

**STATE OF INDIANA**

**INDIANA UTILITY REGULATORY COMMISSION**

**VERIFIED PETITION OF SOUTHERN INDIANA GAS )  
AND ELECTRIC COMPANY D/B/A VECTREN ENERGY )  
DELIVERY OF INDIANA, INC. FOR (1) APPROVAL OF )  
AN ADJUSTMENT TO ITS GAS SERVICE RATES )  
THROUGH ITS CSIA RATE SCHEDULE, (2) )  
AUTHORITY TO DEFER 20% OF THE APPROVED )  
EXPENDITURES FOR RECOVERY IN PETITIONER'S ) CAUSE NO. 44429-TDSIC-9  
NEXT GENERAL RATE CASE AND (3) APPROVAL OF )  
PETITIONER'S UPDATED 7-YEAR PLAN, INCLUDING )  
ACTUAL AND PROPOSED ESTIMATED CAPITAL )  
EXPENDITURES AND CSIA COSTS, ALL PURSUANT )  
TO IND. CODE CHPT. 8-1-8.4 AND 8-1-39 AND THE )  
COMMISSION'S ORDER IN CAUSE NO. 44429 )**

**VERIFIED PETITION**

Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. ("Vectren South" or "Petitioner") petitions the Indiana Utility Regulatory Commission ("Commission") for approval of (a) the Compliance and System Improvement Adjustment ("CSIA") charges, based on 80% of the calculated revenue requirement on recoverable investments and expenses associated with complying with federal mandates ("Compliance Projects") and to improve safety, reliability or modernization of its gas pipeline systems ("TDSIC Projects"), in accordance with Ind. Code chpt. 8-1-8.4, as set forth in Petitioner's Exhibit No. 3, Attachment JCS-4 to be applicable for bills rendered beginning January 1, 2019 and remain in effect until replaced in a subsequent filing; (b) the deferral of 20% of the calculated revenue requirement on recoverable investments for Compliance and TDSIC Projects; (c) an update to its seven (7) year plan (the "7 Year Plan") previously approved by the Commission including actual and projected capital and operation and maintenance ("O&M") expenditures associated with the Compliance and TDSIC Projects that exceed the amounts approved in Cause No. 44429 TDSIC-8 (the "TDSIC-8 Order"); and (d) an adjustment to Petitioner's authorized net operating income to reflect any approved earnings for purposes of Ind. Code § 8-1-2-42(g)(3). In

accordance with 170 IAC 1-1.1-8 and 1-1.1-9 of the Commission's Rules of Practice and Procedure, Petitioner submits the following information in support of this Petition:

### **Petitioner's Characteristics**

1. Petitioner is an operating public utility, incorporated under the laws of the State of Indiana, with its principal office and place of business at One Vectren Square, Evansville, Indiana 47708. Petitioner is engaged in rendering gas service in the State of Indiana and owns, operates, manages, and controls plant and equipment within the State of Indiana used for the transmission, delivery, and furnishing of gas utility service to the public. Petitioner furnishes such gas utility service to approximately 110,000 retail customers.

2. Petitioner is a "public utility" within the meaning of Ind. Code §§ 8-1-39-4 and 8-1-2-1 and an "energy utility" within the meaning of Ind. Code §§ 8-1-2.5-2 and 8-1-8.4-3 and is subject to the jurisdiction of this Commission in the manner and to the extent provided by the Public Service Commission Act, as amended, and other pertinent laws of the State of Indiana.

### **Background and Relief Sought by Petitioner**

3. On November 25, 2013, Vectren South filed a Petition, docketed as Cause No. 44429, for approval of its 7 Year Plan pursuant to Ind. Code § 8-1-39-10(a) and Ind. Code § 8-1-8.4-1 *et seq.* The Commission subsequently consolidated this Cause with Cause No. 44430 in which Vectren South's affiliate filed a similar proposal. In the August 27, 2014 Order in Cause No. 44429/44430 (the "44429 Order"), the Commission held: (a) the Compliance Projects in the 7 Year Plan are compliance projects undertaken to comply with federally mandated requirements; (b) the TDSIC Projects contained in year one of Vectren South's 7 Year Plan are "eligible transmission, distribution, and storage system improvements" within the meaning of Ind. Code § 8-1-39-2; (c) the 7 Year Plan is reasonable and approved; (d) Vectren South is

authorized to implement its CSIA Rate Schedule to recover 80% of the revenue requirement on eligible project investments; (e) Vectren South's proposed method of calculating a pretax return is approved; (f) the TDSIC Projects' and Compliance Projects' post in service costs may be deferred, with carrying costs, until such costs are recovered through the CSIA; (g) the CSIA may be assessed to residential customers as a fixed monthly charge; and (h) Vectren South may defer 20% of the revenue requirement on the 7 Year Plan's eligible and approved capital expenditures. The Indiana Court of Appeals affirmed the 44429 Order in its June 11, 2015 Memorandum Decision.

4. Consistent with the 44429 Order and Ind. Code § 8-1-39-9, Petitioner seeks periodic automatic adjustment of its CSIA every six months. The Commission has approved adjustments to the CSIA in orders issued in Cause No. 44429 TDISC-1 ("TDSIC-1 Order"), Cause No. 44429 TDSIC-2 ("TDSIC-2 Order"), Cause No. 44429 TDSIC-3 ("TDSIC-3 Order"), Cause No. 44429 TDSIC-4 ("TDSIC-4 Order"), Cause No. 44429 TDSIC-5 ("TDSIC-5 Order"), Cause No. 44429 TDSIC-6 ("TDSIC-6 Order"), Cause No. 44429 TDSIC-7 ("TDSIC-7 Order") and TDSIC-8 Order. In these orders and except as noted below, the Commission (1) held the projects completed in the applicable period of the 7 Year Plan constitute "eligible transmission, distribution and storage system improvement" within the meaning of Ind. Code § 8-1-39-2; (2) approved Petitioner's updated 7 Year Plan, including the updated project lists, project cost estimates and the updated annual projected spends for the remaining years of the 7 Year Plan; (3) authorized Petitioner to recover 80% of the costs incurred in connection with the approved updated 7 Year Plan through the CSIA and to defer 20% of the costs incurred, including ongoing carrying charges on all deferred costs, for recovery in its next general rate case; (4) authorized Petitioner to implement a CSIA Rate Schedule that effectuates the timely recovery of 80% of eligible and approved capital and O&M expenditures resulting from TDSIC Projects and Compliance Projects; and (5) authorized Petitioner to adjust its net operating income for

purposes of the earnings test calculation pursuant to Ind. Code § 8-1-2-42(g)(3) by the approved amounts. The TDSIC-1 Order also approved the requested rate schedule allocation and allowed Petitioner to no longer make replacement program compliance filings under Cause No. 44231 and for such filings to instead be included with each April TDSIC.

5. The Commission did not approve recovery of costs associated with TDSIC Projects incurred during the period of July 1, 2014 through December 31, 2014 in the TDSIC-2 Order because the Petitioner withdrew its request for recovery of these costs to enable it to prepare and submit more detailed cost estimates associated with its plan updates required for the TDSIC Projects. Petitioner submitted additional evidence in TDSIC-3 and the Commission approved the TDSIC Projects for that period and the next six months except for the automated meter reading (“AMR”) project for Vectren South’s gas only customers and certain projects that were not specifically identified in the original 7 Year Plan or previously approved updates to the 7 Year Plan. In TDSIC 8, Petitioner also removed, and the Commission accordingly excluded, certain multiple unit TDSIC programs, as well as costs incurred during the period within those program categories.

6. In accordance with Ind. Code §§ 8-1-8.4-7(c) and 8-1-39-9(a), and the 44429 Order, TDSIC-1 Order, TDSIC-2 Order, TDSIC-3 Order, TDISC-4 Order, TDSIC-5 Order, TDSIC-6 Order, TDSIC-7 Order and TDSIC-8 Order (collectively the “TDSIC Orders”), Petitioner requests Commission approval of CSIA rates and charges to be applicable and made effective on January 1, 2019 and to remain in effect until replaced by different charges approved in a subsequent filing to effectuate the timely recovery of 80% of the revenue requirement on approved capital expenditures associated with the Compliance and TDSIC Projects and associated operating expenses inclusive of O&M expenses, depreciation, and property tax

expenses.<sup>1</sup> Vectren South also requests Commission approval of the capital investments associated with the Compliance and TDSIC Projects incurred through June 30, 2018 upon which the proposed CSIA charges are based, along with a reconciliation of actual recoveries and actual costs recoverable in the CSIA. Finally, Vectren South requests approval of an adjustment to its authorized net operating income to reflect any approved earnings for purposes of Ind. Code § 8-1-2-42(g)(3) as supported by Petitioner's Exhibit No. 3, Attachments JCS-2 and JCS-3.

7. In accordance with Ind. Code §§ 8-1-8.4-7(c) and 8-1-39-9(b), as well as the TDSIC Orders, Petitioner requests Commission approval of the deferral until the Company's next base rate case, of 20% of the revenue requirement on approved capital expenditures associated with the Compliance and TDSIC Projects and associated operating expenses inclusive of O&M expenses, depreciation, and property tax expenses.

8. Petitioner's schedules showing the calculations underlying the proposed revenue requirement calculations related to eligible CSIA costs, both recoverable in the Company's CSIA and deferred, incurred through June 30, 2018 are attached hereto as Petitioner's Exhibit No. 3, Attachments JCS-1, JCS-2, and JCS-3.

9. In accordance with Ind. Code § 8-1-39-9(a)(2), Petitioner's 7 Year Plan is attached hereto as Petitioner's Exhibit No. 1, Attachment SAH-4 (Public), Attachment SAH-5 (Public), Attachment SAH-6 (Public), Attachment SAH-8 (Public), Attachment SAH-11 (Public), Petitioner's Exhibit No. 2, Attachment SJV-3, and as further set forth in its Case-in-Chief.

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<sup>1</sup> Ind. Code § 8-1-39-12 provides that an order shall be issued not more than ninety (90) days after a Petition is filed. The Petitioner has agreed to waive this requirement in this proceeding to afford the Commission additional time to issue an order. As described in paragraph 21, Petitioner requests authority designed to make it financially whole despite this delay.

10. In accordance with Ind. Code § 8-1-39-9(a)(3), the projected effects of the CSIA on retail rates and charges are shown on Petitioner's Exhibit No. 3, Attachment JCS-6, attached hereto.

11. In accordance with Ind. Code § 8-1-39-9(a), a copy of this Verified Petition is being provided to the Indiana Office of Utility Consumer Counselor ("OUCC").

12. In accordance with Ind. Code § 8-1-39-9(c), Petitioner is not filing this petition within nine (9) months after the date on which the Commission issued an order changing Petitioner's basic rates and charges. The date of Petitioner's most recent retail gas base rate order was August 1, 2007. Petitioner will petition the Commission for review and approval of its basic rates and charges before the expiration of its 7 Year Plan.

13. In accordance with Ind. Code § 8-1-39-9(e), Petitioner has not filed a petition under Ind. Code § 8-1-39-9 within the last six (6) months.

14. In accordance with Ind. Code § 8-1-39-9(f), Petitioner has, in its case-in-chief, provided specific justification for, and requests specific Commission approval of actual and proposed estimated capital expenditures and CSIA costs in the updated 7 Year Plan.

15. In accordance with Ind. Code § 8-1-39-14(a), Petitioner's evidence provides its method of calculating the average aggregate increase in its total retail revenue attributable to the CSIA to determine whether the TDSIC portion of the CSIA will result in an average aggregate increase of more than two percent (2%) in a twelve month period. Petitioner's Exhibit No. 3, Attachment JCS-3, Schedule 8 Page 1 of 1 demonstrates that Petitioner's proposed TDSIC Component will not result in an average aggregate increase in Petitioner's total retail revenue of more than two percent (2%) in a twelve month period.

16. In accordance with the 44429 Order and TDSIC-4 Order, Petitioner conducted a meeting among interested stakeholders on August 29, 2018 to discuss its Fall CSIA filing, including updates to and variances from the approved 7 Year Plan.

### **Applicable Law**

17. Petitioner considers the provisions of the Public Service Commission Act, as amended, including Ind. Code chpts. 8-1-8.4 and 8-1-39, among others, to be applicable to the subject matter of this Petition and believes that such traditional statutes provide the Commission authority to approve the requested relief.

### **Petitioner's Counsel**

18. The names and addresses of persons authorized to accept service of papers in this proceeding are:

Robert E. Heidorn (Atty. No. 14264-49)  
P. Jason Stephenson (Atty. No. 21839-49)  
Goldie T. Bockstruck (Atty. No. 33914-82)  
SOUTHERN INDIANA GAS & ELECTRIC COMPANY  
One Vectren Square  
Evansville, IN 47708  
Mr. Heidorn's Direct Dial: (812) 491-4203  
Mr. Stephenson's Direct Dial: (812) 491-4231  
Ms. Bockstruck's Direct Dial: (812) 491-4056  
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### **Procedural Matters**

19. The books and records of Petitioner supporting such data, calculation and allegations are available for inspection and review by the OUCC and the Commission.

20. Petitioner requests that the Commission approve a procedural schedule agreed to by the Petitioner and the OUCC and dispense with conducting a prehearing conference. The agreed upon schedule is as follows:

<b>Date</b>	<b>Event</b>
December 3, 2018	OUCC/Intervenors File Case-in-Chief
December 11, 2018	Petitioner's Rebuttal Testimony
December 18, 19, or 20, 2018	Hearing
December 21, 2018	Petitioner Submits Proposed Order
January 11, 2019	OUCC/Intervenors Submit Proposed Order
January 16, 2019	Petitioner Submits Reply to Proposed Orders

21. Ind. Code § 8-1-39-12 provides that (a) not more than ninety (90) days after a public utility files a petition under Ind. Code § 8-1-39-9, the Commission shall conduct a hearing and issue an order on the petition; and (b) not more than sixty (60) days after a public utility files a petition under Ind. Code § 8-1-39-9, the OUCC and other intervenors, if any, may: (1) examine the information to confirm that the proposed transmission, distribution, and storage system improvements comply with Ind. Code Ch. 8-1-39; and (2) report its findings to the Commission

22. While the Petitioner is entitled to issuance of an order within ninety (90) days, Petitioner is proposing a schedule that affords the Commission one hundred and twenty days. To avoid financial harm to Petitioner caused by agreeing to an additional thirty (30) days for this proceeding, Petitioner proposes that the month of January 2019 be reconciled to the authorized revenue requirement ultimately approved in TDSIC-9, with any variances recovered in subsequent TDSIC proceedings (in this case, TDSIC-11).

WHEREFORE, Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc. respectfully requests that the Commission promptly publish notice, make such other investigation and hold such hearings as are necessary or advisable and thereafter, make and enter an order in this Cause:



(a) Authorizing and approving the CSIA rates and charges set forth in Petitioner's Exhibit No. 3, Attachment JCS-4 to become effective January 1, 2019 and remain in effect until replaced in a subsequent filing;

(b) Authorizing and approving the deferral of 20% of the calculated revenue requirement on recoverable investments for Compliance and TDSIC Projects;

(c) Approving the procedural schedule agreed to among the OUCC and Petitioner;

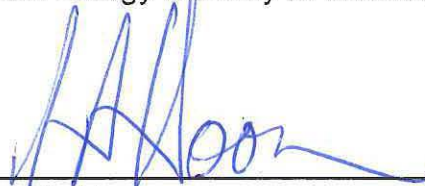
(d) Authorizing the CSIA costs to be recovered in the month of January 2019 to be reconciled to the authorized revenue requirement ultimately approved in TDSIC-9 with any variances recovered in subsequent TDSIC proceedings; and

(e) Approving updates to Petitioner's 7 Year Plan to be described in more detail in its Case-in-Chief; and

(f) Granting to Petitioner such additional and further relief as may be deemed necessary or appropriate.

DATED: this 1<sup>st</sup> day of October, 2018

Southern Indiana Gas and Electric Company d/b/a  
Vectren Energy Delivery of Indiana, Inc.

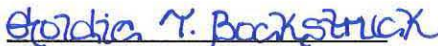
A handwritten signature in blue ink, appearing to read 'S. Hoover', is written over a horizontal line.

Steven A. Hoover  
Director of Engineering

**CERTIFICATE OF SERVICE**

The undersigned hereby certifies that the foregoing "Verified Petition" was served by electronic mail, upon Jeffrey Reed, the Indiana Office of Utility Consumer Counselor, PNC Center, 115 West Washington Street, Suite 1500 South, Indianapolis, Indiana, 46204, [infomgt@oucc.in.gov](mailto:infomgt@oucc.in.gov) and [jreed@oucc.in.gov](mailto:jreed@oucc.in.gov).

