



Vectren Corporation

One Vectren Square

Evansville, IN 47708

February 27, 2015

Brenda A. Howe  
Secretary to the Commission  
Indiana Utility Regulatory Commission  
PNC Center  
101 W. Washington Street, Suite 1500 East  
Indianapolis, IN 46204

RE: Southern Indiana Gas and Electric Company (SIGECO) 30-Day Filing for Rate CSP

Dear Ms. Howe:

This filing is being made on behalf of Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. ("Company") under the Commission's Thirty-Day Administrative Filing Procedures and Guidelines ("Guidelines") in compliance with Commission's Rules and Regulations with respect to Cogeneration and Alternative Energy Production Facilities. Enclosed is the proposed tariff sheet covering rates for purchase of energy and capacity as required by 170 IAC 4-4.1-8, 170 IAC 4-4.1-9, and 170 IAC 4-4.1-10, and the supporting data for the rates and rate filing as required by 170 IAC 4-4.1-4.

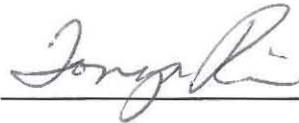
The Company's filing is an allowable filing under 170 IAC 1-6-3 because the proposal is a filing for which the Commission has already approved or accepted the procedure for the change.

Proof of Publication of the legal notice for this filing from the *Evansville Courier & Press*, a newspaper of general circulation in Vanderburgh County that has a circulation encompassing the highest number of the Company's customers affected by the filing, is included. The Company also affirms that the notice has been posted on its website. The Company does not have a local customer service office in which to post the notice.

Any questions concerning this submission should be directed to Shawn M. Kelly by using the following contact information:

Shawn M. Kelly  
Director, Regulatory Affairs  
One Vectren Square  
211 N.W. Riverside Drive  
Evansville, IN 47708  
Tel.: 812.491.4759  
Fax: 812.491.4138  
Email: [skelly@vectren.com](mailto:skelly@vectren.com)

Sincerely,

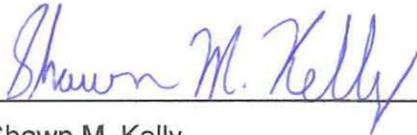
A handwritten signature in cursive script, appearing to read "Tonya Rine", is written over a solid horizontal line.

Tonya Rine  
Senior Rate Analyst

Enclosures  
cc: A. David Stippler  
Indiana Office of Utility Consumer Counselor (w/ encl.)

**VERIFICATION**

The undersigned, Shawn M. Kelly, being duly sworn, under penalty of perjury affirms that the affected customers of the Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. Rate CSP filing have been notified by publication in the *Evansville Courier & Press*, as required by 170 IAC 1-6-6. A copy of said legal notice of publication is enclosed.

  
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Shawn M. Kelly

Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren  
South)  
Tariff for Electric Service  
I.U.R.C. No. E-13

Sheet No. 79  
Fourth Revised Page 2 of 4  
Cancels Third Revised Page 2 of 4

**RATE CSP**  
**COGENERATION AND SMALL POWER PRODUCTION**

(Continued)

**Capacity Component**

There shall be demand credit paid to qualifying facilities who can enter into a contract with Company to provide firm capacity for specified term. Capacity payments are expressed on a dollars per Kilowatt per month basis in Table 1 of this schedule.

The monthly capacity payment shall be adjusted by the following factor:

$$F = \frac{E_p}{(K)(T_p)}$$

Where:

F = Capacity payment adjustment factor

E<sub>p</sub> = Kilowatt-hours delivered to Company by the qualifying facility during the peak period defined as the hours of 6:00 A.M. to 10:00 P.M. during weekdays, excluding holidays.

K = Kilowatts of capacity the qualifying facility contracts to provide.

T<sub>p</sub> = Number of hours in the peak period.

Company and a qualifying facility may negotiate a rate for energy or capacity which differs from the filed Rate CSP.

**Table 1**

**ENERGY PAYMENT TO A QUALIFYING FACILITY**<sup>(1)</sup>

Annual On-Peak	=	\$0.04516/kWh
Annual Off-Peak	=	\$0.03061/kWh

**CAPACITY PAYMENT TO A QUALIFYING FACILITY**

\$4.71 per kW Per Month

<sup>(1)</sup> On-Peak hours = 6:00 A.M.– 10:00 P.M. weekdays  
Off-Peak hours = All other hours, including weekends and designated holidays

Southern Indiana Gas and Electric Company D/B/A  
Vectren Energy Delivery of Indiana, Inc. (Vectren  
South)  
Tariff for Electric Service  
I.U.R.C. No. E-13

Sheet No. 79

~~Third~~Fourth Revised Page 2 of 4

Cancels ~~Second~~Third Revised Page 2 of 4

**RATE CSP**  
**COGENERATION AND SMALL POWER PRODUCTION**

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**Table 1**

**ENERGY PAYMENT TO A QUALIFYING FACILITY**<sup>(1)</sup>

Annual On-Peak	=	\$0. <del>0418204516</del>	/kWh
Annual Off-Peak	=	\$0. <del>0314503061</del>	/kWh

**CAPACITY PAYMENT TO A QUALIFYING FACILITY**

\$~~4.764.71~~ per kW Per Month

<sup>(1)</sup> On-Peak hours = 6:00 A.M.– 10:00 P.M. weekdays  
Off-Peak hours = All other hours, including weekends and designated holidays

