electrical energy and capacity supplied to the customer following a planned or forced outage of the customer's generator for the purpose of returning the customer's generator to synchronous operation.

#### COMMISSIONING POWER SERVICE.

Customers requiring Commissioning Power shall take service under Tariff T.S. or by special agreement with the Company.

The Customer shall coordinate its construction and testing with the Company to ensure that the customer's operations do not cause any undue interference with the Company's obligations to provide service to its other customers or impose a burden on the Company's system or any system interconnected with the Company.

#### STATION POWER SERVICE.

Customers requiring Station Power shall take service under the generally available demand-metered tariff appropriate for the customer's Station Power requirements.

**Station Contract Capacity** – The Customer shall contract for a definite amount of electrical capacity in kW sufficient to meet the maximum Station Power requirements that the Company is expected to supply under the generally available demand-metered tariff appropriate for the customer.

#### STARTUP POWER SERVICE.

Customers requiring Startup Power have the option of contracting for such service under the terms of this tariff or under the generally available demand-metered tariff appropriate for the customer's Startup Power requirements.

**Startup Contract Capacity** – The Customer shall contract for a definite amount of electrical capacity in kW sufficient to meet the maximum Startup Power requirements that the Company is expected to supply.

**Startup Duration** – The Customer shall contract for a definite number of hours sufficient to meet the maximum period of time for which the Company is expected to supply Startup Power.

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(Cont'd on Sheet No. 26-2)

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: Service Rendered On And After June 30, 2015

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of An Order By The Public Service Commission

In Case No. 2014-00396 Dated June 22, 2015

KENTUCKY PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN EXECUTIVE DIRECTOR
TARIFF BRANCH
Bunt Kirtley
EFFECTIVE
6/30/2015
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

#### TARIFF N.U.G. (Cont'd) (Non-Utility Generator)

#### STARTUP POWER SERVICE. (cont'd)

**Startup Duration** – The Customer shall contract for a definite number of hours sufficient to meet the maximum period of time for which the Company is expected to supply Startup Power.

**Startup Frequency** – The Customer shall contract for a definite number of startup events sufficient to meet the maximum number of times per year that the Company is expected to supply Startup Power.

Other Startup Characteristics – The customer shall provide to the Company other information regarding the customer's Startup Power requirements, including, but not limited to, anticipated time-of-use and seasonal characteristics.

Notification Requirement - Whenever Startup Power is needed, the Customer shall provide advance notice to the Company.

Upon receipt of a request from the Customer for Startup Power Service under the terms of this tariff, the Company will provide the Customer a written offer containing the Notification Requirement, generation, transmission and distribution rates (including demand and energy charges) and related terms and conditions of service under which service will be provided by the Company. Such offer shall be based upon the Startup Contract Capacity, Startup Duration, Startup Frequency, and Other Startup Characteristics as specified by the customer. In no event shall the rates be less than the sum of the Tariff I.G.S. Energy Charge, the Fuel Adjustment Clause, the System Sales Clause, the Demand-Side Management Adjustment Clause, Asset Transfer Rider, Big Sandy Retirement Rider, Big Sandy 1 Operation Rider, Purchase Power Rider, KY Economic Development Surcharge, Environmental Surcharge, and the Capacity Charge.

If the parties reach an agreement based upon the offer provided to the customer by the Company, a contract shall be executed that provides full disclosure of all rates, terms and conditions of service under this tariff, and any and all agreements related thereto.

#### DELAYED PAYMENT CHARGE.

This tariff is due and payable in full on or before the due date stated on the bill. On all accounts not so paid, an additional charge of 5% of the unpaid balance will be made.

#### DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: Service Rendered On And After June 30, 2015

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of an Order of the Public Service Commission

In Case No. 2014-00396 Dated June 22, 2015

	KENTUCKY PUBLIC SERVICE COMMISSION	
-	JEFF R. DEROUEN EXECUTIVE DIRECTOR	
	TARIFF BRANCH	
	Bunt Kirtley	
	EFFECTIVE	
	6/30/2015	
	PURSUANT TO 807 KAR 5:011 SECTION 9 (1)	
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#### TARIFF N.U.G. (Cont'd) (Non-Utility Generator)

#### MONTHLY BILLING DEMAND,

The monthly billing demand in kW shall be taken each month as the highest single 15-minute integrated peak in kW as registered by a demand meter or indicator, less the Station Contract Capacity. The monthly billing demand so established shall in no event be less than the greater of (a) the Startup Contract Capacity or b) the customer's highest previously established monthly billing demand during the past 11 months.

#### MONTHLY BILLING ENERGY.

Interval billing energy shall be measured each 15-minute interval of the month as the total KWH registered by an energy meter or meters less the quotient of the Station Contract Capacity and four (4). In no event shall the interval billing energy be less than zero (0). Monthly billing energy shall be the sum of the interval billing energy for all intervals of the billing month.

#### TRANSMISSION SERVICE.

**Transmission Provider** – The entity providing transmission service to customers in the Company's service territory. Such entity may be the Company or a regional transmission entity.

Prior to taking service under this tariff, the Customer must have a fully executed Interconnection and Operation Agreement with the Company and/or the Transmission Provider or an unexecuted agreement filed with the Federal Energy Regulatory Commission under applicable procedures.

Should the Transmission Provider implement charges for Transmission Congestion, the Company shall provide 30 days written notice to the customer. Upon the expiration of such notice period, should the customer's use of Startup Power result in any charges for Transmission Congestion from the Transmission Provider, such charges, including any applicable taxes or assessments, shall be paid by or passed through to the customer without markup. Transmission Congestion is the condition that exists when market participants seek to dispatch in a pattern that would result in power flows that cannot be physically accommodated by the system.

#### TERM OF CONTRACT.

Contracts under this tariff will be made for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least 6 months' written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts for periods greater than one year.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

The Company may not be required to supply capacity in excess of that contracted for except by mutual agreement. Contracts will be made in multiples of 100 kW.

#### SPECIAL TERMS AND CONDITIONS.

This tariff is subject to the Company's Terms and Conditions of Service,

This tariff shall not obligate the Company to purchase or pay for any capacity or energy produced by the Customer's generator.

Customers desiring to provide Startup and Station Power from commonly owned generation facilities that are not located on the site of the customer's generator (remote self-supply), shall take service under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with and accepted by the Federal Energy Regulatory Commission.

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: Service Rendered On And After June 30, 2015

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of Order By The Public Service Commission

In Case No. 2014-00396 Dated June 22, 2015



#### **KENTUCKY POWER COMPANY**

#### P.S.C. KY. NO. 10 1<sup>ST</sup> REVISED SHEET NO. 10-1 CANCELLING P.S.C. KY. NO. 10 ORIGINAL SHEET NO. 10-1

#### TARIFF I.G.S.

#### (Industrial General Service)

#### AVAILABILITY OF SERVICE.

Available for commercial and industrial customers with contract demands of at least 1,000 KW. Customers shall contract for a definite amount of clectrical capacity in kilowatts, which shall be sufficient to meet normal maximum requirements.

#### RATE.

	Secondary	Primary	<u>Service Voltage</u> Subtransmission	Transmission
Tariff Code	356	358/370	359/371	360/372
Scrvice Charge per month	\$ 276,00	\$ 276.00	\$ 794.00	\$ 1,353,00
Demand Charge per KW				
Of monthly on-peak billing				
demand	\$ 18.23	\$ 15.21	\$ 10.02	\$ 9.75
Of monthly off-peak				
billing demand	\$ 1.10	\$ 1.07	\$ 1.05	\$ 1.04
Energy Charge per KWH	3.242 ¢	3.126 ¢	3.090 ¢	3.052 ¢

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For the purpose of this tariff, the on-peak billing period is defined as 7:00 AM to 9:00 PM for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays and all hours of Saturday and Sunday.