Dated: October 1, 2018

  
Goldie T. Bockstruck  
Indiana Atty. No. 33914-82

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**RATE DERIVATION**  
**FOR THE PERIOD OF JANUARY 1, 2019 THROUGH JUNE 30, 2019**

	Rate Schedule	Amount	Projected Customer Count	Projected Billing Quantities (therms)	(Per Month)	(Per therm)	Reference
<b>CSIA Allocated Revenue Requirement (A)</b>							
1	110	\$ 11,581,876	101,323 (E)		\$ 9.53		
2	120/125/129/145	\$ 3,935,809		58,217,480 (E)		\$ 0.0676	
3	160	\$ 1,288,502		50,825,290 (E)		\$ 0.0254	
4	170	\$ 470,948		183,781,950 (E)		\$ 0.0026	
5	Total	<u>\$ 17,277,135</u>					
<b>CSIA Allocated EADIT Credit (B)</b>							
6	110	\$ (1,434,478)	101,323 (E)		\$ (1.18)		
7	120/125/129/145	\$ (468,122)		58,217,480 (E)		\$ (0.0080)	
8	160	\$ (170,634)		50,825,290 (E)		\$ (0.0034)	
9	170	\$ (62,359)		183,781,950 (E)		\$ (0.0003)	
10	Total	<u>\$ (2,135,593)</u>					
<b>Subtotal – Annual Allocated Revenue Requirement and EADIT Credit</b>							
11	110	\$ 10,147,398			\$ 8.35		Line 1 + 6
12	120/125/129/145	\$ 3,467,687				\$ 0.0596	Line 2 + 7
13	160	\$ 1,117,868				\$ 0.0220	Line 3 + 8
14	170	\$ 408,589				\$ 0.0022	Line 4 + 9
15	Total	<u>\$ 15,141,542</u>					
<b>CSIA Allocated Variances Under/(Over) Recovery (C)</b>							
16	110	\$ (1,762,460)	101,577 (F)		\$ (2.89)		
17	120/125/129/145	\$ (831,426)		32,609,003 (F)		\$ (0.0255)	
18	160	\$ (215,451)		25,219,200 (F)		\$ (0.0085)	
19	170	\$ (134,044)		90,538,910 (F)		\$ (0.0015)	
20	Total	<u>\$ (2,943,380)</u>					
<b>Total Excluding IURT</b>							
21	110	\$ 8,384,938			\$ 5.45		Line 11 + 16
22	120/125/129/145	\$ 2,636,261				\$ 0.0341	Line 12 + 17
23	160	\$ 902,417				\$ 0.0135	Line 13 + 18
24	170	\$ 274,545				\$ 0.0007	Line 14 + 19
25	Total	<u>\$ 12,198,161</u>					
<b>Total Including IURT (D)</b>							
26	110				\$ 5.54		Line 21 / 0.9852
27	120/125/129/145					\$ 0.0346	Line 22 / 0.9852
28	160					\$ 0.0137	Line 23 / 0.9852
29	170					\$ 0.0008	Line 24 / 0.9852

**Notes:**

- (A) From JCS-4, Schedule 2, Column D + Column F  
(B) From JCS-4, Schedule 2, Column H  
(C) From JCS-1, Schedule 2, Page 1, Line 22 – amount to be recovered from or passed back to customers over 6-months.  
(D) IURT gross up factor of 0.9852 effective January 1, 2019  
(E) Based on 2019 budgeted annual customer count and volumes  
(F) Based on 2019 budgeted semi-annual customer count and volumes

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)  
ALLOCATION OF REVENUE REQUIREMENT EXCLUDING VARIANCES**

<u>Line</u>	<u>Revenue Requirement</u>
1 Compliance Component - Annual Revenue Requirement	\$ 15,752,405 (A)
2 TDSIC Component - Annual Revenue Requirement	\$ 1,524,730 (B)
3 CSIA Costs to be Recovered	<span style="border: 1px solid black;">\$ 17,277,135</span> (C)
4 EADIT Credit Component	\$ (2,135,593) (D)

	A	B	C	D	E	F	G	H
			Compliance Allocation Percentage	Compliance Allocated Revenue Requirement (Line 1 x Column C)	TDSIC Allocation Percentage	TDSIC Allocated Revenue Requirement (Line 2 x Column E)	EADIT Credit Allocation Percentage	EADIT Credit Allocated Amount (Line 4 x Column G)
4	110	Residential Sales Service	67.17%	\$ 10,580,891	65.65%	\$ 1,000,985	67.17%	\$ (1,434,478)
5	120/125/129/145	General Sales/General Transportation Service	21.92%	\$ 3,452,927	31.67%	\$ 482,882	21.92%	\$ (468,122)
6	160	Large Volume Sales Service	7.99%	\$ 1,258,617	1.96%	\$ 29,885	7.99%	\$ (170,634)
7	170	Contract Transportation Service	2.92%	<u>\$ 459,970</u>	0.72%	<u>\$ 10,978</u>	2.92%	<u>\$ (62,359)</u>
				<u>\$ 15,752,405</u>		<u>\$ 1,524,730</u>		<u>\$ (2,135,593)</u>

**Notes:**

(A) From JCS-1, Schedule 1, Line 1, Col. C

(B) From JCS-1, Schedule 1, Line 2, Col. C

(C) Line 1 + Line 2

(D) From WP JCS-1-2.3 EADIT Credit

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)  
PROJECTED RECOVERIES BY MONTH**

Line	Rate Schedule		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Annual Total	
<b>Projections (A)</b>																
1	110 - Residential Sales Service	Count	101,704	101,870	101,812	101,633	101,369	101,071	100,859	100,784	100,717	100,836	101,277	101,943	101,323	12 Mos Avg
2	120/125/129/145 - General Sales/General Transportation Service	Therms	10,326,184	8,639,680	5,429,130	3,495,222	2,550,148	2,168,640	2,218,339	2,349,391	3,191,448	3,538,890	6,087,524	8,222,884	58,217,480	
3	160 - Large Volume Sales Service	Therms	5,016,343	4,564,633	4,181,053	4,001,483	3,828,883	3,626,803	4,324,153	4,861,563	3,551,973	3,990,263	4,079,363	4,798,773	50,825,290	
4	170 - Contract Transportation Service	Therms	18,186,900	7,183,800	16,248,340	12,487,930	23,451,690	12,980,250	16,298,360	12,569,590	12,732,720	8,489,440	10,663,800	32,489,130	183,781,950	
<b>Applicable Rates (B)</b>																
5	110 - Residential Sales Service	Count	\$ 5.45	\$ 5.45	\$ 5.45	\$ 5.45	\$ 5.45	\$ 5.45	\$ 8.35	\$ 8.35	\$ 8.35	\$ 8.35	\$ 8.35	\$ 8.35	\$ 8.35	
6	120/125/129/145 - General Sales/General Transportation Service	Therms	\$ 0.0341	\$ 0.0341	\$ 0.0341	\$ 0.0341	\$ 0.0341	\$ 0.0341	\$ 0.0596	\$ 0.0596	\$ 0.0596	\$ 0.0596	\$ 0.0596	\$ 0.0596	\$ 0.0596	
7	160 - Large Volume Sales Service	Therms	\$ 0.0135	\$ 0.0135	\$ 0.0135	\$ 0.0135	\$ 0.0135	\$ 0.0135	\$ 0.0220	\$ 0.0220	\$ 0.0220	\$ 0.0220	\$ 0.0220	\$ 0.0220	\$ 0.0220	
8	170 - Contract Transportation Service	Therms	\$ 0.0007	\$ 0.0007	\$ 0.0007	\$ 0.0007	\$ 0.0007	\$ 0.0007	\$ 0.0022	\$ 0.0022	\$ 0.0022	\$ 0.0022	\$ 0.0022	\$ 0.0022	\$ 0.0022	
<b>Projected Recoveries</b>																
9	110 - Residential Sales Service	Line 1 x Line 5	\$ 554,688	\$ 555,590	\$ 555,277	\$ 554,297	\$ 552,860	\$ 551,232	\$ 841,745	\$ 841,118	\$ 840,556	\$ 841,549	\$ 845,234	\$ 850,793	\$ 8,384,938	
10	120/125/129/145 - General Sales/General Transportation Service	Line 2 x Line 6	\$ 351,788	\$ 294,333	\$ 184,957	\$ 119,074	\$ 86,877	\$ 73,880	\$ 132,134	\$ 139,940	\$ 190,097	\$ 210,792	\$ 362,599	\$ 489,791	\$ 2,636,261	
11	160 - Large Volume Sales Service	Line 3 x Line 7	\$ 67,476	\$ 61,400	\$ 56,240	\$ 53,825	\$ 51,503	\$ 48,785	\$ 95,107	\$ 106,927	\$ 78,123	\$ 87,763	\$ 89,723	\$ 105,546	\$ 902,417	
12	170 - Contract Transportation Service	Line 4 x Line 8	\$ 13,508	\$ 5,336	\$ 12,068	\$ 9,275	\$ 17,418	\$ 9,641	\$ 36,235	\$ 27,945	\$ 28,308	\$ 18,874	\$ 23,708	\$ 72,231	\$ 274,545	
13	<b>Total Recoveries including Variances during first six months</b>		<b>\$ 987,459</b>	<b>\$ 916,658</b>	<b>\$ 808,542</b>	<b>\$ 736,470</b>	<b>\$ 708,659</b>	<b>\$ 683,538</b>	<b>\$ 1,105,221</b>	<b>\$ 1,115,929</b>	<b>\$ 1,137,083</b>	<b>\$ 1,158,978</b>	<b>\$ 1,321,265</b>	<b>\$ 1,518,360</b>	<b>\$ 12,198,161</b>	
14	<b>20% Deferred (based on Revenue Requirement piece only)</b>		<b>\$ 460,168</b>	<b>\$ 422,146</b>	<b>\$ 371,123</b>	<b>\$ 334,462</b>	<b>\$ 323,792</b>	<b>\$ 308,643</b>	<b>\$ 315,525</b>	<b>\$ 318,578</b>	<b>\$ 324,454</b>	<b>\$ 330,669</b>	<b>\$ 376,753</b>	<b>\$ 432,972</b>	<b>\$ 4,319,284</b>	

**Notes:**

- (A) Based on 2019 budgeted annual customer count and volumes  
(B) First six months Per JCS-4, Sch 1, Lines 21 - 24. Second six months Per JCS-4, Sch 1, Lines 11 - 14. All rates exclude IURT.

**SOUTHERN INDIANA GAS AND ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**Vectren South**  
**Compliance and System Improvement Adjustment**  
**Projected Year-Over-Year Revenue Percentage Change**  
**Compliance Projects**

Year	Investment (1)		Expenses (2)		Total Revenue Change (3)	Revenue Change by Rate Schedule (4)			
						110	120/125/ 129/145	160	170
2014	\$	28,926,269	\$	2,204,930					
2015	\$	24,211,727	\$	3,158,274	1.04%	1.11%	0.78%	2.66%	0.83%
2016	\$	26,891,423	\$	4,201,612	4.48%	4.78%	3.36%	11.25%	3.56%
2017	\$	35,065,818	\$	4,849,460	2.16%	2.30%	1.64%	5.10%	1.73%
2018	\$	37,349,217	\$	8,855,000	2.84%	3.02%	2.17%	6.52%	2.29%
2019	\$	30,281,734	\$	7,658,618	2.91%	3.09%	2.23%	6.45%	2.36%
2020	\$	31,132,427	\$	7,873,314	4.10%	4.35%	3.17%	8.79%	3.34%

**Notes:**

- (1) Investment as shown in TDSIC-9, Petitioner's Exhibit No. 1, Attachment SAH-3  
(2) Expenses as shown in TDSIC-9, Petitioner's Exhibit No. 2, Attachment SJV-3  
(3) Based on Total Revenues for the twelve months ended 06/30/2014  
(4) Based on Rate Schedule Revenues for the twelve months ended 06/30/2014

**SOUTHERN INDIANA GAS AND ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**Vectren South**  
**Compliance and System Improvement Adjustment**  
**Projected Year-Over-Year Revenue Percentage Change**  
**TDSIC Plan**

Year	Investment (1)	Total Revenue Change (2)	Revenue Change by Rate Schedule (3)			
			110	120/125/ 129/145	160	170
2014	\$ 7,165,966					
2015	\$ 3,302,751	0.33%	0.35%	0.25%	0.84%	0.26%
2016	\$ 2,993,615	0.43%	0.46%	0.32%	1.09%	0.34%
2017	\$ 4,398,002	0.22%	0.23%	0.16%	0.55%	0.17%
2018	\$ 3,490,031	0.32%	0.34%	0.24%	0.79%	0.25%
2019	\$ 3,740,000	0.07%	0.07%	0.05%	0.18%	0.06%
2020	\$ 3,650,000	0.23%	0.25%	0.18%	0.59%	0.19%

**Notes:**

- (1) Investment as shown in TDSIC-9, Petitioner's Exhibit No. 1, Attachment SAH-9  
(2) Based on Total Revenues for the twelve months ended 06/30/2014  
(3) Based on Rate Schedule Revenues for the twelve months ended 06/30/2014



SOUTHERN INDIANA GAS & ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)  
TOTAL ANNUAL REVENUE REQUIREMENT THROUGH JUNE 30, 2018

Line	Description	A = B + C Revenue Requirement Total	B Revenue Requirement 20% Deferred	C Revenue Requirement 80% Recoverable	Reference
1	Compliance Component - Revenue Requirement	\$ 19,690,506	\$ 3,938,101	\$ 15,752,405 (A)	Attachment JCS-2, Schedule 1, Line 16 & 17
2	TDSIC Component - Revenue Requirement	\$ 1,905,912	\$ 381,182	\$ 1,524,730 (B)	Attachment JCS-3, Schedule 1, Line 16 & 17 (C)
3	CSIA Revenue Requirement Subtotal	<u>\$ 21,596,418</u>	<u>\$ 4,319,283</u>	<u>\$ 17,277,135</u>	Line 1 + Line 2

**Notes:**

(A) To Attachment JCS-4, Schedule 2, Line 1

(B) To Attachment JCS-4, Schedule 2, Line 2

(C) Pending results from 2% TDSIC Annual Retail Revenue Cap Test from Attachment JCS-3, Schedule 8, amounts shown in Column B and C may vary.

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)  
ACTUAL VARIANCES BY RATE SCHEDULE THROUGH JUNE 30, 2018**

Line	Description	Rate Schedule				Total	Reference
		A	B	C	D	E	F
<b>Actual Recoveries (Inclusive of IURT)</b>							
		110	120/125/129/145	160	170		
1	Jan-18	\$ 781,601	\$ 621,135	\$ 102,525	\$ 33,451	\$ 1,538,712	(A)
2	Feb-18	\$ 780,298	\$ 551,462	\$ 95,427	\$ 37,529	\$ 1,464,716	(A)
3	Mar-18	\$ 801,762	\$ 403,427	\$ 95,266	\$ 25,828	\$ 1,326,282	(A)
4	Apr-18	\$ 801,383	\$ 370,003	\$ 97,422	\$ 42,971	\$ 1,311,779	(A)
5	May-18	\$ 799,229	\$ 209,684	\$ 93,133	\$ 59,244	\$ 1,161,290	(A)
6	Jun-18	\$ 798,743	\$ 139,014	\$ 85,832	\$ 30,074	\$ 1,053,664	(A)
7	Total Actual Recoveries Inclusive of IURT	\$ 4,763,015	\$ 2,294,726	\$ 569,605	\$ 229,097	\$ 7,856,442	Sum Lines 1-6
<b>Actual Recoveries (Exclusive of IURT)</b>							
		110	120/125/ 129/145	160	170		
8	Jan-18	\$ 769,955	\$ 611,880	\$ 100,997	\$ 32,953	\$ 1,515,785	Line 1 x 0.9851
9	Feb-18	\$ 768,672	\$ 543,245	\$ 94,005	\$ 36,969	\$ 1,442,892	Line 2 x 0.9851
10	Mar-18	\$ 789,815	\$ 397,416	\$ 93,846	\$ 25,443	\$ 1,306,521	Line 3 x 0.9851
11	Apr-18	\$ 789,442	\$ 364,490	\$ 95,971	\$ 42,330	\$ 1,292,234	Line 4 x 0.9851
12	May-18	\$ 787,320	\$ 206,560	\$ 91,745	\$ 58,361	\$ 1,143,987	Line 5 x 0.9851
13	Jun-18	\$ 786,842	\$ 136,943	\$ 84,554	\$ 29,626	\$ 1,037,964	Line 6 x 0.9851
14	Total Actual Recoveries Exclusive of IURT	\$ 4,692,046	\$ 2,260,534	\$ 561,118	\$ 225,683	\$ 7,739,381	Sum Lines 8-13
<b>Approved Recoveries (Exclusive of IURT)</b>							
		110	120/125/ 129/145	160	170		
15	Jan-18	\$ 356,974	\$ 487,928	\$ 69,170	\$ 18,938	\$ 933,010	(B)
16	Feb-18	\$ 452,034	\$ 414,043	\$ 62,751	\$ 128	\$ 928,956	(B)
17	Mar-18	\$ 445,744	\$ 224,813	\$ 55,436	\$ 16,331	\$ 742,325	(B)
18	Apr-18	\$ 496,758	\$ 125,737	\$ 51,747	\$ 9,471	\$ 683,713	(B)
19	May-18	\$ 577,049	\$ 90,063	\$ 48,219	\$ 28,908	\$ 744,239	(B)
20	Jun-18	\$ 601,027	\$ 86,524	\$ 58,344	\$ 17,862	\$ 763,757	(B)
21	Total Approved Recoveries Exclusive of IURT	\$ 2,929,586	\$ 1,429,108	\$ 345,667	\$ 91,639	\$ 4,796,001	Sum Lines 15-20
22	<b>Total Variance (C)</b>	<b>\$ (1,762,460)</b>	<b>\$ (831,426)</b>	<b>\$ (215,451)</b>	<b>\$ (134,044)</b>	<b>\$ (2,943,380)</b>	Line 21 - Line 14
	Under/(Over) Recovery						

**Notes:**

(A) Actual Recoveries represent billed CSIA revenues from the Company's customer billing system by month and by Rate Schedule.