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**

**CALCULATION OF PRESENT VALUE  
 OF CARRYING CHARGES  
 YEAR 2015**

**Formulas:**

Carrying Charge = cc,  
 cc = r + d + I + P + T, where  
 T = Income Tax, and  
 $T = (t/l - t) (r + d - D) (r - bL) / r$

**Inputs:**

r	=	Cost of Capital	=	8.07%
d	=	Sinking fund depreciation rate [ (r) / ((1 + r)^n - 1) ]	=	0.87%
n	=	Service life (years)	=	30
I	=	Insurance cost rate (\$896,264 ÷ \$2,551,811,159)	=	0.04%
P	=	Property tax rate (\$9,067,883 ÷ \$2,551,811,159)	=	0.36%
D	=	Book depreciation rate (30 year life - per EPRI "TAG")	=	3.33%
t	=	Income tax rate (composite) (35% Federal, 7.25% State)	=	39.3875%
b	=	Debt interest cost rate	=	5.09%
L	=	Debt capital structure ratio	=	43.83%

**Carrying Charge**

T	=	2.64%
cc	=	<b>11.98%</b> (r + d + I + P + T)

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**

**CALCULATION OF COGENERATION RATE  
 FOR PURCHASE OF CAPACITY  
 YEAR 2015**

**Formula per 170 IAC 4-4.1-9:**

$$C = \frac{1}{12} \left[ DV \left[ \frac{1 - \frac{1+ip}{1+r}}{1 - \left(\frac{1+ip}{1+r}\right)^n} \right] (1+ip)^{t-1} + O \left( \frac{1+io}{1+r} \right) (1+io)^{t-1} \right] \div \left( 1 - \frac{L}{2} \right)$$

$$Ca = C \left( \left( (1+ip) \div (1+r) \right)^{(Yi-Yc)} \right)$$

**Inputs:**

- D =  $\frac{(cc)(1+r)^n - 1}{(r)(1+r)^n} = (cc) * 11.4662 = 1.3737$
- cc = 11.98% (See Carrying Charge calculation)
- V = \$837/ kW (See Burns & McDonnell Technical Assessment –Prototypes – Alternative Technology Options, (including gas pipeline work and excl. AFUDC) inflated to 2018.
- ip = 6.7% (Growth Rate in Handy Whitman Cost Index for Gas Turbogenerators)
- io = 3.2% (Growth Rate in Producer Price Index for Finished Goods)
- r = 8.07% (See Cost of New Capital)
- O = \$12.18 / kW (Estimated Operating Cost for 2018)
- L = 4.24% (2013 FERC Form 1 data)  
(266,143 ÷ 6,273,069)
- t = 1
- n = 30 years (EPRI - TAG 1993)

Yi = 2018 (In service date of turbine)  
Yc = 2015 (Current Year)

**Rate:**

C = Unadjusted Capacity Payment = **\$4.89** per kW per month for year 2018

Ca = Adjusted Capacity Payment = **\$4.71** per kW per month for year 2015

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**

**ESTIMATED CAPACITY CAPITAL COST  
YEAR 2015**

**Basis of Cost**

Based on SIGECO generic 213 MW simple cycle turbine.

**Capacity Cost**

Cost per kW (2018 \$)

=\$837/kW

## SOUTHERN INDIANA GAS & ELECTRIC COMPANY

### CALCULATIONS OF COGENERATION RATE FOR PURCHASE OF ENERGY YEAR 2015

#### **Basis of Calculation:**

The system's energy cost was derived utilizing a production cost simulation model for the estimated 2015 system loads. NewEnergy Strategist dispatches the system on a monthly basis using load duration curves derived from a typical historical year of hourly loads. The avoided values, which reflect a small load change, are used in this calculation.

#### **Energy Rate:**

##### Values from dispatch model:

Annual On-Peak avoided cost <sup>(1)</sup> = \$0.04420 /kWh  
Annual Off-Peak avoided cost = \$0.02996 /kWh

##### Adjustment for losses <sup>(2)</sup>

$\frac{1}{(1 - (0.042426/2))}$  = 1.02167

##### Adjusted Energy Rates

Annual On-Peak avoided cost = \$0.04516 /kWh  
Annual Off-Peak avoided cost = \$0.03061 /kWh

#### Notes:

- <sup>(1)</sup> On-Peak hours = 6 am – 10 pm, weekdays  
Off-Peak hours = All other hours, including weekends and designated holidays  
<sup>(2)</sup> Energy losses from 2013 FERC Form 1, page 401a.

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**

**CALCULATION OF COST OF NEW CAPITAL  
YEAR 2015**

<u>Item</u>	<u>Capital Structure</u> <sup>(1)</sup>	<u>Cost Rate</u> <sup>(1)</sup>	<u>Composite Rate</u>
Debt	43.83%	5.09%	2.23%
Preferred Stock	0.00%	0.00%	0.00%
Common Equity	<u>56.17%</u>	10.40%	<u>5.84%</u>
	100.00%		8.07%

Notes: <sup>(1)</sup> Capital structure and cost rates as of December 31, 2014. Common equity cost rate from Order in Cause No. 43839, page 32.