#### MINIMUM DEMAND CHARGE.

The minimum demand charge shall be equal to the minimum billing demand times the following minimum demand rates:

Secondary	<u>Primary</u>	Subtransmission	Transmission	
\$19.59/KW	\$16.53 /KW	\$11,32/KW	\$11.03/KW	

The minimum billing demand shall be the greater of 60% of the contract capacity set forth on the contract for electric service or 60% of the highest billing demand, on-peak or off-peak, recorded during the previous eleven months.

#### MINIMUM CHARGE.

This tariff is subject to a minimum charge equal to the Service Charge plus the Minimum Demand Charge.

#### FUEL ADJUSTMENT CLAUSE.

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

#### SYSTEM SALES CLAUSE.

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

(Cont'd on Sheet No. 10-2)

DATE OF ISSUE: <u>August 27, 2015</u>
DATE EFFECTIVE: <u>Bills Rendered On And After September 29, 2015</u>
ISSUED BY: <u>JOHN A. ROGNESS III</u>
TITLE: <u>Director Regulatory Services</u>

By authority of an Order by the Public Service Commission

In Case No. 2014-00450 Dated August 11, 2015

KENTUCKY PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN EXECUTIVE DIRECTOR
TARIFF BRANCH
Brent Kirtley
EFFECTIVE
9/29/2015
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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#### P.S.C. KY. NO. 10 ORIGINAL SHEET NO. 10-2 CANCELLING P.S.C. KY. NO. 10 \_\_\_\_\_ SHEET NO. 10-2

#### TARIFF I.G.S. (Industrial General Service)

#### DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.

Bills computed according to the rates set forth herein will be increased or decreased by a Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 through 22-15 of this Tariff Schedule, unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

#### ASSET TRANSFER RIDER.

Bills computed according to the rates set forth herein will be increased or decreased by an Asset Transfer Adjustment Factor based on a percent of revenue in compliance with the Asset Transfer Rider contained in Sheet No. 36-1 through 36-2 of this Tariff Schedule. The Asset Transfer Adjustment Factor will be applied to bills until such time as the pro rate amount (computed on a 365-day annual basis) authorized to be recovered via Tariff A.T.R. in the Stipulation and Settlement Agreement, approved as modified by the Commission by its order dated October 7, 2013 in Case No. 2012-00578, has been recovered.

#### **BIG SANDY RETIREMENT RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy Retirement Rider Adjustment Factor based on a percent of revenue in compliance with the Big Sandy Retirement Rider contained in Sheet No. 38-1 through 38-2 of this Tariff Schedule.

#### **BIG SANDY I OPERATION RIDER.**

Bills computed according to the rates set forth herein will be increased or decreased by a Big Sandy 1 Operation Rider Adjustment Factor per kW and/or kWh calculated in compliance with the Big Sandy 1 Operation Rider contained in Sheet Nos. 39-1 through 39-2 of this Tariff Schedule.

#### PURCHASE POWER ADJUSTMENT,

Bills computed according to the rates set forth herein will be increased or decreased by a Purchase Power Adjustment Factor based on a percent of revenue in compliance with the Purchase Power Adjustment contained in Sheet No. 35-1 of this Tariff Schedule.

#### ENVIRONMENTAL SURCHARGE.

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 29-1 through 29-7 of the Tariff Schedule.

#### CAPACITY CHARGE.

Bills computed according to the rates set forth herein will be increased by a Capacity Charge Factor per KWH calculated in compliance with the Capacity Charge Tariff contained in Sheet No. 28-1 through 28-2 of this Tariff Schedule.