(B) See Attachment JCS-1, Schedule 2, Page 2.

Based on prior CSIA approvals - adjusted to capture the impact of Tax Reform changes.

(C) To Attachment JCS-4, Schedule 1, Lines 20-23

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**ADJUSTMENTS TO APPROVED RECOVERIES BY RATE SCHEDULE THROUGH JUNE 30, 2018**

Line	Description	Rate Schedule				Total	Reference
		A	B	C	D	E	F
	<b>Approved Recoveries (Exclusive of IURT)</b>	110	120/125/129/145	160	170		
1	Jan-18	\$ 785,693	\$ 658,347	\$ 106,319	\$ 36,550	\$ 1,586,909	(A)
2	Feb-18	\$ 786,971	\$ 550,125	\$ 96,604	\$ 14,766	\$ 1,448,467	(A)
3	Mar-18	\$ 786,528	\$ 343,189	\$ 88,355	\$ 32,705	\$ 1,250,778	(A)
4	Apr-18	\$ 785,140	\$ 218,876	\$ 84,494	\$ 25,044	\$ 1,113,553	(A)
5	May-18	\$ 783,105	\$ 158,168	\$ 80,782	\$ 45,270	\$ 1,067,325	(A)
6	Jun-18	\$ 780,798	\$ 133,866	\$ 77,995	\$ 24,972	\$ 1,017,631	(A)
7	Total Approved Recoveries (Exclusive of IURT)	\$ 4,708,234	\$ 2,062,572	\$ 534,549	\$ 179,307	\$ 7,484,663	Sum Lines 1-6
	<b>Approved Recoveries Adjusted for Tax Reform</b>	110	120/125/129/145	160	170		
8	Jan-18	\$ 720,212	\$ 609,602	\$ 98,130	\$ 33,441	\$ 1,461,384	(B)
9	Feb-18	\$ 721,383	\$ 509,393	\$ 89,164	\$ 13,511	\$ 1,333,450	(B)
10	Mar-18	\$ 720,976	\$ 317,779	\$ 81,550	\$ 29,924	\$ 1,150,229	(B)
11	Apr-18	\$ 719,704	\$ 202,670	\$ 77,986	\$ 22,914	\$ 1,023,274	(B)
12	May-18	\$ 717,839	\$ 146,457	\$ 74,560	\$ 41,420	\$ 980,276	(B)
13	Jun-18	\$ 715,724	\$ 123,954	\$ 71,988	\$ 22,848	\$ 934,514	(B)
14	Total Approved Recoveries Adjusted for Tax Reform	\$ 4,315,838	\$ 1,909,855	\$ 493,378	\$ 164,057	\$ 6,883,127	Sum Lines 8-13
	<b>EADIT Credits</b>	110	120/125/129/145	160	170		
15	Jan-18	\$ (114,698)	\$ (37,430)	\$ (13,644)	\$ (4,986)	\$ (170,757)	(C)
16	Feb-18	\$ (114,698)	\$ (37,430)	\$ (13,644)	\$ (4,986)	\$ (170,757)	(C)
17	Mar-18	\$ (114,698)	\$ (37,430)	\$ (13,644)	\$ (4,986)	\$ (170,757)	(C)
18	Apr-18	\$ (114,698)	\$ (37,430)	\$ (13,644)	\$ (4,986)	\$ (170,757)	(C)
19	May-18	\$ (114,698)	\$ (37,430)	\$ (13,644)	\$ (4,986)	\$ (170,757)	(C)
20	Jun-18	\$ (114,698)	\$ (37,430)	\$ (13,644)	\$ (4,986)	\$ (170,757)	(C)
21	Total EADIT Credits	\$ (688,186)	\$ (224,580)	\$ (81,861)	\$ (29,917)	\$ (1,024,544)	Sum Lines 15-20
	<b>Tax Refund Credits</b>	110	120/125/129/145	160	170		
22	Jan-18	\$ (248,540)	\$ (84,244)	\$ (15,317)	\$ (9,517)	\$ (357,617)	(D)
23	Feb-18	\$ (154,651)	\$ (57,919)	\$ (12,769)	\$ (8,396)	\$ (233,736)	(D)
24	Mar-18	\$ (160,535)	\$ (55,536)	\$ (12,470)	\$ (8,606)	\$ (237,147)	(D)
25	Apr-18	\$ (108,249)	\$ (39,503)	\$ (12,595)	\$ (8,456)	\$ (168,803)	(D)
26	May-18	\$ (26,092)	\$ (18,965)	\$ (12,697)	\$ (7,525)	\$ (65,280)	(D)
27	Jun-18	\$ -	\$ -	\$ -	\$ -	\$ -	(D)
28	Total Tax Refund Credits	\$ (698,066)	\$ (256,166)	\$ (65,849)	\$ (42,502)	\$ (1,062,583)	Sum Lines 22-27
	<b>Net Approved Recoveries (Exclusive of IURT)</b>	110	120/125/129/145	160	170		
29	Jan-18	\$ 356,974	\$ 487,928	\$ 69,170	\$ 18,938	\$ 933,010	Line 8 + Line 15 + Line 22
30	Feb-18	\$ 452,034	\$ 414,043	\$ 62,751	\$ 128	\$ 928,956	Line 9 + Line 16 + Line 23
31	Mar-18	\$ 445,744	\$ 224,813	\$ 55,436	\$ 16,331	\$ 742,325	Line 10 + Line 17 + Line 24
32	Apr-18	\$ 496,758	\$ 125,737	\$ 51,747	\$ 9,471	\$ 683,713	Line 11 + Line 18 + Line 25
33	May-18	\$ 577,049	\$ 90,063	\$ 48,219	\$ 28,908	\$ 744,239	Line 12 + Line 19 + Line 26
34	Jun-18	\$ 601,027	\$ 86,524	\$ 58,344	\$ 17,862	\$ 763,757	Line 13 + Line 20 + Line 27
35	Total Net Approved Recoveries (Exclusive of IURT)	\$ 2,929,586	\$ 1,429,108	\$ 345,667	\$ 91,639	\$ 4,796,001	Sum Lines 29-34

**Notes:**

- (A) Based on prior CSIA approvals - TDSIC-7, Attachment JCS-4, Schedule 3  
(B) Adjusted to reflect the lower pre-tax rate of return using a 21% Federal Tax Rate - no other changes made to authorized amounts.  
(C) Excess Accumulated Deferred Income Tax Liability amortization for 2018 not included in CSIA rates.  
(D) Tax Regulatory Liability established in Cause No. 45032 starting January 1, 2018 - captures difference in base revenues collected at old Federal Tax Rate (35%) vs. new Federal Tax Rate (21%).  
Base rates were adjusted effective June 1, 2018.

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**COMBINED COMPLIANCE AND TDSIC COMPONENT**  
**ANNUAL REVENUE REQUIREMENT THROUGH JUNE 30, 2018**

Line	Description	Compliance Component	TDSIC Component	Total Amount	
	<b><u>Return on New Capital Investment:</u></b>				
1	Gross New Capital Investment - As of End of Period	\$ 112,299,424	\$ 13,934,770	\$ 126,234,194	
2	Accumulated Depreciation - As of End of Period	\$ (1,435,176)	\$ 2,318,805	\$ 883,629	
3	Net New Capital Investment - As of End of Period	\$ 110,864,248	\$ 16,253,575	\$ 127,117,823	
4	New Capital Investment CWIP - As of End of Period	\$ 13,364,821	\$ 992,688	\$ 14,357,509	
5	PISCC Deferred Balance - As of End of Period	\$ 4,933,790	\$ 748,257	\$ 5,682,047	
6	Total New Capital Investment - As of End of Period	\$ 129,162,859	\$ 17,994,520	\$ 147,157,379	
7	Pre-Tax Rate of Return	7.71%	7.72%		
8	Annualized Return on New Capital Investment	\$ 9,958,456	\$ 1,389,177	\$ 11,347,633	(B)
	<b><u>Incremental Expenses:</u></b>				
9	Property Tax Expense - Annualized	\$ 700,526	\$ 85,594	\$ 786,120	
10	Depreciation Expense - Annualized	\$ 3,287,119	\$ 396,390	\$ 3,683,508	
11	Amortization Expense - Deferred Incremental O&M Expense	\$ 5,529,853	\$ -	\$ 5,529,853	
12	Amortization Expense - Deferred Depreciation	\$ 65,296	\$ 10,020	\$ 75,316	
13	Amortization Expense - Deferred PISCC	\$ 149,256	\$ 24,732	\$ 173,987	
14	Total Incremental Expenses	\$ 9,732,049	\$ 516,736	\$ 10,248,785	
15	Annual Revenue Requirement - Compliance and TDSIC Components	\$ 19,690,506	\$ 1,905,912	\$ 21,596,418	
16	Recoverable Compliance and TDSIC Components within CSIA (80%)	\$ 15,752,405	\$ 1,524,730	\$ 17,277,135	(A)
17	To Be Deferred (20%)	\$ 3,938,101	\$ 381,182	\$ 4,319,283	
	<b><u>Notes:</u></b>				
(A)	For accounting purposes only, the collection of 80% of the revenue requirement will cover in order of priority the full return on the investments [Line 8 - \$11,347,633], including the full equity and debt return, and then eligible operating expenses [Line 16 less Line 8 - \$5,929,502]. The collection priority will not impact the total amount authorized by the Commission for immediate recovery in the CSIA [Line 16 - \$17,277,135], nor the amount deferred and authorized for future recovery in a base rate proceeding [Line 17 - \$4,319,283].				
(B)	Equity Return - Compliance Component	\$ 7,801,437			
	Equity Return - TDSIC Component	\$ 1,094,067			
	Total Equity Return - Pre-Tax	\$ 8,895,504			
	Debt Return - Compliance Component	\$ 2,157,019			
	Debt Return - TDSIC Component	\$ 295,110			
	Total Debt Return	\$ 2,452,129			

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**COMPLIANCE COMPONENT**  
**ANNUAL REVENUE REQUIREMENT THROUGH JUNE 30, 2018**

Line	Description	Total Amount	Reference
<b><u>Return on New Capital Investment:</u></b>			
1	Gross New Capital Investment - As of End of Period	\$ 112,299,424	Schedule 2, Line 18, Col. G
2	Accumulated Depreciation - As of End of Period	\$ (1,435,176)	Schedule 2, Line 42, Col. G
3	Net New Capital Investment - As of End of Period	\$ 110,864,248	Line 1 + Line 2
4	New Capital Investment CWIP - As of End of Period	\$ 13,364,821	Schedule 2, Line 48, Col. G
5	PISCC Deferred Balance - As of End of Period	\$ 4,933,790	Schedule 3, Line 28, Col. G
6	Total New Capital Investment - As of End of Period	\$ 129,162,859	Line 3 + Line 4 + Line 5
7	Pre-Tax Rate of Return	7.71%	Schedule 4, Page 1, Line 17
8	Annualized Return on New Capital Investment	\$ 9,958,456	Line 6 x Line 7
<b><u>Incremental Expenses:</u></b>			
9	Property Tax Expense - Annualized	\$ 700,526	(Line 1 x 0.60%) + (Line 4 x 0.20%) <b>(A)</b>
10	Depreciation Expense - Annualized	\$ 3,287,119	Schedule 5, Line 17
11	Amortization Expense - Deferred Incremental O&M Expense	\$ 5,529,853	Schedule 8, Line 4
12	Amortization Expense - Deferred Depreciation	\$ 65,296	Schedule 6, Line 18
13	Amortization Expense - Deferred PISCC	\$ 149,256	Schedule 3, Line 34
14	Total Incremental Expenses	\$ 9,732,049	Sum Lines 9-13
15	Annual Revenue Requirement - Compliance Component	\$ 19,690,506	Line 8 + Line 14
16	Recoverable Compliance Component within CSIA (80%)	\$ 15,752,405	Line 15 x 80% <b>(B)</b>
17	To Be Deferred (20%)	\$ 3,938,101	Line 15 x 20% <b>(B)</b>

**Notes:**

- (A)** The annualized level of property taxes is calculated using an estimated Vectren South rate of 1.99% multiplied by the tax basis of the: (1) plant, estimated to be 30% of the gross new capital investment amount, and (2) CWIP, estimated to be 10% of the new capital investment CWIP amount.
- (B)** To Attachment JCS-1, Schedule 1, Line 1

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**COMPLIANCE COMPONENT**  
**NEW CAPITAL INVESTMENT**

Line		A	B	C	D	E	F	G
		Balance at 12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	Balance at 6/30/2018
	<b>Gross New Capital Investment</b>							
	<b>Gross Assets</b>							
1	Transmission	\$ 39,158,839	\$ 39,261,391	\$ 39,317,087	\$ 39,475,754	\$ 39,567,225	\$ 39,322,223	\$ 39,502,454
2	Distribution	\$ 71,024,350	\$ 71,157,682	\$ 71,707,993	\$ 73,264,974	\$ 73,855,518	\$ 74,558,983	\$ 76,917,369
3	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Underground Storage	\$ 1,530	\$ 1,530	\$ 1,530	\$ 1,530	\$ 1,530	\$ 1,530	\$ 1,530
5	General	\$ 55,394	\$ 55,394	\$ 55,394	\$ 55,394	\$ 55,394	\$ 55,394	\$ 55,394
6	<b>Total Gross Assets</b>	\$ 110,240,113	\$ 110,475,998	\$ 111,082,004	\$ 112,797,652	\$ 113,479,668	\$ 113,938,131	\$ 116,476,748
	<b>Retirements</b>							
7	Transmission	\$ (89,545)	\$ (89,545)	\$ (89,545)	\$ (108,392)	\$ (108,392)	\$ (108,392)	\$ (108,422)
8	Distribution	\$ (3,833,746)	\$ (3,833,746)	\$ (3,898,102)	\$ (3,932,501)	\$ (3,945,736)	\$ (3,944,744)	\$ (4,068,901)
9	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Underground Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	<b>Total Retirements</b>	\$ (3,923,291)	\$ (3,923,291)	\$ (3,987,647)	\$ (4,040,893)	\$ (4,054,128)	\$ (4,053,136)	\$ (4,177,323)
	<b>Gross New Capital Investment</b>							
13	Transmission	\$ 39,069,293	\$ 39,171,846	\$ 39,227,541	\$ 39,367,362	\$ 39,458,834	\$ 39,213,831	\$ 39,394,032
14	Distribution	\$ 67,190,604	\$ 67,323,937	\$ 67,809,892	\$ 69,332,473	\$ 69,909,782	\$ 70,614,239	\$ 72,848,468
15	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Underground Storage	\$ 1,530	\$ 1,530	\$ 1,530	\$ 1,530	\$ 1,530	\$ 1,530	\$ 1,530
17	General	\$ 55,394	\$ 55,394	\$ 55,394	\$ 55,394	\$ 55,394	\$ 55,394	\$ 55,394
18	<b>Total Gross New Capital Investment</b> <b>= (Gross Assets + Retirements)</b>	\$ 106,316,822	\$ 106,552,707	\$ 107,094,357	\$ 108,756,759	\$ 109,425,540	\$ 109,884,995	\$ 112,299,424
								<b>To Schedule 1, Line 1</b>