**Southern Indiana Gas & Electric Company**

**Weighted  
Cost of Capital  
Year 2015**

<b>Item</b>	<b>Capital Structure</b>	<b>Cost Rate</b>	<b>Composite Cost</b>	
Debt	43.83%	5.09%	2.23%	Balance 12-31-14
Preferred Stock	0.00%	0.00%	0.00%	Balance 12-31-14
Common Equity	<u>56.17%</u>	10.40%	<u>5.84%</u>	Rate Per Order in Cause No. 43839
	100.00%		8.07%	

**Inputs:**

r	=	Cost of capital	8.07%
d	=	Sinking fund depreciation rate $[(r) / ((1+r)^n - 1)]$	0.87%
n	=	Service life (years)	30
l	=	Insurance cost rate (\$896264/\$2551811159)	0.04% 2013 FERC 1 page 323, line 185 / page 200, line 13
P	=	Property tax rate (\$9067883/\$2551811159)	0.36% 2013 FERC 1 page 263, line 9 / page 200, line 13
D	=	Book depreciation rate (30 year life - per EPRI "TAG")	3.33%
t	=	Income tax rate (composite) (35% Federal, 7.25% State)	39.3875%
b	=	Debt interest cost rate	5.09%
L	=	Debt capital structure ratio	43.83%

**Carrying Charge**

T	=	2.64%	
cc	=	<b>11.98%</b>	$(r + d + l + P + T)$

**Southern Indiana Gas & Electric Company**

**Calculation of Cogeneration Rate  
For Purchase of Capacity  
Year 2015**

C	=	Unadjusted monthly capacity payment per-kilowatt of contracted capacity year of completion of unit.	4.89	Unadjusted Capacity Rate
Ca	=	$C * (((1 + Ip)/(1 + r))^{(Yi-Yc)})$	<b>4.71</b>	Adjusted Capacity Rate
D	=	Present value of carrying charges for one dollar of investment over n years with carrying charges assumed to be paid at end of each year. $(1+r)^{(n-1)}/r(1+r)^n$	(cc)* 11.4662 =	1.3737
cc			11.98%	
V	=	Investment amount in year of completion, including allowance for funds used during construction, of the avoidable or deferrable unit, stated on a per-kilowatt basis and including rated share of common costs.	837	2014 inflated to 2018 level
n	=	Expected life of the avoidable or deferrable unit.	30	
ip	=	Annual escalation rate associated with the avoidable or deferrable unit.	6.7%	From Handy Whitman
io	=	Annual escalation rate associated with the operation and maintenance expenses, less fuel and fuel-related expenses, of the avoidable or deferrable unit.	3.2%	From Producer Price Index
r	=	Purchasing utility's after tax cost of capital.	8.07%	
O	=	Expected total fixed and variable yearly operating and maintenance expenses, less fuel and fuel-related expenses, in expected first year of avoidable or deferrable unit's operation stated on a per-kilowatt basis	12.18	2014 IRP inflated to 2018 level
L	=	Line losses, expressed as a percentage, for the previous year. (266143/6273069)	4.24%	2012 FERC 1 Page 401a, line 27/ line 28
t	=	Contract term in years, with t = 1 to t.	1	
Yi	=	In service date of the avoidable or deferrable unit	2018	
Yc	=	Current Year	2015	

Escalated Capital Cost
<b>212.8</b>

**Capability, MW (nominal)**

**Fixed O&M, \$/kW-yr** 7.42  
 \$/yr 1,578,976

**Variable O&M, \$/MWh** \$ 3.92

MW (Technical Assessment)	212.8
hours in a year	8760
Capacity Factor (Assumption)	0.08
MWH (MW*Yearly Hours* CF)	149,130.24
Maintenance Cost per Start (TA)	\$ 15,000.00
Starts (Assumption)	30
(Maintenance Cost per start*Starts)	\$ 450,000.00
\$/MWH	\$ 3.02
\$/MWH (Tech. Assessment Variable O&M)	\$ 0.90
Total Variable O&M (\$/MWH)	\$ 3.92

<b>Total O&amp;M, \$/kW</b>	<b>11.34</b>
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**Capital Cost Estimate (2014 \$)**

<b>\$/kW</b>	<b>779</b>
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[1] Source: Generation Technology Assessment SCGT F- Class (October 2013)

<b>Total O &amp; M \$/kW 2015</b>	\$	11.54
	\$	11.75
	\$	11.96
	\$	12.18 =O

<b>capital cost estimate 2015</b>	793
	807
	822
	837 =V

<p><b>1.018</b>          Inflation Factor of 1.018 per EIA          Annual Energy Outlook 2014 Early Release, Table A20</p>
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**Southern Indiana Gas & Electric Company  
 Compound Growth Rate of  
 Handy-Whitman Cost Index for Gas Turbogenerators**

Year	Year Index	Handy-Whitman Index	Annual Growth Rate	y = Year Index	x = LN (H-W Index)
2002	1	418		1	6.03548
2003	2	437	0.04545	2	6.07993
2004	3	428	(0.02059)	3	6.05912
2005	4	420	(0.01869)	4	6.04025
2006	5	435	0.03571	5	6.07535
2007	6	511	0.17471	6	6.23637
2008	7	581	0.13699	7	6.36475
2009	8	619	0.06540	8	6.42811
2010	9	680	0.09855	9	6.52209
2011	10	683	0.00441	10	6.52649
2012	11	757	0.10835	11	6.62936
2013	12	797	0.05284	12	6.68085
2014	13	816	0.02384	13	6.70441

Log-Linear Growth 0.06507

Compound Growth Rate (Exponential of Log-Linear Growth)  
 Stated as percentage 0.06723  
6.7%