(Cont'd on Sheet No. 10-3)

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: Service Rendered On And After June 30, 2015

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of An Order By The Public Service Commission

In Case No. 2014-00396 Dated June 22, 2015

_	PUBLIC SERVICE COMMISSION
	JEFF R. DEROUEN
	EXECUTIVE DIRECTOR
	TARIFF BRANCH
	Bunt Kirtley
	EFFECTIVE
	6/30/2015
	PURSUANT TO 807 KAR 5/011 SECTION 9 (1)

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#### TARIFF I.G.S. (Industrial General Service)

#### KENTUCKY ECONOMIC DEVELOPMENT SURCHARGE.

Applicable to all customers. Bills computed according to the rates set forth herein shall be increased by a KEDS charge of \$0.15 per month and shall be shown on the customers' bills as a separate line item. The KEDS charge will be applied to all customer electric bills rendered during the billing cycles commencing July 2015 and continue until otherwise directed by the Public Service Commission.

#### DELAYED PAYMENT CHARGE.

Bills under this tariff are due and payable within fifteen (15) days of the mailing date. On all accounts not paid in full by the next billing date, an additional charge of 5% of the unpaid portion will be made.

#### **METERED VOLTAGE.**

The rates set forth in this tariff are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWII and KVA values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (1) Measurements taken at the low-side of a Customer-owned transformer will be multiplied by 1.01.
- (2) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

#### MONTHLY BILLING DEMAND.

The monthly on-peak and off-peak billing demands in KW shall be taken each month as the highest single 15-minute integrated peak in KW as registered by a demand meter during the on-peak and off-peak billing periods, respectively.

The reactive demand in KVARs shall be taken each month as the highest single 15-minute integrated peak in KVARs as registered during the month by a demand meter or indicator.

(Cont'd on Sheet No. 10-4)

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: Service Rendered On And After June 30, 2015

ISSUED BY: JOHN A. ROGNESS III TITLE: Director Regulatory Services

By Authority Of An Order By The Public Service Commission

In Case No. 2014-00396 Dated June 22, 2015

KENTUCKY PUBLIC SERVICE COMMISSION		
JEFF R. DEROUEN EXECUTIVE DIRECTOR		
TARIFF BRANCH		
Bunt Kirtley		
EFFECTIVE		
6/30/2015		
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)		

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Item 6

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# Page 25 of 27 Witness: Anthony Hammond

Item 6

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#### P.S.C. KY. NO. 10 ORIGINAL SHEET NO. 10-4 CANCELLING P.S.C. KY. NO. 10 \_\_\_\_\_ SHEET NO. 10-4

#### TARIFF I.G.S. (Industrial General Service)

#### **TERM OF CONTRACT.**

Contracts under this tariff will be made for an initial period of not less than two years and shall remain in effect thereafter until either party shall give at least 12 months' written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts for periods greater than two years.

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required.

#### CONTRACT CAPACITY

The Customer shall set forth the amount of capacity contracted for ("the contract capacity") in an amount equal to or greater than 1,000 KW in multiplies of 100 KW. The Company is not required to supply capacity in excess of such contract capacity except with express written consent of the Company.

#### SPECIAL TERMS AND CONDITIONS.

This tariff is subject to the Company's Terms and Conditions of Service.

This tariff is available for resale service to mining and industrial Customers who furnish service to Customer-owned camps or villages where living quarters are rented to employees and where the Customer purchases power at a single point for both the power and camp requirements.

This tariff is also available to Customers having other sources of energy supply, but who desire to purchase standby or back-up electric service from the Company. Where such conditions exist the Customer shall contract for the maximum amount of demand in KW which the Company might be required to furnish, but not less than 1,000 KW. The Company shall not be obligated to supply demands in excess of that contracted capacity. Where service is supplied under the provisions of this paragraph, the billing demand each month shall be the highest determined for the current and previous two billing periods, and the minimum charge shall be as set forth under paragraph "Minimum Charge" above.

A Customer's plant is considered as one or more buildings, which are served by a single electrical distribution system provided and operated by the Customer. When the size of the Customer's load necessitates the delivery of energy to the Customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the Customer's system irrespective of contrary provisions in Terms and Conditions of Service.