Line		Balance At 12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	Balance At 6/30/2018
	<b>Accumulated Depreciation Balance</b>							
	<b>Depreciation Expense</b>							
19	Transmission	\$ 1,885,487	\$ 1,977,053	\$ 2,068,800	\$ 2,160,794	\$ 2,253,074	\$ 2,345,177	\$ 2,437,205
20	Distribution	\$ 3,861,915	\$ 4,040,284	\$ 4,219,517	\$ 4,401,241	\$ 4,585,537	\$ 4,771,318	\$ 4,960,724
21	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	Underground Storage	\$ 25	\$ 28	\$ 30	\$ 32	\$ 34	\$ 36	\$ 38
23	General	\$ 1,767	\$ 1,953	\$ 2,139	\$ 2,325	\$ 2,511	\$ 2,697	\$ 2,884
24	<b>Total Depreciation Expense</b>	\$ 5,749,195	\$ 6,019,318	\$ 6,290,487	\$ 6,564,392	\$ 6,841,157	\$ 7,119,229	\$ 7,400,851
	<b>Retirements</b>							
25	Transmission	\$ (89,545)	\$ (89,545)	\$ (89,545)	\$ (108,392)	\$ (108,392)	\$ (108,392)	\$ (108,422)
26	Distribution	\$ (3,833,746)	\$ (3,833,746)	\$ (3,898,102)	\$ (3,932,501)	\$ (3,945,736)	\$ (3,944,744)	\$ (4,068,901)
27	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28	Underground Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	<b>Total Retirements</b>	\$ (3,923,291)	\$ (3,923,291)	\$ (3,987,647)	\$ (4,040,893)	\$ (4,054,128)	\$ (4,053,136)	\$ (4,177,323)
	<b>Cost of Removal</b>							
31	Transmission	\$ (157,875)	\$ (157,349)	\$ (157,361)	\$ (155,994)	\$ (151,683)	\$ (128,644)	\$ (124,887)
32	Distribution	\$ 1,680,577	\$ 1,699,148	\$ 1,729,462	\$ 1,761,504	\$ 1,825,257	\$ 1,867,367	\$ 1,909,160
33	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34	Underground Storage	\$ -	\$ -	\$ -	\$ 9,542	\$ 12,725	\$ 3,189	\$ 4,078
35	General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	<b>Total Cost of Removal</b>	\$ 1,522,702	\$ 1,541,799	\$ 1,572,101	\$ 1,615,052	\$ 1,686,299	\$ 1,741,912	\$ 1,788,351
	<b>Total Accumulated Depreciation Balance</b>							
37	Transmission	\$ (1,953,817)	\$ (2,044,857)	\$ (2,136,616)	\$ (2,208,396)	\$ (2,296,366)	\$ (2,365,430)	\$ (2,453,669)
38	Distribution	\$ 1,652,408	\$ 1,492,610	\$ 1,408,046	\$ 1,292,763	\$ 1,185,456	\$ 1,040,793	\$ 1,017,337
39	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Underground Storage	\$ (25)	\$ (28)	\$ (30)	\$ 9,510	\$ 12,691	\$ 3,153	\$ 4,039
41	General	\$ (1,767)	\$ (1,953)	\$ (2,139)	\$ (2,325)	\$ (2,511)	\$ (2,697)	\$ (2,884)
42	<b>Total Accumulated Depreciation Balance</b> <b>= - Depreciation Expense - Retirements + Cost of Removal</b>	\$ (303,202)	\$ (554,227)	\$ (730,739)	\$ (908,448)	\$ (1,100,730)	\$ (1,324,182)	\$ (1,435,176)
								<b>To Schedule 1, Line 2</b>

Line		Balance at 6/30/2018
43	Transmission	\$ 8,217,829
44	Distribution	\$ 4,981,174
45	Distribution - IEDC	\$ -
46	Underground Storage	\$ 165,818
47	General	\$ -
48	<b>Total CWIP Balance</b>	\$ 13,364,821
		<b>To Schedule 1, Line 4</b>

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**COMPLIANCE COMPONENT**  
**POST IN-SERVICE CARRYING COSTS (PISCC)**

Line	Description	Reference	A	B	C	D	E	F	G
1	PISCC Rate - Monthly	Schedule 4, Page 2, Line 5 / 12		0.51%	0.51%	0.51%	0.51%	0.51%	0.51%
2	Debt - PISCC Rate - Monthly	Schedule 4, Page 2, Lines 1,3-4 / 12		0.14%	0.14%	0.14%	0.14%	0.14%	0.14%
3	Equity - PISCC Rate - Monthly	Schedule 4, Page 2, Line 2 / 12		0.37%	0.37%	0.37%	0.37%	0.37%	0.37%
4	Transmission Amortization Rate - Monthly (A)	Schedule 6, Line 8 / 12		0.24%	0.24%	0.24%	0.24%	0.24%	0.24%
5	Distribution Amortization Rate - Monthly (A)	Schedule 6, Line 9 / 12		0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
6	Distribution - IEDC Amortization Rate - Monthly (A)	Schedule 6, Line 10 / 12		0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
7	Underground Storage Amortization Rate - Monthly (A)	Schedule 6, Line 11 / 12		0.36%	0.36%	0.36%	0.36%	0.36%	0.36%
8	General Amortization Rate - Monthly (A)	Schedule 6, Line 12 / 12		0.31%	0.31%	0.31%	0.31%	0.31%	0.31%
<b>PISCC Cumulative Deferred Balance - DEBT</b>			Balance at 12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	Balance at 6/30/2018
9	Transmission	(B)	\$ 447,135	\$ 459,970	\$ 472,913	\$ 486,001	\$ 499,259	\$ 512,413	\$ 525,523
10	Distribution	(B)	\$ 854,591	\$ 872,178	\$ 890,228	\$ 909,710	\$ 930,650	\$ 952,469	\$ 976,368
11	Distribution - IEDC	(B)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Underground Storage	(B)	\$ 19	\$ 19	\$ 19	\$ 19	\$ 19	\$ 19	\$ 19
13	General	(B)	\$ 727	\$ 727	\$ 727	\$ 727	\$ 727	\$ 727	\$ 727
14	PISCC Deferred Balance		\$ 1,302,472	\$ 1,332,893	\$ 1,363,887	\$ 1,396,457	\$ 1,430,655	\$ 1,465,629	\$ 1,502,637
<b>PISCC Cumulative Deferred Balance - EQUITY</b>			Balance at 12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	Balance at 6/30/2018
15	Transmission	(B)	\$ 1,059,035	\$ 1,094,392	\$ 1,130,044	\$ 1,166,097	\$ 1,202,618	\$ 1,238,853	\$ 1,274,965
16	Distribution	(B)	\$ 2,010,338	\$ 2,058,781	\$ 2,108,503	\$ 2,162,168	\$ 2,219,850	\$ 2,279,953	\$ 2,345,785
17	Distribution - IEDC	(B)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Underground Storage	(B)	\$ 51	\$ 51	\$ 51	\$ 51	\$ 51	\$ 51	\$ 51
19	General	(B)	\$ 1,966	\$ 1,966	\$ 1,966	\$ 1,966	\$ 1,966	\$ 1,966	\$ 1,966
20	PISCC Deferred Balance		\$ 3,071,390	\$ 3,155,190	\$ 3,240,564	\$ 3,330,282	\$ 3,424,486	\$ 3,520,823	\$ 3,622,767
<b>PISCC Cumulative Deferred Balance - DEBT + EQUITY</b>			Balance at 12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	Balance at 6/30/2018
21	Transmission	Line 9 + Line 15	\$ 1,506,170	\$ 1,554,361	\$ 1,602,957	\$ 1,652,098	\$ 1,701,878	\$ 1,751,266	\$ 1,800,489
22	Distribution	Line 10 + Line 16	\$ 2,864,929	\$ 2,930,959	\$ 2,998,732	\$ 3,071,878	\$ 3,150,500	\$ 3,232,423	\$ 3,322,153
23	Distribution - IEDC	Line 11 + Line 17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Underground Storage	Line 12 + Line 18	\$ 70	\$ 70	\$ 70	\$ 70	\$ 70	\$ 70	\$ 70
25	General	Line 13 + Line 19	\$ 2,693	\$ 2,693	\$ 2,693	\$ 2,693	\$ 2,693	\$ 2,693	\$ 2,693
26	PISCC Deferred Balance	Sum Lines 21-25	\$ 4,373,862	\$ 4,488,083	\$ 4,604,451	\$ 4,726,739	\$ 4,855,141	\$ 4,986,451	\$ 5,125,404
27	Less: Amortization of PISCC	(C)	\$ (137,661)	\$ (146,653)	\$ (155,645)	\$ (164,638)	\$ (173,630)	\$ (182,622)	\$ (191,614)
28	<b>Total PISCC Deferred Balance</b>	Line 26 + Line 27	<b>\$ 4,236,201</b>	<b>\$ 4,341,430</b>	<b>\$ 4,448,805</b>	<b>\$ 4,562,101</b>	<b>\$ 4,681,511</b>	<b>\$ 4,803,829</b>	<b>\$ 4,933,790</b>
<b>To Schedule 1, Line 5</b>									
<b>Annualized Amortization Expense</b>									
29	Transmission	Line 4 x Line 21 x 12							\$ 51,443
30	Distribution	Line 5 x Line 22 x 12							\$ 97,710
31	Distribution - IEDC	Line 6 x Line 23 x 12							\$ -
32	Underground Storage	Line 7 x Line 24 x 12							\$ 3
33	General	Line 8 x Line 25 x 12							\$ 100
34	<b>Total Amortization Expense</b>	Sum Lines 29-33							<b>\$ 149,256</b>
<b>To Schedule 1, Line 13</b>									

(A) Based on Amortization Life of Plant as of December 31, 2013. Annual depreciation rate is 1 divided by Number of Years, as shown on Attachment JCS-2, Schedule 6.

(B) Calculated as the PISCC rates (lines 2 & 3) multiplied by the monthly PISCC eligible balances. PISCC eligible balances are based on the gross plant placed in service not yet captured for recovery in the CSIA.

(C) Amortization of approximately \$8,992 per month beginning in January 2018 is based on annualized amortization expense of \$107,906 from TDSIC-7, Attachment JCS-2, Schedule 3, Line 34.

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
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**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**COMPLIANCE COMPONENT**  
**PRE-TAX RATE OF RETURN AND AFTER TAX PISCC RATE AT DECEMBER 31, 2017**

Line	After-Tax (A)	A Amount (\$000's)	B Weighting	C Cost	D = B x C WACC
1	Debt	\$ 688,057	34.24%	4.81%	1.65%
2	Equity	\$ 891,564	44.37%	10.15%	4.50%
3	Cost Free Capital	\$ 419,177	20.86%	0.00%	0.00%
4	Other	\$ 10,813	0.54%	4.34%	0.02%
5	<b>Total</b>	<b>\$ 2,009,611</b>			<b>6.17%</b>

(B)  
To Schedule 9, Line 2

**Pre-Tax Equity Component Calculation**

6	After-Tax Cost of Equity per Line 2	4.50%		Line 2, Col. D
7	One		100.00%	
8	Less: Current State Tax Rate		5.625%	(C)
9	Federal Taxable		94.38%	Line 7 - Line 8
10	One Less Federal Income Tax		79.00%	1 - 21%
11	Effective Gross-Up Factor		74.56%	Line 9 x Line 10
12	Pre-Tax Equity	6.04%		Line 6 / Line 11

**Forecast - Adjusted ROR (fixed ROE)**

13	Debt		1.65%	from Line 1
14	Equity		6.04%	from Line 12
15	Cost Free Capital		0.00%	from Line 3
16	Other		0.02%	from Line 4
17	<b>Total Pre-Tax Rate of Return</b>		<b>7.71%</b>	Sum Lines 13-16

To Schedule 1, Line 7

(A) All data in Lines 1 through 5 are per Order in most recent TDSIC Case, Cause No. 44429-TDSIC-8

**(B) Proof**

	Equity	Debt and Other	Total	
18	Total New Capital Investment	\$ 129,162,859	\$ 129,162,859	from Schedule 1, Line 6
19	Pre-Tax Return	6.04%	1.67%	from Lines 13-16
20	Return	\$ 7,801,437	\$ 2,157,020	Line 18 x Line 19
21	State Tax	\$ 438,831		5.625% x Line 20
22	Federal Taxable Return	\$ 7,362,606	\$ 2,157,020	Line 20 - Line 21
23	Federal Tax	\$ 1,546,147		Line 22 x 21%
24	After Tax Return \$	\$ 5,816,459	\$ 2,157,020	Line 20 - Lines 21 and 23
25	After-Tax Rate of Return		6.17%	Line 24 / Line 18
			equals Line 5	

(C) Represents a blended State Tax Rate: - January 1, 2019 - December 31, 2019 @ 5.625%  
- Based on 5.75% @ June 30, 2018 and 5.50% @ June 30, 2019



**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
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**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**COMPLIANCE COMPONENT**  
**AFTER TAX PISCC RATE AT JUNE 30, 2017**

<u>Line</u>	<u>After-Tax (A)</u>	<u>A</u> <u>Amount (\$000's)</u>	<u>B</u> <u>Weighting</u>	<u>C</u> <u>Cost</u>	<u>D = B x C</u> <u>WACC</u>
1	Debt	\$ 658,226	33.58%	4.79%	1.61%
2	Equity	\$ 867,875	44.27%	10.15%	4.49%
3	Cost Free Capital	\$ 423,255	21.59%	0.00%	0.00%
4	Other	\$ 10,962	0.56%	4.21%	0.02%
5	<b>Total</b>	<b>\$ 1,960,317</b>			<b>6.12%</b>

(A) All data in Lines 1 through 5 represent the actual balances as of June 30, 2017 (as presented in TDSIC-8 filing on JCS-3 (Revised), Sch 4, Pg 2).

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)  
COMPLIANCE COMPONENT  
ANNUALIZED DEPRECIATION EXPENSE ON NEW CAPITAL INVESTMENT**

Line	Description	Balance at 6/30/2018	Reference
<b><u>Depreciable In-Service Balance</u></b>			
1	Transmission	\$ 39,394,032	Schedule 2, Line 13, Col. G
2	Distribution	\$ 72,848,468	Schedule 2, Line 14, Col. G
3	Distribution - IEDC	\$ -	Schedule 2, Line 15, Col. G
4	Underground Storage	\$ 1,530	Schedule 2, Line 16, Col. G
5	General	\$ 55,394	Schedule 2, Line 17, Col. G
6	<b>Total</b>	<b>\$ 112,299,424</b>	<b>Sum Lines 1-5</b>
<b><u>Monthly Depreciation Rates</u></b>			
7	Transmission	0.23%	<b>(A)</b>
8	Distribution	0.25%	<b>(A)</b>
9	Distribution - IEDC	0.00%	<b>(B)</b>
10	Underground Storage	0.14%	<b>(A)</b>
11	General	0.34%	<b>(A)</b>
<b><u>Annualized Depreciation Expense</u></b>			
12	Transmission	\$ 1,103,814	Line 1 x Line 7 x 12
13	Distribution	\$ 2,181,047	Line 2 x Line 8 x 12
14	Distribution - IEDC	\$ -	Line 3 x Line 9 x 12
15	Underground Storage	\$ 25	Line 4 x Line 10 x 12
16	General	\$ 2,232	Line 5 x Line 11 x 12
17	<b>Total Annualized Depreciation Expense</b>	<b>\$ 3,287,119</b>	<b>Sum Lines 12-16</b>
<b>To Schedule 1, Line 10</b>			

- (A)** Current average of authorized depreciation rates. Supporting work papers will show a detailed calculation of depreciation rates by class of plant.
- (B)** Reflects no plant additions through current period for class of plant.

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**COMPLIANCE COMPONENT**  
**AMORTIZATION OF DEFERRED DEPRECIATION**

Line	Description	A Balance at 12/31/2017	B 1/31/2018	C 2/28/2018	D 3/31/2018	E 4/30/2018	F 5/31/2018	G Balance at 6/30/2018
<b>Deferred Depreciation Balance (A)</b>								
1	Transmission	\$ 645,744	\$ 667,525	\$ 689,488	\$ 711,675	\$ 734,127	\$ 756,402	\$ 778,601
2	Distribution	\$ 1,248,311	\$ 1,279,287	\$ 1,311,047	\$ 1,345,171	\$ 1,381,804	\$ 1,419,906	\$ 1,461,463
3	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Underground Storage	\$ 19	\$ 19	\$ 19	\$ 19	\$ 19	\$ 19	\$ 19
5	General	\$ 1,767	\$ 1,767	\$ 1,767	\$ 1,767	\$ 1,767	\$ 1,767	\$ 1,767
6	Less: Amortization of Deferrals (B)	\$ (56,781)	\$ (60,635)	\$ (64,488)	\$ (68,341)	\$ (72,194)	\$ (76,047)	\$ (79,900)
7	Total Deferred Depreciation Balance	\$ 1,839,060	\$ 1,887,964	\$ 1,937,834	\$ 1,990,292	\$ 2,045,524	\$ 2,102,047	\$ 2,161,950
<b>Depreciation Rates (C)</b>								
8	Transmission							2.86%
9	Distribution							2.94%
10	Distribution - IEDC							2.94%
11	Underground Storage							4.35%
12	General							3.70%
<b>Deferred Depreciation Amortization Expense</b>								
13	Transmission					Line 1 x Line 8	\$	22,246
14	Distribution					Line 2 x Line 9	\$	42,984
15	Distribution - IEDC					Line 3 x Line 10	\$	-
16	Underground Storage					Line 4 x Line 11	\$	1
17	General					Line 5 x Line 12	\$	65
18	Total Deferred Depreciation Amortization Expense					Sum Lines 13-17	\$	65,296

**To Schedule 1, Line 12**

- (A) Calculated by taking the gross new plant investment, less retirements, placed in-service but not yet included in CSIA recovery.  
 (B) Amortization of approximately \$3,853 per month beginning in January 2018 is based on annualized amortization expense of \$46,238 from TDSIC-7, Attachment JCS-2, Schedule 6, Line 18.  
 (C) Based on Amortization Life of Plant as of December 31, 2013. Annual depreciation rate is 1 divided by Number of Years.  
     Transmission - 35 years  
     Distribution - 34 years  
     Distribution - IEDC - 34 years  
     Underground Storage - 23 years  
     General - 27 years