**Southern Indiana Gas & Electric Company  
 Compound Growth Rate of  
 Producer Price Index**

Year	Year Index	Producer Price Finished Goods Index	Annual Growth Rate	y = Year Index	x = LN (H-W Index)
2002	1	138.9		1	4.93375
2003	2	143.3	0.03168	2	4.96494
2004	3	148.5	0.03629	3	5.00058
2005	4	155.7	0.04848	4	5.04793
2006	5	160.4	0.03019	5	5.07767
2007	6	166.6	0.03865	6	5.11560
2008	7	177.1	0.06303	7	5.17671
2009	8	172.5	(0.02597)	8	5.15040
2010	9	179.8	0.04232	9	5.19185
2011	10	190.5	0.05951	10	5.24965
2012	11	194.2	0.01942	11	5.26889
2013	12	196.6	0.01236	12	5.28117
2014	13	200.4	0.01933	13	5.30032

Log-Linear Growth 0.03144

Compound Growth Rate (Exponential of Log-Linear Growth)  
 Stated as percentage 0.03194  
3.2%

Based on Burns & McDonnell Tech Assessment - October 2013

month	Data	
	Average of onpk	Average of offpk
Mar-15	47.09	31.89
Apr-15	39.84	32.79
May-15	42.1	29.93
Jun-15	45.46	28.91
Jul-15	45.59	27.53
Aug-15	44.73	27
Sep-15	41.26	26.14
Oct-15	41.75	28.29
Nov-15	40.28	29.6
Dec-15	40.53	33.12
Jan-16	51.53	31.75
Feb-16	50.25	32.59
12 month average	44.20	29.96

ferc 1 line losses 4.24%  
 Adjusted for losses 1.02167

	On peak \$/MWh	Off-Peak \$/MWh
<b>Adjusted Energy Rates</b>	<b>45.15867</b>	<b>30.61094</b>

<b>\$ per kWh</b>	<b>\$ 0.04516</b>	<b>\$ 0.03061</b>
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Received: February 27, 2015

IURC 30-Day Filing No.: 3322

Name of Respondent  
 Indiana Utility Regulatory Commission (Unofficial)  
 Southern Indiana Gas and Electric Company

This Report Is:  
 An Original  
 A Resubmission  
 (2)

Date of Report  
 (Mo, Da, Yr)  
 04/18/2014

Year/Period of Report  
 End of 2013/Q4

2015  
 05/ Filing

ELECTRIC ENERGY ACCOUNT

Report below the information called for concerning the disposition of electric energy generated, purchased, exchanged and wheeled during the year.

Line No.	Item (a)	MegaWatt Hours (b)	Line No.	Item (a)	MegaWatt Hours (b)
1	SOURCES OF ENERGY		21	DISPOSITION OF ENERGY	
2	Generation (Excluding Station Use):		22	Sales to Ultimate Consumers (Including Interdepartmental Sales)	5,479,109
3	Steam	5,233,094	23	Requirements Sales for Resale (See instruction 4, page 311.)	61,043
4	Nuclear		24	Non-Requirements Sales for Resale (See instruction 4, page 311.)	453,325
5	Hydro-Conventional		25	Energy Furnished Without Charge	
6	Hydro-Pumped Storage		26	Energy Used by the Company (Electric Dept Only, Excluding Station Use)	13,449
7	Other	46,116	27	Total Energy Losses	266,143
8	Less Energy for Pumping		28	TOTAL (Enter Total of Lines 22 Through 27) (MUST EQUAL LINE 20)	6,273,069
9	Net Generation (Enter Total of lines 3 through 8)	5,279,210			
10	Purchases	900,907			
11	Power Exchanges:				
12	Received	4,298,094			
13	Delivered	4,205,142			
14	Net Exchanges (Line 12 minus line 13)	92,952			
15	Transmission For Other (Wheeling)				
16	Received				
17	Delivered				
18	Net Transmission for Other (Line 16 minus line 17)				
19	Transmission By Others Losses				
20	TOTAL (Enter Total of lines 9, 10, 14, 18 and 19)	6,273,069			

COST TRENDS OF ELECTRIC UTILITY CONSTRUCTION

NORTH CENTRAL REGION (1973=100)