Customer with PURPA Section 210 qualifying cogeneration and/or small power production facilities shall take service under Tariff' COGEN/SPP II or by special agreement with the Company.

DATE OF ISSUE: July 10. 2015

DATE EFFECTIVE: Service Rendered On And After June 30, 2015

ISSUED BY: JOHN A. ROGNESS III

TITLE: Director Regulatory Services

By Authority Of An Order By The Public Service Commission

In Case No. 2014-00396 Dated June 22, 2015

KENTUCKY PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN EXECUTIVE DIRECTOR
TARIFF BRANCH
Brent Kirtley
EFFECTIVE
6/30/2015
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

From: Kenneth L Borders [mailto:klborders@aep.com]
Sent: Friday, August 11, 2017 3:03 PM
To: George Scienski
Subject: Kentucky Power - Question about station netting - Riverside Generation

Mr. Scienski,

Thank you for your letter dated June 27, 2017 that provided additional detail for Kentucky Power's consideration with respect to Riverside Generating Company LLC's request to terminate retail service under Tariff I.G.S. (Industrial General Service) and receive station power service directly from PJM under a remote self-supply arrangement. Because Riverside's units are located on a single site, a remote selfsupply arrangement is not available.

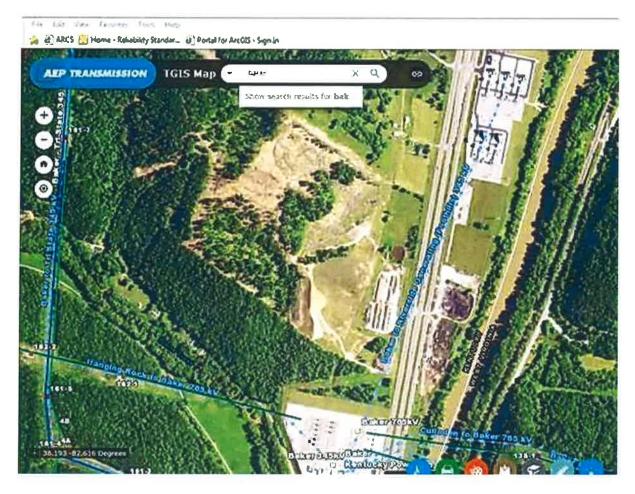
Although Riverside contends that "the Zelda site and the Foothills site may as well be located ten, twenty or even hundreds of miles from each other," the fact remains that they are not. The Riverside site is interconnected with Kentucky Power's grid at the Baker Substation and is served under a single retail billing account with Kentucky Power. An aerial photo demonstrating that Riverside's generating units are located on the same site connected to Kentucky Power's grid at the Baker Substation is attached as Exhibit A.

Further, separate identification and reporting at PJM is not sufficient to divide Riverside's single site into two separate sites. It is not uncommon for individual units of a multiple unit facility to be identified and reported separately at PJM, and this is often the case for a facility with multiple units that have been put in service at different times, as was the case with the Zelda and Foothills generators.

Because Riverside's Zelda and Foothills generators are located on the same site, they do not qualify for the remote self-supply provision of Kentucky Power's Tariff N.U.G (Non-Utility Generator). Accordingly, Kentucky Power will continue to bill Riverside's single retail billing account for the station power it receives under Tariff I.G.S.

Should you have additional questions or need additional information, please feel free to contact me.

# Ехнівіт А





KENNETH L BORDERS | CUSTOMER SVCS ENGINEER PRIN KLBORDERS@AEP.COM | D:606.929.1453 12333 KEVIN AVENUE, ASHLAND, KY 41102

Item 7 Page 1 of 2 Witness: Anthony Hammond

# Riverside Generating Company, L.L.C. Case No. 2017-00472 Commission Staff's First Request for Information

7. Refer to the Hammond Testimony, pages 6-7, regarding the physical location of the Zelda and Foothills generating stations. Provide an aerial photograph depicting the property lines of the two generating stations, the location of each of the generation station, and the transmission interconnection of each generation station to Kentucky Power's Baker Switchyard.