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**COMPLIANCE COMPONENT**  
**DEFERRED REVENUE REQUIREMENT (20%)**

Line	Description	Amount	Reference
1	TDSIC-1, Compliance Component - through 06/30/2014	\$ 146,324	TDSIC-1, JCS-2, Sch 7, Line 1
2	TDSIC-2, Compliance Component - through 12/31/2014	\$ 537,445	TDSIC-2, JCS-2, Sch 7, Line 2
3	TDSIC-3, Compliance Component - through 06/30/2015	\$ 790,730	TDSIC-3, JCS-2, Sch 7, Line 3
4	TDSIC-4, Compliance Component - through 12/31/2015	\$ 948,050	TDSIC-4, JCS-2, Sch 7, Line 4
5	TDSIC-5, Compliance Component - through 06/30/2016	\$ 1,120,319	TDSIC-5, JCS-2, Sch 7, Line 5
6	TDSIC-6, Compliance Component - through 12/31/2016	\$ 1,387,824	TDSIC-6, JCS-R2, Sch 7, Line 6
7	TDSIC-7, Compliance Component - through 06/30/2017	\$ 1,433,702	TDSIC-7, JCS-2, Sch 7, Line 7 <b>(B)</b>
8	TDSIC-8, Compliance Component - through 12/31/2017	\$ 1,649,719	TDSIC-8, JCS-2, Sch 7, Line 8
9	TDSIC-9, Compliance Component - through 06/30/2018	\$ 2,024,386	<b>(A)</b>
<b>10</b>	<b>Total Deferred Revenue Requirement</b>	<b>\$ 10,038,499</b>	

**Notes:**

- (A)** Attachment JCS-4, Schedule 3, Line 14, Sum of Jan-Jun 2019 x Allocation of Compliance Component Revenue Requirement from Attachment JCS-1, Schedule 1
- (B)** Adjusted to reflect the lower pre-tax rate of return using a 21% Federal Tax Rate - no other changes made to authorized amount:

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
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**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**COMPLIANCE COMPONENT**  
**AMORTIZATION OF DEFERRED INCREMENTAL O&M EXPENSE**

Line	Description	Amount	Reference
1	Balance - at end of previous reconciliation period [12/31/2017]	\$ 4,425,700	TDSIC-8, JCS-2, Sch 8, Line 5 <b>(A)</b>
2	Deferral - current reconciliation period [Jan-Jun 2018]	\$ 3,245,489	Petitioner's Exhibit No. 2, Attachment SJV-2
3	Less: Expected Recoveries	<u>\$ (2,141,336)</u>	<b>(B)</b>
4	Balance - at end of current reconciliation period [06/30/2018]	<b>\$ 5,529,853</b>	Sum Lines 1-3
<b>To Schedule 1, Line 11</b>			

**Notes:**

- (A)** Includes remaining South PSA balance at 12/19/16 as shown in TDSIC-6  
**(B)** Expected recoveries attributable to O&M from TDSIC-8

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)  
COMPLIANCE COMPONENT  
NOI ADJUSTED FOR GCA EARNINGS TEST**

<u>Line</u>	<u>Description</u>	<u>Total Amount</u>	<u>Reference</u>
1	Total New Statutory Investment - As of End of Period	\$ 129,162,859	From Schedule 1, Line 6
2	After-Tax Rate of Return	6.17%	From Schedule 4, Page 1, Line 5
3	NOI Adjustment for GCA Earnings Test - TDSIC-9, Compliance Component	\$ 7,969,348	Line 1 x Line 2

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
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**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**TDSIC COMPONENT**  
**ANNUAL REVENUE REQUIREMENT THROUGH JUNE 30, 2018**

Line	Description	Total Amount	Reference	
	<b><u>Return on New Capital Investment:</u></b>			
1	Gross New Capital Investment - As of End of Period	\$ 13,934,770	Schedule 2, Line 18, Col. G	
2	Accumulated Depreciation - As of End of Period	\$ 2,318,805	Schedule 2, Line 42, Col. G	
3	Net New Capital Investment - As of End of Period	\$ 16,253,575	Line 1 + Line 2	
4	New Capital Investment CWIP - As of End of Period	\$ 992,688	Schedule 2, Line 48, Col. G	
5	PISCC Deferred Balance - As of End of Period	\$ 748,257	Schedule 3, Line 28, Col. G	
6	Total New Capital Investment - As of End of Period	\$ 17,994,520	Line 3 + Line 4 + Line 5	
7	Pre-Tax Rate of Return	7.72%	Schedule 4, Page 1, Line 17	
8	Annualized Return on New Capital Investment	\$ 1,389,177	Line 6 x Line 7	
	<b><u>Incremental Expenses</u></b>			
9	Property Tax Expense - Annualized	\$ 85,594	(Line 1 x 0.60%) + (Line 4 x 0.20%)	(A)
10	Depreciation Expense - Annualized	\$ 396,390	Schedule 5, Line 17	
11	Amortization Expense - Deferred Incremental O&M Expense	\$ -	N/A for TDSIC Component	
12	Amortization Expense - Deferred Depreciation	\$ 10,020	Schedule 6, Line 18	
13	Amortization Expense - Deferred PISCC	\$ 24,732	Schedule 3, Line 34	
14	Total Incremental Expenses	\$ 516,736	Sum Lines 9-13	
15	Annual Revenue Requirement - TDSIC Component	\$ 1,905,912	Line 8 + Line 14	
16	Recoverable TDSIC Component of CSIA (80%)	\$ 1,524,730	Line 15 x 80%	(B)
17	To Be Deferred (20%)	\$ 381,182	Line 15 x 20%	(B)

**Notes:**

- (A) The annualized level of property taxes is calculated using an estimated Vectren South rate of 1.99% multiplied by the tax basis of the: (1) plant, estimated to be 30% of the gross new capital investment amount, and (2) CWIP, estimated to be 10% of the new capital investment CWIP amount.
- (B) To Attachment JCS-1, Schedule 1, Line 2

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
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**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**TDSIC COMPONENT**  
**NEW CAPITAL INVESTMENT**

		A	B	C	D	E	F	G
Line	Gross New Capital Investment Balance	Balance at 12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	Balance at 6/30/2018
	<b>Gross Assets</b>							
1	Transmission	\$ 124,550	\$ 124,550	\$ 124,550	\$ 124,550	\$ 124,550	\$ 124,550	\$ 124,550
2	Distribution	\$ 13,007,439	\$ 13,042,109	\$ 13,045,411	\$ 13,097,550	\$ 13,104,815	\$ 13,115,952	\$ 13,115,958
3	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Underground Storage	\$ 1,927,458	\$ 1,927,458	\$ 1,933,861	\$ 1,935,092	\$ 1,936,814	\$ 1,938,734	\$ 1,938,734
5	General	\$ 23,575	\$ 23,575	\$ 23,575	\$ 23,575	\$ 23,575	\$ 23,575	\$ 23,575
6	<b>Total Gross Assets</b>	\$ 15,083,023	\$ 15,117,692	\$ 15,127,397	\$ 15,180,768	\$ 15,189,755	\$ 15,202,811	\$ 15,202,817
	<b>Retirements</b>							
7	Transmission	\$ (213)	\$ (213)	\$ (213)	\$ (213)	\$ (213)	\$ (213)	\$ (213)
8	Distribution	\$ (1,158,668)	\$ (1,158,668)	\$ (1,158,668)	\$ (1,165,207)	\$ (1,165,207)	\$ (1,167,702)	\$ (1,167,702)
9	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Underground Storage	\$ (100,133)	\$ (100,133)	\$ (100,133)	\$ (100,133)	\$ (100,133)	\$ (100,133)	\$ (100,133)
11	General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	<b>Total Retirements</b>	\$ (1,259,013)	\$ (1,259,013)	\$ (1,259,013)	\$ (1,265,553)	\$ (1,265,553)	\$ (1,268,048)	\$ (1,268,048)
	<b>Gross New Capital Investment Balance</b>							
13	Transmission	\$ 124,337	\$ 124,337	\$ 124,337	\$ 124,337	\$ 124,337	\$ 124,337	\$ 124,337
14	Distribution	\$ 11,848,772	\$ 11,883,442	\$ 11,886,743	\$ 11,932,343	\$ 11,939,608	\$ 11,948,250	\$ 11,948,256
15	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Underground Storage	\$ 1,827,325	\$ 1,827,325	\$ 1,833,728	\$ 1,834,959	\$ 1,836,681	\$ 1,838,601	\$ 1,838,601
17	General	\$ 23,575	\$ 23,575	\$ 23,575	\$ 23,575	\$ 23,575	\$ 23,575	\$ 23,575
18	<b>Total Gross New Capital Investment</b>	\$ 13,824,009	\$ 13,858,679	\$ 13,868,383	\$ 13,915,214	\$ 13,924,202	\$ 13,934,763	\$ 13,934,770
	<b>= (Gross Assets + Retirements)</b>							<b>To Schedule 1, Line 1</b>

Line	Accumulated Depreciation Balance	Balance at 12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	Balance at 6/30/2018
	<b>Depreciation Expense</b>							
19	Transmission	\$ 4,883	\$ 5,399	\$ 5,914	\$ 6,430	\$ 6,946	\$ 7,462	\$ 7,978
20	Distribution	\$ 773,463	\$ 805,441	\$ 837,463	\$ 869,530	\$ 901,647	\$ 933,782	\$ 965,922
21	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	Underground Storage	\$ 73,483	\$ 77,092	\$ 80,710	\$ 84,338	\$ 87,971	\$ 91,609	\$ 95,249
23	General	\$ 7,381	\$ 7,482	\$ 7,582	\$ 7,683	\$ 7,784	\$ 7,885	\$ 7,985
24	<b>Total Depreciation Expense</b>	\$ 859,210	\$ 895,413	\$ 931,670	\$ 967,982	\$ 1,004,349	\$ 1,040,737	\$ 1,077,134
	<b>Retirements</b>							
25	Transmission	\$ (213)	\$ (213)	\$ (213)	\$ (213)	\$ (213)	\$ (213)	\$ (213)
26	Distribution	\$ (1,158,668)	\$ (1,158,668)	\$ (1,158,668)	\$ (1,165,207)	\$ (1,165,207)	\$ (1,167,702)	\$ (1,167,702)
27	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28	Underground Storage	\$ (100,133)	\$ (100,133)	\$ (100,133)	\$ (100,133)	\$ (100,133)	\$ (100,133)	\$ (100,133)
29	General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	<b>Total Retirements</b>	\$ (1,259,013)	\$ (1,259,013)	\$ (1,259,013)	\$ (1,265,553)	\$ (1,265,553)	\$ (1,268,048)	\$ (1,268,048)
	<b>Cost of Removal</b>							
31	Transmission	\$ 817	\$ 817	\$ 817	\$ 817	\$ 817	\$ 817	\$ 817
32	Distribution	\$ 2,100,385	\$ 2,101,081	\$ 2,101,355	\$ 2,102,126	\$ 2,102,508	\$ 2,103,011	\$ 2,104,261
33	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34	Underground Storage	\$ 11,257	\$ 11,257	\$ 11,257	\$ 11,257	\$ 11,257	\$ 11,350	\$ 12,319
35	General	\$ 10,495	\$ 10,495	\$ 10,495	\$ 10,495	\$ 10,495	\$ 10,495	\$ 10,495
36	<b>Total Cost of Removal</b>	\$ 2,122,955	\$ 2,123,650	\$ 2,123,925	\$ 2,124,695	\$ 2,125,077	\$ 2,125,673	\$ 2,127,892
	<b>Total Accumulated Depreciation Balance</b>							
37	Transmission	\$ (3,854)	\$ (4,369)	\$ (4,885)	\$ (5,401)	\$ (5,917)	\$ (6,433)	\$ (6,949)
38	Distribution	\$ 2,485,590	\$ 2,454,308	\$ 2,422,560	\$ 2,397,803	\$ 2,366,068	\$ 2,336,931	\$ 2,306,041
39	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Underground Storage	\$ 37,907	\$ 34,298	\$ 30,680	\$ 27,052	\$ 23,419	\$ 19,874	\$ 17,203
41	General	\$ 3,115	\$ 3,014	\$ 2,913	\$ 2,812	\$ 2,711	\$ 2,611	\$ 2,510
42	<b>Total Accumulated Depreciation Balance</b>	\$ 2,522,758	\$ 2,487,250	\$ 2,451,268	\$ 2,422,266	\$ 2,386,282	\$ 2,352,983	\$ 2,318,805
	<b>= - Depreciation Expense - Retirements + Cost of Removal</b>							<b>To Schedule 1, Line 2</b>

Line	CWIP Balance	Balance at 6/30/2018
43	Transmission	\$ -
44	Distribution	\$ 173,591
45	Distribution - IEDC	\$ -
46	Underground Storage	\$ 819,097
47	General	\$ -
48	<b>Total CWIP Balance</b>	\$ 992,688
		<b>To Schedule 1, Line 4</b>



**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**TDSIC COMPONENT**  
**POST IN-SERVICE CARRYING COSTS (PISCC)**

Line	Description	Reference	A	B	C	D	E	F	G
1	PISCC Rate - Monthly	Schedule 4, Page 2, Line 5 / 12		0.51%	0.51%	0.51%	0.51%	0.51%	0.51%
2	Debt - PISCC Rate - Monthly	Schedule 4, Page 2, Lines 1,3-4 / 12		0.14%	0.14%	0.14%	0.14%	0.14%	0.14%
3	Equity - PISCC Rate - Monthly	Schedule 4, Page 2, Line 2 / 12		0.38%	0.38%	0.38%	0.38%	0.38%	0.38%
4	Transmission Amortization Rate - Monthly (A)	Schedule 6, Line 8 / 12		0.24%	0.24%	0.24%	0.24%	0.24%	0.24%
5	Distribution Amortization Rate - Monthly (A)	Schedule 6, Line 9 / 12		0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
6	Distribution - IEDC Amortization Rate - Monthly (A)	Schedule 6, Line 10 / 12		0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
7	Underground Storage Amortization Rate - Monthly (A)	Schedule 6, Line 11 / 12		0.36%	0.36%	0.36%	0.36%	0.36%	0.36%
8	General Amortization Rate - Monthly (A)	Schedule 6, Line 12 / 12		0.31%	0.31%	0.31%	0.31%	0.31%	0.31%
<b>PISCC Cumulative Deferred Balance - DEBT</b>			<div> <div>Balance at</div> <div>12/31/2017</div> <div>1/31/2018</div> <div>2/28/2018</div> <div>3/31/2018</div> <div>4/30/2018</div> <div>5/31/2018</div> <div>Balance at</div> <div>6/30/2018</div> </div>						
9	Transmission	(B)	\$ 1,481	\$ 1,481	\$ 1,481	\$ 1,481	\$ 1,481	\$ 1,481	\$ 1,481
10	Distribution	(B)	\$ 165,543	\$ 168,885	\$ 172,254	\$ 175,661	\$ 179,110	\$ 182,571	\$ 186,040
11	Distribution - IEDC	(B)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Underground Storage	(B)	\$ 26,601	\$ 27,491	\$ 28,386	\$ 29,286	\$ 30,188	\$ 31,092	\$ 31,998
13	General	(B)	\$ 847	\$ 847	\$ 847	\$ 847	\$ 847	\$ 847	\$ 847
14	PISCC Deferred Balance	(B)	\$ 194,473	\$ 198,705	\$ 202,968	\$ 207,276	\$ 211,626	\$ 215,992	\$ 220,367
<b>PISCC Cumulative Deferred Balance - EQUITY</b>			<div> <div>Balance at</div> <div>12/31/2017</div> <div>1/31/2018</div> <div>2/28/2018</div> <div>3/31/2018</div> <div>4/30/2018</div> <div>5/31/2018</div> <div>Balance at</div> <div>6/30/2018</div> </div>						
15	Transmission	(B)	\$ 4,048	\$ 4,048	\$ 4,048	\$ 4,048	\$ 4,048	\$ 4,048	\$ 4,048
16	Distribution	(B)	\$ 422,919	\$ 431,925	\$ 441,002	\$ 450,184	\$ 459,476	\$ 468,804	\$ 478,152
17	Distribution - IEDC	(B)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Underground Storage	(B)	\$ 66,834	\$ 69,233	\$ 71,644	\$ 74,068	\$ 76,499	\$ 78,936	\$ 81,377
19	General	(B)	\$ 2,101	\$ 2,101	\$ 2,101	\$ 2,101	\$ 2,101	\$ 2,101	\$ 2,101
20	PISCC Deferred Balance	(B)	\$ 495,902	\$ 507,307	\$ 518,795	\$ 530,401	\$ 542,125	\$ 553,889	\$ 565,678
<b>PISCC Cumulative Deferred Balance - DEBT + EQUITY</b>			<div> <div>Balance at</div> <div>12/31/2017</div> <div>1/31/2018</div> <div>2/28/2018</div> <div>3/31/2018</div> <div>4/30/2018</div> <div>5/31/2018</div> <div>Balance at</div> <div>6/30/2018</div> </div>						
21	Transmission	Line 9 + Line 15	\$ 5,529	\$ 5,529	\$ 5,529	\$ 5,529	\$ 5,529	\$ 5,529	\$ 5,529
22	Distribution	Line 10 + Line 16	\$ 588,461	\$ 600,810	\$ 613,256	\$ 625,845	\$ 638,586	\$ 651,375	\$ 664,192
23	Distribution - IEDC	Line 11 + Line 17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Underground Storage	Line 12 + Line 18	\$ 93,436	\$ 96,724	\$ 100,030	\$ 103,354	\$ 106,687	\$ 110,029	\$ 113,375
25	General	Line 13 + Line 19	\$ 2,949	\$ 2,949	\$ 2,949	\$ 2,949	\$ 2,949	\$ 2,949	\$ 2,949
26	PISCC Deferred Balance	Sum Lines 21-25	\$ 690,375	\$ 706,012	\$ 721,763	\$ 737,677	\$ 753,751	\$ 769,881	\$ 786,045
27	Less: Amortization of PISCC	(C)	\$ (27,803)	\$ (29,467)	\$ (31,131)	\$ (32,796)	\$ (34,460)	\$ (36,124)	\$ (37,788)
28	<b>Total PISCC Deferred Balance</b>	Line 26 + Line 27	<b>\$ 662,572</b>	<b>\$ 676,545</b>	<b>\$ 690,632</b>	<b>\$ 704,881</b>	<b>\$ 719,291</b>	<b>\$ 733,757</b>	<b>\$ 748,257</b>
<b>To Schedule 1, Line 5</b>									
<b>Annualized Amortization Expense</b>									
29	Transmission	Line 4 x Line 21 x 12							\$ 158
30	Distribution	Line 5 x Line 22 x 12							\$ 19,535
31	Distribution - IEDC	Line 6 x Line 23 x 12							\$ -
32	Underground Storage	Line 7 x Line 24 x 12							\$ 4,929
33	General	Line 8 x Line 25 x 12							\$ 109
34	<b>Total Amortization Expense</b>	Sum Lines 29-33							<b>\$ 24,732</b>
<b>To Schedule 1, Line 13</b>									

(A) Based on Amortization Life of Plant as of December 31, 2013. Annual depreciation rate is 1 divided by Number of Years, as shown on Attachment JCS-3, Schedule 6.