L i n e	CONSTRUCTION AND EQUIPMENT	F E R C	COST INDEX NUMBERS						COST INDEX NUMBERS								
			2008		2009		2010		2011		2012		2013		2014		###
			Jan. 1	Jul. 1	Jan. 1	Jul. 1	Jan. 1	Jul. 1	Jan. 1	Jul. 1	Jan. 1	Jul. 1	Jan. 1	Jul. 1	Jan. 1	Jul. 1	Jan. 1
1	Total Plant-All Steam Generation		561	580	585	564	579	587	599	616	622	628	650	641	648	657	
2	Total Plant-All Steam & Nuclear Gen.		559	578	583	561	577	585	597	614	620	626	648	639	646	655	
3	Total Plant-All Steam & Hydro Gen.		559	578	583	561	577	585	597	613	620	625	647	639	645	654	
4																	
5	<b>Steam Production Plant</b>																
6	Total Steam Production Plant		547	576	570	554	566	577	586	602	614	616	647	624	628	640	
7	Structures & Improvements-Indoor	311	501	530	532	518	528	535	547	561	574	578	596	587	597	608	
8	Structures & Improvements-Semi-Outdoor	311	501	513	514	490	495	498	509	512	523	527	535	534	544	545	
9	Boiler Plant Equipment-Coal Fired	312	557	585	591	577	589	597	607	625	636	639	669	645	647	662	
10	Boiler Plant Equipment-Gas Fired	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Boiler Plant Piping Installed		491	530	545	529	538	550	564	578	597	601	612	603	611	617	
12	Turbogenerator Units	314	513	559	514	489	502	525	525	547	551	547	596	551	550	562	
13	Accessory Electrical Equipment	315	719	744	774	793	812	828	855	883	917	938	971	973	987	1010	
14	Misc. Power Plant Equipment	316	555	593	595	587	597	603	620	632	652	660	675	670	669	683	
15																	
16	<b>Nuclear Production Plant</b>																
17	Total Nuclear Production Plant		502	530	521	510	521	532	539	557	565	568	606	575	580	590	
18	Structures & Improvements	321	447	462	462	455	461	466	471	478	487	493	509	499	508	512	
19	Reactor Plant Equipment	322	489	518	512	502	513	521	530	549	554	556	603	562	566	576	
20																	
21	<b>Hydro Production Plant</b>																
22	Total Hydraulic Production Plant		454	471	469	461	467	475	483	488	498	500	518	507	513	518	
23	Structures & Improvements	331	501	530	532	518	528	535	547	561	574	578	596	587	597	608	
24	Reservoirs, Dams & Waterways	332	439	446	447	441	445	449	462	464	476	481	487	488	495	500	
25	Water Wheels, Turbines & Generators	333	455	493	481	469	478	496	491	499	501	494	542	498	499	499	
26																	
27	<b>Other Production Plant</b>																
28	Total Other Production Plant		582	603	620	655	675	688	681	702	751	768	790	791	808	824	
29	Fuel Holders, Producers & Accessories	342	512	548	554	537	541	540	554	563	582	587	596	590	606	615	
30	Gas Turbogenerators	344	581	602	619	659	680	693	683	704	757	775	797	798	816	832	
31																	
32	<b>Transmission Plant</b>																
33	Total Transmission Plant		603	631	640	591	617	619	631	650	646	653	667	666	673	680	
34	Station Equipment	353	604	627	640	641	658	665	682	699	709	718	736	728	735	746	
35	Towers & Fixtures	354	513	515	523	500	506	506	524	525	541	543	558	549	560	562	
36	Poles & Fixtures	355	561	570	583	587	596	574	581	584	588	591	595	598	591	593	
37	Overhead Conductors & Devices	356	753	828	831	580	669	677	662	725	650	658	673	690	691	698	
38	Underground Conduit	357	494	527	536	519	520	526	540	544	566	568	569	567	591	588	
39	Underground Conductors & Devices	358	790	828	829	840	836	828	893	897	906	937	948	970	997	1008	
40																	
41	<b>Distribution Plant</b>																
42	Total Distribution Plant		563	562	581	567	583	591	606	621	627	637	649	659	670	676	
43	Station Equipment	362	573	595	606	608	629	637	653	662	669	677	679	683	693	696	
44	Poles, Towers & Fixtures	364	511	525	537	538	547	545	548	552	558	562	567	570	568	569	
45	Overhead Conductors & Devices	365	670	715	725	612	666	679	690	732	699	710	729	744	757	770	
46	Underground Conduit	366	487	495	509	507	501	504	517	518	537	539	541	542	556	555	
47	Underground Conductors & Devices	367	554	586	647	639	593	600	638	652	684	708	694	722	715	728	
48	Line Transformers	368	602	506	532	555	581	606	620	638	658	673	714	731	770	787	
49	Pad Mounted Transformers	368	642	759	728	665	668	646	650	706	708	708	710	688	691	674	
50	Services-Overhead	369	475	485	491	457	477	484	510	528	509	511	515	517	529	537	
51	Services-Underground	369	349	350	325	327	328	350	390	408	429	448	454	456	453	411	
52	Meters Installed	370	330	332	334	334	346	347	340	338	334	337	341	343	349	350	
53	Street Lighting-Overhead	373	641	672	738	751	771	719	732	755	766	781	775	783	743	744	
54	Mast Arms & Luminaires Installed	373	576	587	709	705	714	728	733	748	769	788	772	788	701	704	
55	Street Lighting-Underground	373	671	708	766	784	809	735	751	777	788	802	798	806	776	775	
56																	