# **Response:**

Please see Page 2 of this Response.



# Item 7 Page 2 of 2 Witness: Anthony Hammond

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Item 8 Page 1 of 9 Witness: Anthony Hammond

# Riverside Generating Company, L.L.C. Case No. 2017-00472 Commission Staff's First Request for Information

8. Refer to the Hammond Testimony at page 7. Provide a copy of the Payment In Lieu of Taxes Agreements referenced in lines 5-7.

# **Response:**

Please see Page 2 through Page 9 of this Response.

#### **IN-LIEU OF TAX PAYMENTS AGREEMENT**

#### THIS IN-LIEU OF TAX PAYMENTS AGREEMENT (the "In-Lieu of

Agreement") made and entered into as of March 29, 2001, by and between the COUNTY OF LAWRENCE, KENTUCKY (the "Issuer"), a political subdivision, duly organized and validly existing under the laws of the Commonwealth of Kentucky and FOOTHILLS GENERATING, L.L.C., a Delaware limited liability company (the "Lessee").

# RECITALS

WHEREAS, the Issuer is assisting the Lessee in funding the acquisition, construction, installation and equipping of a power plant including related easements and rights of way located in Lawrence County, Kentucky (the "Project") through the issuance from time to time of up to three series of bonds, in the aggregate principal amount not to exceed \$160,000,000 and designated County of Lawrence, Kentucky Industrial Building Revenue Bonds, Series 2001A, Series 2001B and Series 2002A (Foothills Generating, L.L.C. Project) (the "Bonds"); and

WHEREAS, in connection with the issuance of the Bonds, the Project will be conveyed to the Issuer and leased back to the Lessee, resulting in the Project being exempt from real and personal property taxes which have been or could be levied in the future, including but not limited to taxes imposed by the Issuer and taxes imposed for and/or collected on the Issuer's behalf, including the ad valorem and franchise tax imposed on operating property under Section 136.120 of the Kentucky Revised Statutes (the "Taxes"). In turn, the Project will be subleased by the Lessee to Lawrence County Colped Trust; and

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WHEREAS, the Issuer and the Lessee wish to enter into this In-Lieu of Agreement under which the Lessee will make payments (the "In-Lieu of Payments") in-

NOW, THEREFORE, for and in consideration of the premises and mutual covenants and agreements contained herein, the parties agree as follows:

1. The Lessee will make the In-Lieu of Payments to the Issuer continuing annually for so long as the Bonds remain outstanding. The Lessee agrees to pay the Issuer NINETY THOUSAND DOLLARS (\$90,000) commencing with the tax year of the Issuer beginning on January 1, 2002, and continuing annually for so long as the Bonds remain outstanding.

2. Subject to the Lessee making In-Lieu of Payments, the Lessee shall not be liable for any additional Taxes in connection with the Project.

3. This In-Lieu of Agreement may be executed in any number of counterparts, each of which shall be regarded as an original and all of which shall constitute but one and the same instrument.

[The remainder of this page is left intentionally blank.

Signatures appear on the following page.]

DEC-12-2002

11:47

DEC-12-2002 11:48

IN WITNESS WHEREOF, the Issuer and the Lessee have caused this Agreement

to be duly executed as of the date hereinbefore written.

COUNTY OF LAWRENCE, KENTUCKY

By: David L. Compton Title: County Judge/Executive

ATTEST: By: Galli naac y

Title: <u>Clerk</u>

FOOTHILLS GENERATING, L.L.C.

Ву:	 
Name:	
Title:	

DY010:00DY5:164985:LOUISVILLE

#### **IN-LIEU OF TAX PAYMENTS AGREEMENT**

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Agreement") made and entered into as of March 29, 2001, by and between the COUNTY OF LAWRENCE, KENTUCKY (the "Issuer"), a political subdivision, duly organized and validly existing under the laws of the Commonwealth of Kentucky and FOOTHILLS GENERATING, L.L.C., a Delaware limited liability company (the "Lessee").