(B) Calculated as the PISCC rates (lines 2 & 3) multiplied by the monthly PISCC eligible balances. PISCC eligible balances are based on the gross plant placed in-service not yet captured for recovery in the CSIA.

(C) Amortization of approximately \$1,664 per month beginning in January 2018 is based on annualized amortization expense of \$19,962 from TDSIC-7, Attachment JCS-3, Schedule 3, Line 34.

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**TDSIC COMPONENT**  
**PRE-TAX RATE OF RETURN AT JUNE 30, 2018**

Line	After-Tax (A)	A Amount (\$000's)	B Weighting	C Cost	D = B x C WACC
1	Debt	\$ 688,057	34.01%	4.75%	1.62%
2	Equity	\$ 902,040	44.59%	10.15%	4.53%
3	Cost Free Capital	\$ 422,269	20.87%	0.00%	0.00%
4	Other	\$ 10,749	0.53%	4.27%	0.02%
5	<b>Total</b>	<b>\$ 2,023,115</b>			<b>6.17%</b> (B)

**To Schedule 9, Line 2**

**Pre-Tax Equity Component Calculation**

6	After-Tax Cost of Equity per Line 2	4.53%		Line 2, Col. D
7	One		100.00%	
8	Less State Taxes		5.625%	(C)
9	Federal Taxable		94.38%	Line 7 - Line 8
10	One Less Federal Income Tax		79.00%	1 - 21%
11	Effective Gross-Up Factor		74.56%	Line 9 x Line 10
12	Pre-Tax Equity	6.08%		Line 6 / Line 11

**Forecast - Adjusted ROR (fixed ROE)**

13	Debt		1.62%	from Line 1
14	Equity		6.08%	from Line 12
15	Cost Free Capital		0.00%	from Line 3
16	Other		0.02%	from Line 4
17	<b>Total Pre-Tax Rate of Return</b>		<b>7.72%</b>	Sum Lines 13-16

**To Schedule 1, Line 7**

(A) All data in Lines 1 through 5 represent the actual balances as of June 30, 2018.

(B)	<b><u>Proof</u></b>	Equity	Debt and Other	Total	
18	Total New Capital Investment	\$ 17,994,520	\$ 17,994,520		from Schedule 1, Line 6
19	Pre-Tax Return	6.08%	1.64%		from Lines 13-16
20	Return	\$ 1,094,067	\$ 295,110		Line 18 x Line 19
21	State Tax	\$ 61,541			5.625% x Line 20
22	Federal Taxable Return	\$ 1,032,526	\$ 295,110		Line 20 - Line 21
23	Federal Tax	\$ 216,830			Line 22 x 21%
24	After Tax Return \$	\$ 815,695	\$ 295,110	\$ 1,110,805	Line 20 - Lines 21 and 23

25	After Tax Return %		6.17%	Line 24 / Line 18
			equals Line 5	

(C) Represents a blended State Tax Rate:

- January 1, 2019 - December 31, 2019 @ 5.625%
- Based on 5.75% @ June 30, 2018 and 5.50% @ June 30, 2019

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
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**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**TDSIC COMPONENT**  
**AFTER TAX PISCC RATE AT DECEMBER 31, 2017**

<u>Line</u>	<u>After-Tax (A)</u>	<u>A</u> <u>Amount (\$000's)</u>	<u>B</u> <u>Weighting</u>	<u>C</u> <u>Cost</u>	<u>D = B x C</u> <u>WACC</u>
1	Debt	\$ 688,057	34.24%	4.81%	1.65%
2	Equity	\$ 891,564	44.37%	10.15%	4.50%
3	Cost Free Capital	\$ 419,177	20.86%	0.00%	0.00%
4	Other	\$ 10,813	0.54%	4.34%	0.02%
5	<b>Total</b>	<b>\$ 2,009,611</b>			<b>6.17%</b>

(A) All data in Lines 1 through 5 represent the actual balances as of December 31, 2017 (as presented in TDSIC-8 filing on JCS-3 (Revised), Sch 4, Pg 1).

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)  
TDSIC COMPONENT  
ANNUALIZED DEPRECIATION EXPENSE - ON NEW CAPITAL INVESTMENT**

Line	Description	Balance at 6/30/2018	Reference
<b><u>Depreciable In-Service Balance</u></b>			
1	Transmission	\$ 124,337	Schedule 2, Line 13, Col. G
2	Distribution	\$ 11,948,256	Schedule 2, Line 14, Col. G
3	Distribution - IEDC	\$ -	Schedule 2, Line 15, Col. G
4	Underground Storage	\$ 1,838,601	Schedule 2, Line 16, Col. G
5	General	\$ 23,575	Schedule 2, Line 17, Col. G
6	<b>Total</b>	<b>\$ 13,934,770</b>	<b>Sum Lines 1-5</b>
<b><u>Monthly Depreciation Rates</u></b>			
7	Transmission	0.41%	<b>(A)</b>
8	Distribution	0.24%	<b>(A)</b>
9	Distribution - IEDC	0.00%	<b>(B)</b>
10	Underground Storage	0.19%	<b>(A)</b>
11	General	0.43%	<b>(A)</b>
<b><u>Annualized Depreciation Expense</u></b>			
12	Transmission	\$ 6,180	Line 1 x Line 7 x 12
13	Distribution	\$ 347,179	Line 2 x Line 8 x 12
14	Distribution - IEDC	\$ -	Line 3 x Line 9 x 12
15	Underground Storage	\$ 41,822	Line 4 x Line 10 x 12
16	General	\$ 1,209	Line 5 x Line 11 x 12
17	<b>Total Annualized Depreciation Expense</b>	<b>\$ 396,390</b>	<b>Sum Lines 12-16</b>
<b>To Schedule 1, Line 10</b>			

- (A)** Current average of authorized depreciation rates. Supporting work papers will show a detailed calculation of depreciation rates by class of plant.
- (B)** Reflects no plant additions through current period for class of plant.

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
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**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**TDSIC COMPONENT**  
**AMORTIZATION OF DEFERRED DEPRECIATION**

Line	Description	A Balance at 12/31/2017	B 1/31/2018	C 2/28/2018	D 3/31/2018	E 4/30/2018	F 5/31/2018	G Balance at 6/30/2018
<b>Deferred Depreciation Balance (A)</b>								
1	Transmission	\$ 4,474	\$ 4,474	\$ 4,474	\$ 4,474	\$ 4,474	\$ 4,474	\$ 4,474
2	Distribution	\$ 243,962	\$ 249,493	\$ 255,069	\$ 260,682	\$ 266,336	\$ 272,004	\$ 277,675
3	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Underground Storage	\$ 27,477	\$ 29,188	\$ 30,909	\$ 32,640	\$ 34,375	\$ 36,115	\$ 37,858
5	General	\$ 2,147	\$ 2,147	\$ 2,147	\$ 2,147	\$ 2,147	\$ 2,147	\$ 2,147
6	Less: Amortization of Deferrals (B)	\$ (10,519)	\$ (11,168)	\$ (11,817)	\$ (12,466)	\$ (13,115)	\$ (13,765)	\$ (14,414)
7	Total Deferred Depreciation Balance	\$ 267,541	\$ 274,134	\$ 280,782	\$ 287,476	\$ 294,216	\$ 300,975	\$ 307,740
<b>Depreciation Rates (C)</b>								
8	Transmission							2.86%
9	Distribution							2.94%
10	Distribution - IEDC							2.94%
11	Underground Storage							4.35%
12	General							3.70%
<b>Deferred Depreciation Amortization Expense</b>								
13	Transmission					Line 1 x Line 8	\$	128
14	Distribution					Line 2 x Line 9	\$	8,167
15	Distribution - IEDC					Line 3 x Line 10	\$	-
16	Underground Storage					Line 4 x Line 11	\$	1,646
17	General					Line 5 x Line 12	\$	80
18	Deferred Depreciation Amortization Expense					Sum Lines 13-17	\$	10,020

**To Schedule 1, Line 12**

- (A) Calculated by taking the gross new plant investment, less retirements, placed in-service but not yet included in CSIA recovery.
- (B) Amortization of approximately \$649 per month beginning in January 2018 is based on annualized amortization expense of \$7,790 from TDSIC-7, Attachment JCS-3, Schedule 6, Line 18.
- (C) Based on Amortization Life of Plant as of December 31, 2013. Annual depreciation rate is 1 divided by Number of Years.
- Transmission - 35 years
  - Distribution - 34 years
  - Distribution - IEDC - 34 years
  - Underground Storage - 23 years
  - General - 27 years

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)  
TDSIC COMPONENT  
DEFERRED REVENUE REQUIREMENT (20%)**

Line	Description	Amount (A)	Reference
1	TDSIC-1, TDSIC Component - through 06/30/2014	\$ 46,223	TDSIC-1, JCS-3, Sch 7, Line 1
2	TDSIC-2, TDSIC Component - through 12/31/2014	\$ 45,445	TDSIC-2, JCS-3, Sch 7, Line 2
3	TDSIC-3, TDSIC Component - through 06/30/2015	\$ 107,273	TDSIC-3, JCS-3, Sch 7, Line 3
4	TDSIC-4, TDSIC Component- through 12/31/2015	\$ 119,950	TDSIC-4, JCS-3, Sch 7, Line 4
5	TDSIC-5, TDSIC Component- through 06/30/2016	\$ 139,933	TDSIC-5, JCS-3, Sch 7, Line 5
6	TDSIC-6, TDSIC Component- through 12/31/2016	\$ 152,770	TDSIC-6, JCS-3, Sch 7, Line 6
7	TDSIC-7, TDSIC Component- through 06/30/2017	\$ 165,007	TDSIC-7, JCS-3, Sch 7, Line 7 (C)
8	TDSIC-8, TDSIC Component- through 12/31/2017	\$ 181,014	TDSIC-8, JCS-3 (Revised), Sch 7, Line 8
9	TDSIC-9, TDSIC Component- through 06/30/2018	\$ 195,947	(B)
10	<b>Total Deferred Revenue Requirement</b>	<b>\$ 1,153,562</b>	

**Notes:**

- (A) Pending results from 2% TDSIC Annual Retail Revenue Cap Test from Attachment JCS-3, Schedule 8, additional information may be provided for TDSIC Deferred in Excess of 2% Cap.
- (B) Attachment JCS-4, Schedule 3, Line 14, Sum of Jan-Jun 2019 x Allocation of TDSIC Component Revenue Requirement from Attachment JCS-1, Schedule 1
- (C) Adjusted to reflect the lower pre-tax rate of return using a 21% Federal Tax Rate - no other changes made to authorized amounts.

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY**  
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**VECTREN SOUTH**  
**COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)**  
**TDSIC COMPONENT**  
**2% TDSIC ANNUAL RETAIL REVENUE CAP TEST**

Line	Description	Total Amount	Reference
1	Current TDSIC Recoverable Portion	\$ 1,524,730	Schedule 1, Line 16
2	Prior TDSIC Recoverable Portion	\$ 1,496,475	TDSIC-8, JCS-3 (Revised), Schedule 1, Line 16
3	Increase in TDSIC Recoverable Portion	\$ 28,255	Line 1 - Line 2
4	Total Retail Revenues	\$ 99,156,069	12 Months Ended As of End of Period
5	TDSIC Cap	2%	[Ind. Code § 8-1-39-14(a)]
6	TDSIC Cap - 2% of Retail Revenues	\$ 1,983,121	Line 4 x Line 5
7	Does Increase in TDSIC Exceed 2% Cap?	No	If Line 3 > Line 6, Yes; If not, No
<b><u>If Yes:</u></b>			
8	TDSIC Cap - 2% of Retail Revenues	\$ -	If Yes - Line 6; If No, \$0
9	Plus: Prior TDSIC Recoverable Portion	\$ -	If Yes - Line 2; If No, \$0
10	Total TDSIC Recoverable in CSIA	\$ -	Line 8 + Line 9
11	Current TDSIC Recoverable Portion	\$ -	If Yes - Line 1; If No, \$0
12	TDSIC Deferred in Excess of 2% Cap	\$ -	Line 11 - Line 10
<b><u>If No:</u></b>			
13	Current TDSIC Recoverable Portion - CSIA	\$ 1,524,730	If No, Line 1; If Yes, \$0

**SOUTHERN INDIANA GAS & ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)  
TDSIC COMPONENT  
NOI ADJUSTED FOR GCA EARNINGS TEST**

<u>Line</u>	<u>Description</u>	<u>Total Amount</u>	<u>Reference</u>
1	Total New Capital Investment - As of End of Period	\$ 17,994,520	From Schedule 1, Line 6
2	After-Tax Rate of Return	6.17%	From Schedule 4, Page 1, Line 5
3	NOI Adjustment for GCA Earnings Test - TDSIC-9, TDSIC Component	\$ 1,110,262	Line 1 x Line 2