Indicators	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Growth Rate (2012-2040)
<b>Real Gross Domestic Product</b>	13299	13593	13843	14232	14693	15154	15589	15987	16378	16753	17113	2.40%
<b>Real Consumption</b>	9429	9603	9807	10039	10288	10573	10865	11126	11366	11592	11811	2.20%
<b>Real Investment</b>	1744	1914	2050	2220	2446	2594	2682	2748	2816	2876	2929	3.40%
<b>Real Government Spending</b>	2524	2481	2412	2420	2415	2414	2420	2428	2435	2443	2445	0.60%
<b>Real Exports</b>	1777	1837	1875	1964	2080	2228	2379	2535	2698	2863	3038	5.50%
<b>Real Imports</b>	2185	2238	2281	2380	2487	2593	2687	2772	2850	2925	3004	3.80%
<b>Energy Intensity</b> (thousand Btu per 2005 dollar of GDP)												
<b>Delivered Energy</b>	5.29	5.08	5.09	4.95	4.85	4.76	4.67	4.57	4.48	4.40	4.32	-2.00%
<b>Total Energy</b>	7.30	6.99	6.97	6.79	6.65	6.50	6.37	6.25	6.13	6.01	5.91	-2.00%
<b>Price Indices (Inflated at 1.018)</b>				1.214	1.233	1.252	1.27	1.29	1.31	1.33	1.352	
<b>GDP Chain-type Price Index (2005=1.000)</b>	1.13	1.15	1.17	1.19	1.21	1.23	1.25	1.27	1.29	1.31	1.33	1.80%
<b>Consumer Price Index (1982-84=1.00)</b>												
<b>All-urban</b>	2.25	2.30	2.33	2.37	2.41	2.45	2.49	2.53	2.58	2.63	2.68	2.10%
<b>Energy Commodities and Services</b>	2.44	2.46	2.38	2.37	2.34	2.34	2.37	2.43	2.49	2.55	2.62	2.20%
<b>Wholesale Price Index (1982=1.00)</b>												
<b>All Commodities</b>	2.01	2.02	2.05	2.07	2.08	2.11	2.13	2.16	2.19	2.22	2.25	1.70%
<b>Fuel and Power</b>	2.16	2.12	2.16	2.17	2.14	2.17	2.22	2.30	2.38	2.42	2.49	2.90%
<b>Metals and Metal Products</b>	2.26	2.20	2.19	2.24	2.31	2.35	2.37	2.39	2.41	2.43	2.45	1.40%
<b>Industrial Commodities excluding Energy</b>	1.93	1.94	1.97	2.00	2.03	2.06	2.08	2.10	2.12	2.14	2.16	1.30%
<b>Interest Rates (percent, nominal)</b>												
<b>Federal Funds Rate</b>	0.10	0.14	0.15	0.20	0.12	1.53	3.46	3.93	3.90	3.85	3.88	--
<b>10-Year Treasury Note</b>	2.79	1.80	1.89	2.54	2.90	3.56	4.03	4.16	4.15	4.14	4.18	--
<b>AA Utility Bond Rate</b>	4.78	3.83	4.02	4.92	5.10	5.75	6.39	6.58	6.60	6.60	6.64	--
<b>Value of Shipments (billion 2005 dollars)</b>												
<b>Service Sectors</b>	21240	21359	21699	22224	22873	23556	24250	24878	25475	26033	26593	2.00%
<b>Total Industrial</b>	5926	6147	6344	6616	7014	7341	7541	7683	7814	7960	8112	2.10%
<b>Agriculture, Mining, and Construction</b>	1556	1623	1711	1846	2011	2122	2163	2187	2210	2226	2229	1.60%
<b>Manufacturing</b>	4370	4525	4632	4770	5003	5218	5378	5497	5605	5735	5882	2.30%
<b>Energy-Intensive</b>	1599	1616	1637	1673	1730	1779	1826	1860	1896	1931	1965	1.30%
<b>Non-Energy-Intensive</b>	2772	2909	2995	3097	3273	3439	3553	3636	3709	3803	3917	2.70%
<b>Total Shipments</b>	27166	27506	28043	28840	29887	30896	31792	32562	33289	33994	34705	2.00%
<b>Population and Employment (millions)</b>												
<b>Population, with Armed Forces Overseas</b>	312.3	314.6	317.0	319.5	321.9	324.4	326.9	329.4	332.0	334.5	337.0	0.70%
<b>Population, aged 16 and over</b>	247.0	249.2	251.4	253.6	255.9	258.1	260.3	262.4	264.6	266.7	268.8	0.80%
<b>Population, over age 65</b>	41.7	43.4	44.9	46.4	47.9	49.5	51.0	52.7	54.4	56.2	58.0	2.20%
<b>Employment, Nonfarm</b>	131.5	133.7	135.7	137.9	140.5	143.1	145.2	146.5	147.5	148.4	148.9	0.80%
<b>Employment, Manufacturing</b>	11.7	11.9	12.0	12.1	12.4	12.7	12.8	12.8	12.8	12.8	12.9	-0.30%
<b>Key Labor Indicators</b>												
<b>Labor Force (millions)</b>	153.6	155.0	155.8	157.3	158.6	159.8	161.0	162.0	162.8	163.5	164.3	0.60%
<b>Nonfarm Labor Productivity (2005=1.00)</b>	1.10	1.11	1.12	1.13	1.14	1.16	1.18	1.20	1.22	1.25	1.27	1.80%
<b>Unemployment Rate (percent)</b>	8.93	8.08	7.61	7.21	6.64	6.12	5.80	5.63	5.55	5.49	5.45	--
<b>Key Indicators for Energy Demand</b>												
<b>Real Disposable Personal Income</b>	10150	10304	10408	10755	11093	11446	11826	12135	12429	12710	12953	2.30%
<b>Housing Starts (millions)</b>	0.66	0.84	1.05	1.31	1.68	1.75	1.74	1.75	1.77	1.75	1.70	2.50%
<b>Commercial Floorspace (billion square feet)</b>	81.7	82.4	82.9	83.5	84.2	85.0	86.0	87.0	88.1	89.1	90.1	1.00%
<b>Unit Sales of Light-Duty Vehicles (millions)</b>	12.73	14.43	15.26	15.64	16.17	16.73	16.72	16.46	16.32	16.23	16.21	0.80%

GDP = Gross domestic product.