# RECITALS

WHEREAS, the Issuer is assisting the Lessee in funding the acquisition, construction, installation and equipping of a power plant including related easements and rights of way located in Lawrence County, Kentucky (the "Project") through the issuance from time to time of up to three series of bonds, in the aggregate principal amount not to exceed \$160,000,000 and designated County of Lawrence, Kentucky Industrial Building Revenue Bonds, Series 2001A, Series 2001B and Series 2002A (Foothills Generating, L.L.C. Project) (the "Bonds"); and

WHEREAS, in connection with the issuance of the Bonds, the Project will be conveyed to the Issuer and leased back to the Lessee, resulting in the Project being exempt from real and personal property taxes which have been or could be levied in the future, including but not limited to taxes imposed by the Issuer and taxes imposed for and/or collected on the Issuer's behalf, including the ad valorem and franchise tax imposed on operating property under Section 136.120 of the Kentucky Revised Statutes (the "Taxes"). In turn, the Project will be subleased by the Lessee to Lawrence County Colped Trust; and

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#### **IN-LIEU OF TAX PAYMENTS AGREEMENT**

THIS IN-LIEU OF TAX PAYMENTS AGREEMENT (the "In-Lieu of Agreement")

made and entered into as of March 10. 2000, by and between the COUNTY OF LAWRENCE, KENTUCKY (the "Issuer"), a political subdivision, duly organized and validly existing under the laws of the Commonwealth of Kentucky, and RIVERSIDE GENERATING COMPANY, L.L.C., a Delaware limited liability company (the "Company").

#### RECITALS

WHEREAS, the Issuer is assisting the Company in funding the acquisition, construction, installation and equipping of a power plant including related easements and rights of way located in Lawrence County, Kentucky (the "Project") through the issuance from time to time of up to three series of bonds, in the aggregate principal amount not to exceed \$210,000,000 and designated County of Lawrence, Kentucky Industrial Building Revenue Bonds, Series 2000A, Series 2000B and Series 2001A (Riverside Generating Company, L.L.C. Project) (the "Bonds"); and

WHEREAS, in connection with the issuance of the Bonds the Project will be conveyed to the Issuer and leased back to Gene A. Wilson and Pauletta M. Wilson (collectively, the "Lessee"), removing the Project from the Issuer's ad valorem real estate and personal property taxes (the "Taxes"). In turn, the Project will be subleased by the Lessee to Lawrence County Riverside Trust 2000 and sub-subleased to the Company; and

WHEREAS, the Issuer and the Company wish to enter into this In-Lieu of Agreement under which the Company will make payments (the "In-Lieu of Payments") in-lieu of ad valorem real estate and personal property taxes (the "Taxes") in an annual amount of NINETY THOUSAND DOLLARS (\$90,000).

NOW, THEREFORE, for and in consideration of the premises and mutual covenants and agreements contained herein, the parties agree as follows:

1. The Company will make the In-Lieu of Payments to the Issuer continuing annually for so long as the Bonds remain outstanding. The Company agrees to pay the Issuer NINETY THOUSAND DOLLARS (\$90,000) commencing with the tax year of the Issuer beginning on January 1, 2000, and continuing annually for so long as the Bonds remain outstanding.

2. Subject to the Company making In-Lieu of Payments, the Company shall not be liable for any additional Taxes in connection with the Project.

3. This Agreement may be executed in any number of counterparts, each of which shall be regarded as an original and all of which shall constitute but one and the same instrument.

[The remainder of this page is left intentionally blank.

Signatures appear on the following page.]

Item 8 Page 8 of 9 Witness: Anthony Hammond

# IN WITNESS WHEREOF, the Issuer and the Company have caused this

Agreement to be duly executed as of the date hereinbefore written.

RIVERSIDE GENERATING COMPANY, L.L.C.