Database Project Number	Oracle Project Number	Project Category	OC	City	Project Short Description	Previous Planned Year (4/218)	Current Planned Year	Previous Estimate (4/218)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary	Estimate Variance Commentary	Current Period Actual Spend (1/1/18 - 6/30/18)	Inception to Date Actual Spend (1/1/14 - 6/30/18)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary	
2964	15202801054014	Miscellaneous	Evansville	Midway	12" Midway to Midwestern - Install additional ground for inadequate cathodic protection	2017	2017												Y	The materials, construction labor, and land costs all came in less than the estimate.
4236	18202801054014	Valves / Operators / Remote Cntrl	Rockport	Richland City	Replace two 3" isolation valves at Midway Storage Field	N/A	2018					Prioritized to 2018 due to leaking valves and no valves boxes to access valves						Y		
4171	18202801054011	Obsolete Equipment	Mt. Vernon	Mt. Vernon	Install filter separator at Oliver Storage Field	N/A	2018					Prioritized to 2018 to prevent debris after pigging operations						N		
3041	16202801054015	Valves / Operators / Remote Cntrl	Evansville	Midway	Install RCVs at Alcoa tie-over station	2017	2017											Y		
3119	16202801054012	ILI Retrofits	Boonville	Newburgh	12" Long Rd. Stn to Midway Storage Field - ILI retrofit 19.35 miles of pipeline, remediate two pipeline exposures, and proving tool run	2017	2017											Y		
3119	17202801054013	ILI Retrofits	Boonville	Boonville	Distribution support project for 12" Long Rd. to Midway Storage Field retrofits project 3119 - Install 7,475' of 2" PE	2017	2017											Y		
3154	16202801054013	ILI Retrofits	Evansville	Evansville	12" Kasson to Hwy 41 - ILI retrofit 6.65 miles of pipeline, install filters at 7 regulator stations, install filter at one compressor, remediate pipeline exposure, and proving tool run	2017	2017											Y		
3154	17202801054012	ILI Retrofits	Evansville	Evansville	Distribution support project for 12" Kasson-41 retrofit - Install 1,100' of 2" PE	2017	2017											Y		
4090	16202801054014	Obsolete Equipment	Evansville	Evansville	NE Sub Regulator Station Rebuild	2017	2017											Y		
4091	17202801054014	Valves / Operators / Remote Cntrl	Mt. Vernon	Mt. Vernon	Oliver Storage Field Valve Installation	2017	2017											Y		
3409	14202801054017	ILI Retrofits	Evansville	Evansville	16" Kasson to Copperline - ILI retrofit 6.57 miles of pipeline, install filters at 5 regulator stations, and remediate pipeline exposure	2017	2017											Y	Construction in progress.	
3450	16202801054016	Valves / Operators / Remote Cntrl	Mt. Vernon	Mt. Vernon	Oliver Storage Field - Install RCV	2017	2017											Y	Contract labor costs came in under the original estimate. In addition, project was completed without encountering construction challenges that were anticipated.	
4207	17202801054021	Odorizers	Mt. Vernon	Griffin	Griffin Odorizer Replacement	2017	2017											Y	No SCADA changes were required as included in the estimate. The vendor used the installation as a training opportunity and did not charge. Minimal electrical modifications were required.	
3104	17202801054017	Pressure Monitoring / SCADA / RTU	Mt. Vernon	Mt. Vernon	Install SCADA and controllers at North Posey Station	2018	2018											N	Construction in progress.	
3376	17202801054018	Miscellaneous	Mt. Vernon	Mt. Vernon	Remove monolithic insulator at AB Brown	2018	2018											N	Construction in progress.	
3396	17202801054015	Odorizers	Vincennes	Vincennes	Hart St. Odorizer Replacement	2018	2018											N	Construction in progress. Although project is over budget, some charges for the other odorizer projects were placed on this work order. Charges will be corrected and reflected in next filing.	
3462	17202801054019	ILI Retrofits	Mt. Vernon	Mt. Vernon	16" Copperline to ABB - ILI retrofit 8.57 miles of pipeline, pressure test 0.20 miles of pipeline, and proving tool run	2018	2018											N	Construction in progress.	
3463	17202801054020	ILI Retrofits	Mt. Vernon	Mt. Vernon	16" Copperline to SABIC - ILI retrofit 16.26 miles of pipeline and proving tool run	2018	2018											N	Construction in progress.	
3816	17202801054016	Regulator Station	Evansville	Evansville	Rebuild Levee Station	2018	2018											N	Construction in progress.	
3397	18202801054015	Odorizers	Washington	Edwardsport	Edwardsport TGT odorizer replacement	2018	2018											N	Construction in progress.	
3398	18202801054019	Regulator Station	Washington	Oaktown	Oaktown TGT regulator station rebuild and odorizer replacement	2018	2018											N	Construction in progress.	
3399	18202801054018	Odorizers	Washington	Petersburg	Petersburg TGT odorizer replacement	2018	2018											N	Construction in progress.	
4168	18202801054017	Odorizers	Vincennes	Bicknell	Bicknell TGT Odorizer Replacement	2018	2018											N	Construction in progress.	
4169	18202801054016	Odorizers	Vincennes	Freelandville	Freelandville Odorizer Replacement	2018	2018											N	Construction in progress.	
3395	Bundled with Project ID-3464	Gas Quality / Conditioning	Rockport	Chrisney	Install Filter Separator at ANR- Chrisney	2019	N/A					Project bundled - Included in Project ID 3464						N		
3464	18202801054013	ILI Retrofits	Rockport	Midway	12" Midway to MGT - ILI retrofit 8.89 miles of pipeline, replace rectifier and proving tool run	2019	2019					Estimate includes bundled Project IDs 3395, 4078, and 3467						N	Actual charges include preliminary engineering only.	
3462	Bundled with Project ID-3464	Gas Quality / Conditioning	Rockport	Chrisney	Install Filter Separator at MGT- Chrisney	2019	N/A					Project reprioritized beyond the current Compliance Plan ending in 2020	Project bundled - Included in Project ID 3464					N		
3954	TBD	Gas Quality / Conditioning	Rockport	Chrisney	Install ANR Chrisney Gas Chromatograph	2019	N/A											N		
4078	Bundled with Project ID-3464	Pressure Test	Rockport	Midway	12" Midway Storage Field to Chrisney RTU - Pressure test 8.89 miles of pipeline	2019	N/A											N		
3380	TBD	Odorizers	Evansville	Eberfield	Eberfield Odorizer Replacement	2020	2020											N		
3131	TBD	Odorizers	Pt. Branch	Pt. Branch	Pt. Branch Odorizer Replacement	2020	2020											N		
3176	TBD	Valves / Operators / Remote Cntrl	Boonville	Newburgh	8" Women's Hospital Valve Replacement	2020	N/A					Project reprioritized beyond the current Compliance Plan ending in 2020						N		
3346	TBD	Valves / Operators / Remote Cntrl	Mt. Vernon	Mt. Vernon	Oliver Compressor Upgrade	2020	N/A					Project reprioritized beyond the current Compliance Plan ending in 2020						N		
3373	TBD	Miscellaneous	Boonville	Newburgh	Replace AC mitigation near SR 66 & Lincoln	2020	N/A					Project reprioritized beyond the current Compliance Plan ending in 2020						N		
3393	TBD	Regulator Station	Washington	Monroe City	Monroe City Storage Field Heater/Solenoid Upgrade	2020	N/A					Project reprioritized beyond the current Compliance Plan ending in 2020						N		
3451	TBD	Regulator Station	Washington	Monroe City	Bates Showers Regulator Station	2020	N/A											N		

Vectren South  
Compliance Plan - Transmission Modernization Projects

Database Project Number	Oracle Project Number	Project Category	OC	City	Project Short Description	Previous Planned Year (4/2/18)	Current Planned Year	Previous Estimate (4/2/18)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary	Estimate Variance Commentary	Current Period Actual Spend (1/1/18 - 6/30/18)	Inception to Date Actual Spend (1/1/14 - 6/30/18)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary	
3280	15202801054013	ILI Retrofits	Evansville	Mt. Vernon	12" Oliver Storage Field to Kasson Station - ILI retrofit 1.00 miles of pipeline	2016	2016												Y	
3003	14202801054011	Pressure Test	Evansville	Evansville	16" Kasson to OBH - Pressure test and ILI retrofit 6.64 miles of pipeline	2015	2015												Y	Prior year project
3711	16202801054011	Obsolete Equipment	Evansville	Evansville	Replace heater at Virginia Rupper regulator station	2016	2016												Y	Materials were higher than estimated due to greater than estimated glycol coolant cost and unanticipated required rework of the existing valve set. Sidewalk/step restoration, paint and fencing costs were greater than estimated.
4250	18202801054213	ILI Retrofits	Evansville	Evansville	Distribution support project for 16" Kasson to Copperline retrofit - Install 500' of 2" PE	N/A	2018					Distribution support project required to maintain feed to install filters as part of Project IDs 3409/3462						N		
3392	TBD	Gas Quality / Conditioning	Mt. Vernon	Mt. Vernon	Install chromatograph at Oliver Storage Field	N/A	2019					Project prioritized to 2019 due to internal corrosion study for optimal chromatograph locations						N		
3394	TBD	Gas Quality / Conditioning	Washington	Monroe City	Install chromatograph at Monroe City Storage Field	N/A	2019					Project prioritized to 2019 due to internal corrosion study for optimal chromatograph locations						N		
4299	TBD	Gas Quality / Conditioning	Rockport	Midway	Install filter separator at Midway Storage Field	N/A	2020					Project prioritized to 2020 to improve gas quality from storage field						N		
4186	TBD	Gas Quality / Conditioning	Vincennes	Monroe City	Install hydrogen sulfide removal system at Monroe City Storage Field	N/A	2020					Project prioritized to 2020 to improve gas quality from storage field						N		
4288	TBD	Exposures	Vincennes	Monroe City	Remediate four (4) pipeline exposures within Monroe City Storage Field	N/A	2020					Project prioritized to 2020 to mitigate multiple exposures in close proximity						N		
3108	TBD	Pressure Test	Evansville	Evansville	12" Kasson-Upper Mt. Vernon - Pressure test 2.05 miles of pipeline and remediate four (4) pipeline exposures on 12" Kasson to BAGGS pipeline	N/A	2020					Project prioritized to 2020 to complete pressure on pipeline mitigate multiple exposures in close proximity						N		

Vectren South  
Compliance Plan - Distribution Modernization Projects

Database Project Number	Maximo Work Order Number	Oracle Project Number	Project Category	OC	City	Project Short Description	Previous Planned Year (4/2/18)	Current Planned Year	Previous Estimate (4/2/18)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary	Estimate Variance Commentary	Current Period Actual Spend (1/1/18 - 6/30/18)	Inception to Date Actual Spend (1/1/14 - 6/30/18)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary
623	14601919	17585501050213	Bridge Crossings	Fort Branch	Hausstadt	IN-HAUBSTADT-SR 68 & CR 250 E-RELOCATE 2' STL BRIDGE CROSSING	2017	2017											Y	Job was completed mostly with in-house labor which resulted in lower than estimated labor costs. Since the job was completed with in-house crews, no external inspection services were needed. Labor, restoration, traffic control, and inspection were all less than estimated.
777	14713164	14585601050212	Non-Commercially Available Pipe Size	Boonville	Newburgh	IN-NEWBURGH-STEVENSSON STATION RD-REPLACE 2,300' OF 2" EXTRUBE PIPE	2017	2017											Y	Project was completed mostly with in-house crews, this resulted in lower labor costs. Easement, surveyor, traffic control and sewer locating all came in less than estimated.
782	10686979	14585401050235	Non-Commercially Available Pipe Size	Evansville	Evansville	IN-EVANSVILLE-PLEASANT RIDGE MO HO PK-REPLACE 1,750' OF 2" EXTRUBE PIPE	2017	2017											Y	
792	11366256	14585601050221	Non-Commercially Available Pipe Size	Boonville	Newburgh	IN-NEWBURGH-CHESTNUT DR & SPRUCE DR-REPLACE 1,355' OF 2" EXTRUBE PIPE	2017	2017											Y	
794	12903266	16585401050214	Non-Commercially Available Pipe Size	Evansville	Evansville	IN-EVANSVILLE-W BUENA VISTA RD & N FOURTH AVE-REPLACE 1,300' OF 2" EXTRUBE PIPE	2017	2017											Y	
795	14506173	17585401050215	Non-Commercially Available Pipe Size	Evansville	Evansville	IN-EVANSVILLE-BURKHARDT AND LINCOLN AVE-REPLACE 1,018' OF 2" EXTRUBE PIPE	2017	2017											Y	An additional 300 feet of main was replaced than originally estimated due to extrube (extruded tubing - obsolete material) pipe that was discovered during construction.
797	14506184	17585401050216	Non-Commercially Available Pipe Size	Evansville	Evansville	IN-EVANSVILLE-BOEHNE CAMP RD-REPLACE 4,237' OF 2" EXTRUBE PIPE	2017	2017											Y	Restoration costs were less than estimated due to construction being outside of the roadway. Cost of obtaining easement was also less than estimated.
828	3578248	16585401050213	Obsolete Equipment	Evansville	Evansville	IN-EVANSVILLE-POLLACK AVENUE-REBUILD REGULATOR STATION	2017	2017											Y	
1401	N/A	585450001	Inside Meters	N/A	N/A	2017 SW INSIDE METERS	2017	2017											N	Completed 10% of project, the remaining work to be scheduled and completed in future.
1422	N/A	585450003	Ineffectively Coated Steel	N/A	N/A	2017 SW ISOLATED SERVICES	2017	2017											N	Focused operational resources on isolated service replacements during 2017.
1446	N/A	585450002	Obsolete Equipment	N/A	N/A	2017 SW OBSOLETE RISERS	2017	2017											N	Focused operational resources on obsolete risers during 2017.
2074	12465322	15585501050213	Pressure Monitoring / SCADA / RTU	Fort Branch	Fort Branch	IN-FORT BRANCH-RS#194-INSTALL ERX	2017	2017											Y	Job was completed with in-house labor which resulted in lower than estimated labor costs. The original estimate was based on contractor labor with higher labor hours. Materials for the ERX install were not charged to this project, but to project 2078.
2078	12465556	15585701050214	Pressure Monitoring / SCADA / RTU	Washington	Petersburg	IN-PETERSBURG-SR 65-INSTALL ERX	2017	2017											Y	Material actual charges are higher than estimated. Materials for multiple MOD ERX projects are charged to this project, reducing costs on other ERX installations.
2079	12465520	15585701050213	Pressure Monitoring / SCADA / RTU	Vincennes	Bruceville	IN-BRUCEVILLE-W MAIN ST & N CROSS ST-INSTALL ERX	2017	2017											Y	Materials for the ERX install were not charged to this project, but to 2078. Transfer of charges are pending.
2080	13089394	16585701050210	Pressure Monitoring / SCADA / RTU	Vincennes	Vincennes	IN-VINCENNES-RS#VQ2-INSTALL ERX	2017	2017											Y	
2083	13132703	16585501050210	Pressure Monitoring / SCADA / RTU	Fort Branch	Oakland City	IN-OAKLAND CITY-RS#OC-191-INSTALL ERX	2017	2017											Y	Actual labor was less than estimated because the job was installed with no issues, labor contingency was not needed.
2124	13639688	16585701050214	Exposures	Vincennes	Wheatland	IN-WHEATLAND-STRAWBERRY HALL RD-REMEDiate (2) 10" HP STL MAIN EXPOSURES	2017	2017											Y	
2127	13641591	16585701050215	Exposures	Washington	Washington	IN-WHEATLAND-E US HWY 50-DEBORD FARM-REMEDiate 10" HP STL MAIN EXPOSURE	2017	2017											Y	
2128	13638311	16585701050213	Exposures	Washington	Washington	IN-WASHINGTON-HAWKINS CREEK-REMEDiate 10" HP STL MAIN EXPOSURE	2017	2017											Y	
2937	12465271	15585601050213	Pressure Monitoring / SCADA / RTU	Boonville	Newburgh	IN-NEWBURGH-PROSPECT DR-INSTALL ERX	2017	2017											Y	Job was completed with in-house labor which resulted in lower than estimated labor costs. The original estimate was based on contractor labor with higher labor hours.
2938	12464983	15585401050216	Pressure Monitoring / SCADA / RTU	Evansville	Eberfeld	IN-ELBERFELD-ZOAR CHURCH RD & WATER'S EDGE DR-INSTALL ERX	2017	2017											Y	
2940	13132740	16585501050212	Pressure Monitoring / SCADA / RTU	Fort Branch	Oakland City	IN-OAKLAND CITY-RS#K223-INSTALL ERX	2017	2017											Y	Actual instrument and fitting material charges were greater than estimate.
3620	12541595	17585701050210	Exposures	Vincennes	Vincennes	IN-BRUCEVILLE-2996 CHURCH RD-RELOCATE 2' STL BRIDGE CROSSING	2017	2017											Y	Restoration and inspector charges were less than estimated. The service line was able to be tied over and not replaced, which also reduced actual costs.
3640	12782972	17585601050210	Obsolete Equipment	Boonville	Newburgh	IN-BOONVILLE-MOD 3640-EBLE RD (CR 550 S)-RS#136-REPLACE REGULATOR	2017	2017											Y	Project costs were charged to a different project. In process of transferring costs to this project.
3727	14375808	17585701050212	Exposures	Washington	Loogootee	IN-LOOGOOTE-125 COOPER ST-REMEDiate 2' STL MAIN EXPOSURE	2017	2017											Y	Installed 14 feet less main, restoration, and inspection were lower than estimate. Original estimate accounted for sewer locate challenges which were not encountered during construction. Construction crew was able to bore more main than open cut and not all charges have been incurred on this project.