Btu = British thermal unit.

**Producer Price Index-Commodities  
 Original Data Value**

**Series Id:** WPUSOP3000  
**Not Seasonally Adjusted**  
**Group:** Stage of processing  
**Item:** Finished goods  
**Base Date:** 198200  
**Years:** 2006 to 2014

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2006	159.9	158.0	159.1	160.7	161.2	161.8	161.7	162.3	160.3	158.9	159.8	160.5	160.4
2007	160.1	161.8	164.1	165.9	167.5	167.2	168.5	166.1	167.4	168.6	171.4	170.4	166.6
2008	172.0	172.3	175.1	176.5	179.8	182.4	185.1	182.2	182.2	177.4	172.0	168.8	177.1
2009	170.4	169.9	169.1	170.3	171.1	174.3	172.4	174.2	173.2	173.8	175.7	176.0	172.5
2010	178.0	177.0	179.1	179.5	179.8	179.0	179.5	179.9	180.0	181.2	181.6	182.6	179.8
2011	184.4	186.6	189.1	191.4	192.5	191.4	192.2	191.7	192.6	191.8	191.7	191.1	190.5
2012	192.0	192.9	194.4	194.9	193.7	192.8	193.2	195.4	196.7	196.3	194.5	193.7	194.2
2013	194.8	196.3	196.6	195.9	196.8	197.2	197.2	197.9	197.3	196.9	196.0	196.5	196.6
2014	198.0	198.8	200.3	202.0	201.8	202.8	202.9	202.4	201.5	200.3	198.1	195.6	200.4

Name of Respondent Southern Indiana Gas and Electric Company	This Report Is: (4) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2014	Year/Period of Report End of <u>2013/Q4</u>
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**SUMMARY OF UTILITY PLANT AND ACCUMULATED PROVISIONS  
FOR DEPRECIATION, AMORTIZATION AND DEPLETION**

Report in Column (c) the amount for electric function, in column (d) the amount for gas function, in column (e), (f), and (g) report other (specify) and in column (h) common function.

Line No.	Classification (a)	Total Company for the Current Year/Quarter Ended (b)	Electric (c)
1	Utility Plant		
2	In Service		
3	Plant in Service (Classified)	2,389,952,107	2,089,682,773
4	Property Under Capital Leases		
5	Plant Purchased or Sold		
6	Completed Construction not Classified	454,658,754	423,555,650
7	Experimental Plant Unclassified		
8	Total (3 thru 7)	2,844,610,861	2,513,238,423
9	Leased to Others		
10	Held for Future Use	1,576,455	1,576,455
11	Construction Work in Progress	41,275,426	36,996,281
12	Acquisition Adjustments		
13	Total Utility Plant (8 thru 12)	2,887,462,742	2,551,811,159
14	Accum Prov for Depr, Amort, & Depl	1,272,214,600	1,130,118,810
15	Net Utility Plant (13 less 14)	1,615,248,142	1,421,692,349
16	Detail of Accum Prov for Depr, Amort & Depl		
17	In Service:		
18	Depreciation	1,272,214,600	1,130,118,810
19	Amort & Depl of Producing Nat Gas Land/Land Right		
20	Amort of Underground Storage Land/Land Rights		
21	Amort of Other Utility Plant		
22	Total In Service (18 thru 21)	1,272,214,600	1,130,118,810
23	Leased to Others		
24	Depreciation		
25	Amortization and Depletion		
26	Total Leased to Others (24 & 25)		
27	Held for Future Use		
28	Depreciation		
29	Amortization		
30	Total Held for Future Use (28 & 29)		
31	Abandonment of Leases (Natural Gas)		
32	Amort of Plant Acquisition Adj		
33	Total Accum Prov (equals 14) (22,26,30,31,32)	1,272,214,600	1,130,118,810

Name of Respondent (Unofficial)	This Report Is: <input checked="" type="checkbox"/> An Original <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2014	Year/Period of Report End of 2013/Q4
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TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR (Continued)

5. If any tax (exclude Federal and State income taxes)- covers more then one year, show the required information separately for each tax year, identifying the year in column (a).
6. Enter all adjustments of the accrued and prepaid tax accounts in column (f) and explain each adjustment in a foot- note. Designate debit adjustments by parentheses.
7. Do not include on this page entries with respect to deferred income taxes or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.
8. Report in columns (i) through (l) how the taxes were distributed. Report in column (i) only the amounts charged to Accounts 408.1 and 409.1 pertaining to electric operations. Report in column (l) the amounts charged to Accounts 408.1 and 109.1 pertaining to other utility departments and amounts charged to Accounts 408.2 and 409.2. Also shown in column (l) the taxes charged to utility plant or other balance sheet accounts.
9. For any tax apportioned to more than one utility department or account, state in a footnote the basis (necessity) of apportioning such tax.