RE By: Grestry D.' Kingslay Title: Assistent Treesurer

ATTEST:

By Rath Dovid R.

Title ASSISTANT Secretary

# COUNTY OF LAWRENCE, KENTUCKY

Ву:\_\_\_\_\_

Title:

Item 8 Page 9 of 9 Witness: Anthony Hammond

# IN WITNESS WHEREOF, the Issuer and the Company have caused this

Agreement to be duly executed as of the date hereinbefore written.

RIVERSIDE GENERATING COMPANY, L.L.C.

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

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

ATTEST: Tallio Isaac By: -

Title Lawrence County Clerk

COUNTY OF LAWRENCE, KENTUCKY

By: Daved X Constan

Title: County Judge/Executive

# Riverside Generating Company, L.L.C. Case No. 2017-00472 Commission Staff's First Request for Information

- 9. Refer to the Hammond Testimony at page 7, lines 13-15 which state, "As a result, Riverside should be permitted to self-supply its Station Power in accordance with the PJM OATT, and thus cease satisfying all of its electric needs with the retail purchases from Kentucky Power."
  - a. If Riverside is permitted to self-supply its station power, explain why it needs to remain a customer of Kentucky Power.
  - b. State the amount Riverside would have been billed by Kentucky Power for service for calendar year 2017 if it had been permitted to self-supply its station power.

# **Response:**

- a. Consistent with Kentucky Power's Tariff N.U.G., Riverside believes it is entitled to take service under the terms and conditions contained within PJM's OATT. Riverside further believes that Kentucky Power, as the relevant electric distribution company and owner of the relevant meters and facilities, will be involved in the station power settlement process that is contemplated by PJM's OATT and the self-supply/netting construct. Riverside would expect its relationship to Kentucky Power and any charges it may owe PJM and/or Kentucky Power to be elucidated when establishing the station power settlement process with respect to the Zelda and Foothills sites.
- b. Under the terms of Tariff N.U.G., if Riverside had been permitted to self-supply its station power it would have taken service under the terms and conditions contained within PJM'S OATT. While the specific details of the station power settlement process in this hypothetical are unknown, Riverside would generally expect a net zero settlement for the sites unless generation was insufficient to offset consumption.

# Riverside Generating Company, L.L.C. Case No. 2017-00472 Commission Staff's First Request for Information

10. Refer to the Complaint filed by Riverside on December 13, 2017, page 3. Explain whether the revisions made by Kentucky Power to its Tariff N.U.G. as discussed in the footnote on this page is relevant to Riverside's complaint. If yes, explain.

# **Response:**

The revisions made by Kentucky Power to its Tariff N.U.G. were ostensibly proposed to change the scope of the tariff's applicability, and in particular to narrow the universe of non-utility generators capable of remotely self-supplying start-up and station power under the tariff's terms. Because the Foothills site and Zelda site are "owned by the same individual business entity," Kentucky Power's recent revisions to Tariff N.U.G. should not impact this case; however, those changes are relevant to Riverside's operations and strategy and underscore the need for Kentucky Power to have tariff terms in place that are both reasonable and reasonably understood.

# **COMMONWEALTH OF KENTUCKY**

#### **BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

RIVERSIDE GENERATING COMPANY, L.L.C.

v.

Case No. 2017-00472

KENTUCKY POWER COMPANY

# VERIFICATION OF ANTHONY HAMMOND

STATE OF COUNTY O

Anthony Hammond, Vice President of Riverside Generating Company, L.L.C., being duly sworn, states that he has supervised the preparation of Riverside's Response to Commission Staff's First Request for Information in the above-referenced matter and that the matters and things set for in the Response are true and accurate to the best of his knowledge, information, and belief formed after a reasonable inquiry.

Anthony Hammond

The foregoing Verification was signed, acknowledged and sworn to before me this  $\frac{1}{2}$  day of April, 2018, by Anthony Hammond

Commission expiration:

NOTARY PUBLIC, Notary #