BALANCE AT END OF YEAR		DISTRIBUTION OF TAXES CHARGED				Line No.
(Taxes accrued Account 236) (g)	Prepaid Taxes (Incl. in Account 165) (h)	Electric (Account 408.1, 409.1) (i)	Extraordinary Items (Account 409.3) (j)	Adjustments to Ret. Earnings (Account 439) (k)	Other (l)	
						1
-235,596		7,686,914			1,432,586	2
						3
61,418		34,943			416,622	4
226,102		9,345,717			611,300	5
550,300					1,206,490	6
						7
					12,513	8
10,163,601		9,067,883			1,077,131	9
						10
10,765,825		26,135,457			4,756,642	11
						12
						13
-7,372		17,882				14
342,105		735,000				15
						16
334,733		752,882				17
						18
						19
-19,509					-12,951	20
2,332,547		24,019,491			657,482	21
		281,580			31,288	22
-24,850		31,667			3,518	23
2,288,188		24,332,738			679,337	24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
						35
						36
						37
						38
						39
						40
13,388,746		51,221,077			5,435,979	41

Name of Respondent Southern Indiana Gas and Electric Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2014	Year/Period of Report End of 2013/Q4
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ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

If the amount for previous year is not derived from previously reported figures, explain in footnote.

Line No.	Account (a)	Amount for Current Year (b)	Amount for Previous Year (c)
165	6. CUSTOMER SERVICE AND INFORMATIONAL EXPENSES		
166	Operation		
167	(907) Supervision		
168	(908) Customer Assistance Expenses	99,089	79,903
169	(909) Informational and Instructional Expenses	49,763	54,913
170	(910) Miscellaneous Customer Service and Informational Expenses	470,574	473,156
171	TOTAL Customer Service and Information Expenses (Total 167 thru 170)	619,426	607,972
172	7. SALES EXPENSES		
173	Operation		
174	(911) Supervision	11,574	9,295
175	(912) Demonstrating and Selling Expenses	13,239,892	9,226,014
176	(913) Advertising Expenses		270
177	(916) Miscellaneous Sales Expenses	7,381	2,267
178	TOTAL Sales Expenses (Enter Total of lines 174 thru 177)	13,258,847	9,237,846
179	8. ADMINISTRATIVE AND GENERAL EXPENSES		
180	Operation		
181	(920) Administrative and General Salaries	15,755,388	14,609,265
182	(921) Office Supplies and Expenses	5,895,056	6,189,245
183	(Less) (922) Administrative Expenses Transferred-Credit	1,933,440	1,918,080
184	(923) Outside Services Employed	13,024,999	13,149,922
185	(924) Property Insurance	896,264	810,590
186	(925) Injuries and Damages	1,476,407	1,553,225
187	(926) Employee Pensions and Benefits	11,424	32,909
188	(927) Franchise Requirements		
189	(928) Regulatory Commission Expenses	1,097,484	984,638
190	(929) (Less) Duplicate Charges-Cr.		
191	(930.1) General Advertising Expenses		
192	(930.2) Miscellaneous General Expenses	2,858,736	1,728,871
193	(931) Rents	14,896	29,769
194	TOTAL Operation (Enter Total of lines 181 thru 193)	39,097,214	37,170,354
195	Maintenance		
196	(935) Maintenance of General Plant	638,247	445,531
197	TOTAL Administrative & General Expenses (Total of lines 194 and 196)	39,735,461	37,615,885
198	TOTAL Elec Op and Maint Expns (Total 80,112,131,156,164,171,178,197)	366,519,129	350,685,740



**Affidavit of Publication**

**Affidavit**

**PROOF OF PUBLICATION OF LEGAL ADVERTISEMENT**

Account Number: EXV22 / 108836

**LEGAL NOTICE**

Notice is hereby given that on or about February 28, 2015, Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. ("Vectren South") will file a request with the Indiana Utility Regulatory Commission for approval to update its Rate CSP - Cogeneration and Small Power Production, to establish prices for the purchase of energy and capacity from owners of a qualifying facility, as defined by the Commission. The capacity component of Rate CSP will also impact the capacity charge for firm backup power under Rate BAMP (Backup, Auxiliary and Maintenance Power Services), as well as capacity credits to be paid to customers under Rider IC (Interruptible Contract Rider), Rider IO (Interruptible Option Rider), and Rider IP-2 (Interruptible Power Service Rider), as applicable.

Vectren South anticipates approval of the filing by June 1, 2015, but no sooner than 30 days after receipt of the filing by the Commission. Objections to the filing should be made in writing addressed to:

Brenda A. Howe  
Secretary to the Commission  
Indiana Utility Regulatory Commission  
PNC Center  
101 W. Washington Street,  
Suite 1500 East  
Indianapolis, Indiana 46204

A. David Stippler  
Indiana Utility Consumer  
Counselor  
Indiana Office of Utility Consumer Counselor  
PNC Center  
115 W. Washington St., Suite  
1500 South  
Indianapolis, Indiana 46204

Scott E. Albertson  
Vice President, Regulatory  
Affairs and Gas Supply  
VECTREN UTILITY HOLDINGS,  
INC.  
(Courier & Press February 16,  
2015)hspaxlp

**STATE OF INDIANA  
VANDERBURGH COUNTY**

*Mary Stephens*

who being sworn,  
is employee of the **Evansville Courier Company**, publisher of **The Evansville Courier** a daily newspaper published in the city of Evansville, in said county and state and that the legal advertisement, of which the attached is a true copy, was printed in its issues of:

Ad ID: 464265

EC-Evansville Courier & Press 02/16/15 Mon

*Mary Stephens*  
Signed

*2-18-15*  
Date

Subscribed and sworn to before me this date:

*2-18-15*  
Date

*Julia Andrea Kastle* Notary Public

Notary is Resident of **Vanderburgh County**

My Commission expires: *10-11-2020*

64 lines @ 1 time(s) = \$499.68

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