Database Project Number	Oracle Work Order Number	Oracle Project Number	Project Category	OC	City	Project Short Description	Previous Planned Year (4/21/18)	Current Year	Previous Estimate (4/21/18)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary	Estimate Variance Commentary	Current Period Actual Spend (1/1/18 - 6/30/18)	Inception to Date Actual Spend (1/1/14 - 6/30/18)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary	
3869	14167738	16585401050215	Inside Meters	Evansville	Evansville	IN-EVANSVILLE-2607 WASHINGTON AVE-RELOCATE INSIDE METERS	2017	2017												Y	Material and Hydromax contract work (plumbing and sewer locate) was less than estimated.
3870	14167849	16585401050216	Inside Meters	Evansville	Evansville	IN-EVANSVILLE-2613 WASHINGTON AVE-RELOCATE INSIDE METERS	2017	2017												Y	Material and Hydromax contract work (plumbing and sewer locate) was less than estimated.
3871	14167851	16585401050217	Inside Meters	Evansville	Evansville	IN-EVANSVILLE-2617 WASHINGTON AVE-RELOCATE INSIDE METERS	2017	2017												Y	Material and Hydromax contract work (plumbing and sewer locate) was less than estimated.
3977	14793861	17585401050011	Priority Pipe	Evansville	Evansville	IN-EVANSVILLE-E LOUISIANA & N EVANS AVE-REPLACE 540' OF 2" STL MAIN	2017	2017												Y	
4074	14899624	17585501050214	Priority Pipe	Mt. Vernon	Mount Vernon	IN-MOUNT VERNON-2700 BLUFF RD-REPLACE LEAKING VALVE ON 4" STL SERVICE	2017	2017												Y	Depth of the main and valve required rental and use of a shoring box to safely allow the crew to complete the work. Depth of main was not reflected on the historical work order.
4084	14952331	17585401050226	Bridge Crossings	Mt. Vernon	Wadesville	IN-WADESVILLE-VIENNA RD-RELOCATE 2" PE BRIDGE CROSSING	2017	2017												Y	First attempt by contractor to make the bore was unsuccessful due to rock under the ditch. A specialized contractor was required to make the bore increasing the project cost. Rock was not anticipated in this location.
4150	15131780	17585501050217	Exposures	Mt. Vernon	Mount Vernon	IN-MOUNT VERNON-9101 S FORD RD-RETIRE 85' OF EXPOSED 2" PE MAIN	2017	2017												Y	Actual charges were incorrectly applied to another account (not DMOD), in the process of transferring charges to this job.
498	14979825	17585401050225	Inside Meters	Evansville	Evansville	IN-EVANSVILLE-2215 N KENTUCKY AVE-REMOVE INSIDE METERS	2018	2018												Y	Restoration costs were more than estimated due to additional asphalt and concrete needed after it was necessary to route main through an alley/parking lot. Also, additional cost were incurred due to the complexity of running the new fuel lines from the new outside meters to the existing inside meters.
584	14365078	17585401050210	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-901 HOING RD-RELOCATE 2" STL BRIDGE CROSSING	2018	2018												Y	
1423	N/A	585450003	Ineffectively Coated Steel	N/A	N/A	2018 SW ISOLATED SERVICES	2018	2018												N	
1447	N/A	585450002	Obsolete Equipment	N/A	N/A	2018 SW OBSOLETE RISERS	2018	2018												N	Construction in progress and is trending on target to estimate.
1879	14562282	17585401050218	Exposures	Evansville	Evansville	IN-EVANSVILLE-851 N RED BANK RD-REMEDiate 4" STL MAIN EXPOSURE	2018	2018												N	Construction in progress and is trending on target to estimate.
1886	11647972	17585501032212	Obsolete Equipment	Mt. Vernon	Mount Vernon	IN-MOUNT VERNON-REPLACE BRISTOL MYERS REGULATOR	2018	2018												N	Project has not started, but is scheduled to start in the 2018.
2117	14365108	17585401050212	Exposures	Evansville	Evansville	IN-EVANSVILLE-2424 SCHUTTE RD-REMEDiate 4" STL MAIN EXPOSURE	2018	2018												Y	Increased restoration due to additional spot holes required to locate several existing utilities for long services. Also, open trenched due to other utilities being too close to the new main for directional bore installation.
2118	14365218	17585401050213	Exposures	Evansville	Evansville	IN-EVANSVILLE-1634 SPEAKER RD-REMEDiate 2" STL MAIN EXPOSURE	2018	2018												Y	
2119	14561721	17585701050214	Exposures	Vincennes	Wheatland	IN-WHEATLAND-POWELL FARMS-REMEDiate 21 10' HP STL MAIN EXPOSURES	2018	2018												N	Construction in progress and is trending on target to estimate.
2121	14561783	17585701050215	Exposures	Vincennes	Wheatland	IN-WHEATLAND-3 GRAY BARN RD-REMEDiate 10' HP STL MAIN EXPOSURE	2018	2018												N	Construction in progress and is trending on target to estimate.
2122	14561856	17585701050216	Exposures	Vincennes	Wheatland	IN-WHEATLAND-MATTHEWS FARM-REMEDiate 10' HP STL MAIN EXPOSURE	2018	2018												N	Construction in progress and is trending on target to estimate.
2123	14561827	17585701050217	Exposures	Vincennes	Wheatland	IN-WHEATLAND-1238 S ENLEY RD-REMEDiate 10' HP STL MAIN EXPOSURE	2018	2018												N	Construction in progress and is trending on target to estimate.
2126	14561982	17585701050218	Exposures	Vincennes	Wheatland	IN-WHEATLAND-PATRICK DITCH-REMEDiate 10' HP STL MAIN EXPOSURE	2018	2018												N	Construction in progress and is trending on target to estimate.
2858	10528223	17585401050214	Exposures	Evansville	Evansville	IN-EVANSVILLE-114 EISSLER RD-REMEDiate 2" STL MAIN EXPOSURE	2018	2018												Y	Labor charges were changed from unit pricing to time & material rates due to the complexity of the bore, difficulty in locating the forced sewer, and the complexity and depth of the tie-ins.
3733	14585048	17585401050220	Ineffectively Coated Steel	Evansville	Evansville	IN-EVANSVILLE-N FIRST AVE-EICHEL TO COLUMBIA-REPLACE 2,200' OF 12" STL MAIN	2018	2018												N	Not all charges have been incurred.
3801	14585049	17585401050222	Non-Commercially Available Pipe Size	Evansville	Eberfeld	IN-ELBERFELD-STANLEY RD & CR 1050 W-REPLACE 3,500' OF 2" EXTRUDE PIPE	2018	2018												Y	Not all charges have been incurred.
3860	14585050	17585401050221	Ineffectively Coated Steel	Evansville	Evansville	IN-EVANSVILLE-CASS AVE (S WEINBACH & S ALVORD)-REPLACE 1,350' OF 2" INEFFECTIVELY COATED STEEL	2018	2018												Y	Restoration costs were less than estimated due to construction being outside of the roadway. Cost of inspection and traffic control were also less than estimated.
3862	14585051	17585601050212	Shallow Pipe	Rockport	Rockport	IN-ROCKPORT-SR 66 & SILVERDALE RD-REPLACE 1,250' OF SHALLOW 4" STL HP PIPE	2018	2018												N	
4068	15030684	17585401050227	Exposures	Evansville	Evansville	IN-EVANSVILLE-HILLVIEW DR-REMEDiate EXPOSED 2" PE MAIN	2018	2018												Y	
4219	TBD	TBD	Obsolete Equipment	Vincennes	Monroe City	IN-MONROE CITY-REPLACE 2" HP STL CRITICAL VALVE 4714	2018	2018												N	
4279	16126513	18585401050210	Exposures	Evansville	Evansville	IN-EVANSVILLE-TELEPHONE ROAD --- INSTALL 630' OF 2" PE TO REMEDIATE PE EXPOSURE AND TIE-OVER FOUR (4) SERVICES	N/A	2018					Project prioritized to 2018 to remediate plastic main exposure Project added to 2018 to rebuild regulator station that was previously a farm tap that does meet current design standards						N		
4280	16127425	18585701050212	Regulator Station	Vincennes	Vincennes	IN-VINCENNES-HICKORY CORNER & MARTINDALE --- REBUILD REGULATOR STATION 1462	N/A	2018												N	
528	10686330	14585401050213	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-5609 MIDDLE MT VERNON RD ---RELOCATE 2" STL BRIDGE CROSSING	2019	2019						The current estimate incorporates field site visits, surveys, drawings, etc. to develop a detailed estimate compared to the previous preliminary estimate. The current capital estimate has adjusted the various estimate components such as replacing 2" gas main, removing gas main off bridge, boring under creek, labor cost based on unit pricing, road restoration, current material prices for scope of work and additional traffic control required for bore under creek.					N		
588	14562304	Bundled with Project ID 3732	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-FIRST AVE ---RELOCATE 12"-STL BRIDGE CROSSING	2049	2049						Project bundled - Included in Project ID 3732.						N	
593	15334130	17585601050213	Bridge Crossings	Boonville	Newburgh	IN-NEWBURGH-SIELER RD-RELOCATE 2" STL BRIDGE CROSSING	2019	2019												N	
785	10686994	14585601050214	Non-Commercially Available Pipe Size	Boonville	Newburgh	IN-NEWBURGH-ANDERSON RD --- REPLACE 1,530' OF 2" EXTRUDE PIPE	2019	2019						The initial estimate was based on replacing 1,530' of 2" gas main and 12 services. The current capital estimate is based on replacing 1,945' of 2" gas main and 13 services. Additional cost includes road restoration, traffic control, current material prices, inspector cost and labor cost based on unit pricing.					N		
790	10687002	14585601050215	Non-Commercially Available Pipe Size	Boonville	Newburgh	IN-NEWBURGH-ROSE HILL --- REPLACE 735' OF 2" EXTRUDE PIPE	2019	2019						The initial estimate was based on replacing 735' of 2" gas main and 15 services. The current capital estimate is based on replacing 740' of 2" gas main and 15 services. The current capital estimate has adjusted the various estimate components such as boring under a creek, welding requirements for 2" steel taps, road restoration, traffic control, current material prices, inspector cost and labor cost based on unit pricing.					N		
1424	N/A	585450003	Ineffectively Coated Steel	N/A	N/A	2019 SW ISOLATED SERVICES	2019	2019												N	
1448	N/A	585450002	Obsolete Equipment	N/A	N/A	2019 SW OBSOLETE RISERS	2019	2019												N	

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Vectren South  
Compliance Plan - Distribution Modernization Projects

Database Project Number	Maximo Work Order Number	Oracle Project Number	Project Category	OC	City	Project Short Description	Previous Planned Year (4/21/18)	Current Planned Year	Previous Estimate (4/21/18)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary	Estimate Variance Commentary	Current Period Actual Spend (1/1/18 - 6/30/18)	Inception to Date Actual Spend (1/1/14 - 6/30/18)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary	
579	10686860	14585401050226	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-11801 WALNUT RD-SOUTH CAMPBELL RD -- RELOCATE 2" STL BRIDGE CROSSING	2020	2020												N	
580	10686869	14585401050227	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-15110 OLD PETERSBURG RD-RELOCATE 2" STL BRIDGE CROSSING	2020	2020												N	
587	TBD	TBD	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-STRINGTOWN RD- REPLACE 4" STL BRIDGE CROSSING	2020	2020												N	
589	TBD	TBD	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-5101 UPPER MT VERNON RD-RELOCATE 4" STL BRIDGE CROSSING	2020	2020												N	
639	TBD	TBD	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-BOEHNE CAMP & MIDDLE MT VERNON RD-RELOCATE 2" STL BRIDGE CROSSING	2020	2020												N	
789	10687000	14585401050236	Non-Commercially Available Pipe Size	Boonville	Newburgh	IN-NEWBURGH-BROADVIEW -- REPLACE 1,980' OF 2" EXTRUBE PIPE	2020	2020												N	
791	11366189	14585601050220	Non-Commercially Available Pipe Size	Boonville	Newburgh	IN-NEWBURGH-RIDGEMONT DR -- REPLACE 1,650' OF 2" EXTRUBE PIPE	2020	2020												N	
793	11366257	14585601050222	Non-Commercially Available Pipe Size	Boonville	Newburgh	IN-NEWBURGH-GOURLEY PL-REPLACE 1,190' OF 2" EXTRUBE PIPE	2020	2020												N	
798	TBD	TBD	Non-Commercially Available Pipe Size	Boonville	Newburgh	IN-NEWBURGH-SHARON RD-REPLACE 2,718' OF 2" EXTRUBE PIPE	2020	2020							Updated estimate to include an additional 172' of replacement and reduced number of services from 42 to 19 based on further review				N		
799	TBD	TBD	Non-Commercially Available Pipe Size	Mt. Vernon	Wadesville	IN-NEWBURGH-SHARON RD-REPLACE 2,900' OF 2" EXTRUBE PIPE	2020	2020							Updated estimate to include replacing 276' of 4" main with 2" main and reduced number of services from 55 to 16 based on further review				N		
803	TBD	TBD	Non-Commercially Available Pipe Size	Boonville	Newburgh	IN-NEWBURGH-ELLERBRUSCH RD-REPLACE 2,891' OF 2" EXTRUBE PIPE	2020	2020							Updated estimate to reduce number of services from 44 to 6 based on further review				N		
804	TBD	TBD	Non-Commercially Available Pipe Size	Rockport	Richland City	IN-RICHLAND CITY-SANDRIDGE-REPLACE 2,256' OF 2" EXTRUBE PIPE	2020	2020							Updated estimate to reduce number of services from 34 to 4 based on further review				N		
836	10786482	TBD	Exposures	Evansville	Evansville	IN-EVANSVILLE-41 E SUNRISE DR-REMEDiate 2" STL MAIN EXPOSURE	2020	2020							Updated estimate of new main installed from 4" steel to 2" steel				N		
1425	N/A	585450003	Ineffectively Coated Steel	N/A	N/A	2020 SW ISOLATED SERVICES	2020	2020												N	
1449	N/A	585450002	Obsolete Equipment	N/A	N/A	2020 SW OBSOLETE RISERS	2020	2020												N	
1684	TBD	TBD	Non-Commercially Available Pipe Size	Evansville	Evansville	IN-EVANSVILLE-BURKHARDT & PEACOCK-REPLACE 4,200' OF 2" EXTRUBE PIPE	2020	2020												N	
1687	11364951	TBD	Non-Commercially Available Pipe Size	Mt. Vernon	Wadesville	IN-WADESVILLE-HWY 66 --REPLACE 14,443' OF 2" EXTRUBE PIPE	2020	2020												N	
1688	TBD	TBD	Non-Commercially Available Pipe Size	Mt. Vernon	Wadesville	IN-WADESVILLE-STERLEY RD -- REPLACE 14,711' OF 2" EXTRUBE PIPE	N/A	2020						Project reprioritized to 2020						N	
3616	10280403	TBD	Ineffectively Coated Steel	Fort Branch	Princeton	IN-PRINCETON-PLEASANT VALLEY TRAILER COURT -- REPLACE 1,300' OF THREADED 1-1/4" STL MAIN	N/A	2020						Project reprioritized to 2020						N	
3766	12949898	TBD	Encroachments	Mt. Vernon	Mount Vernon	IN-MOUNT VERNON-SIEBERT RD -- INSTALL 1,000' OF 2" PE TO REMEDIATE SERVICE ENCROACHMENTS FROM TRAILERS	N/A	2020						Project reprioritized to 2020						N	
4128	TBD	TBD	Obsolete Equipment	Mt. Vernon	Mount Vernon	IN-MOUNT VERNON-SEIBERT LN -- REPLACE RECTIFIER AND GROUNDED	N/A	2020						Project reprioritized to 2020						N	
4180	TBD	TBD	Shallow Pipe	Evansville	Evansville	IN-EVANSVILLE-FAIRWAY DR -- REMEDIATE 2" STL SHALLOW MAIN	N/A	2020						Project reprioritized to 2020						N	
4203	15456031	TBD	Shallow Pipe	Boonville	Newburgh	IN-NEWBURGH-FAYE LN -- REMEDIATE 2" PE SHALLOW MAIN	N/A	2020						Project reprioritized to 2020						N	
4226	TBD	TBD	Bridge Crossings	Vincennes	Vincennes	IN-VINCENNES-N PRULLAGE RD -- RELOCATE 4" STL BRIDGE CROSSING	N/A	2020						Project reprioritized to 2020						N	
4227	TBD	TBD	Bridge Crossings	Vincennes	Bruceville	IN-BRUCEVILLE-N DAVIS RD -- RELOCATE 2" STL BRIDGE CROSSING	N/A	2020						Project reprioritized to 2020						N	
4235	TBD	TBD	Exposures	Rockport	Rockport	IN-ROCKPORT-SR 161 -- REMEDIATE 1" STL MAIN EXPOSURE	N/A	2020						Project reprioritized to 2020						N	
565	40686402	14585401060212	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-FIRST BRIDGE-EAST-OF-HWY-41-ON-BASELINE -- RELOCATE 2" STL BRIDGE CROSSING	2020	N/A						Project cancelled - Pipeline to be relocated as part of Public Improvement project						N	
564	10686480	14585401050220	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-FRANKLIN ST BRIDGE -- RELOCATE 10' STL BRIDGE CROSSING	2020	N/A						Project reprioritized outside of current filing period						N	
566	40686642	14585401060224	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-BASELINE-RD-AND-KORFF-RD-RELOCATE 2" STL BRIDGE CROSSING	2020	N/A						Project cancelled - Pipeline to be relocated as part of Public Improvement project						N	
578	40686652	14585401050225	Bridge Crossings	Evansville	Evansville	IN-EVANSVILLE-1302 TURMAN RD-RELOCATE 4-144' BRIDGE CROSSING	2016	N/A						Project cancelled - Service line replaced in 2015 and inactive main is still on bridge						N	
2072	TBD	TBD	Pressure Monitoring / SCADA / RTU	Evansville	Evansville	IN-ELBERFELD-REG STA 237-INSTALL ERX	2020	N/A						Project reprioritized outside of current filing period						N	
2203	TBD	TBD	Vintage Plastic	Washington	Petersburg	IN-PETERSBURG-MAP 129-354-REPLACE 285' OF 2" VINTAGE PLASTIC	2020	N/A						Project cancelled - Pipe determined to be steel						N	
				Washington	Oaktown	Oaktown-Station-Rebuild	N/A	N/A						Project cancelled and will be completed as part of TMOOD Project ID 3398						N	DMOD Project ID 3609 will be cancelled and the odorizer replacement will be completed in 2018 with the station rebuild under TMOOD Project ID 3398 (actual spend to be reclassified to TMOOD work order 18202801054019)
3609	N/A	18202801050015	Regulator Station	Fort Branch	Francisco	IN-FRANCISCO-SR 64-REPLACE 4,200' OF 2" EXTRUBE PIPE	2020	N/A						Project cancelled - Pipe determined to be X-tru coating rather than extrube pipe						N	
3797	13706052	16585601050213	Pressure Monitoring / SCADA / RTU	Rockport	Chrisney	IN-CHRISNEY-N CR 450 W-MOD -- INSTALL ERX	2016	2016												Y	Project complete in 2016 - Materials for the ERX install were previously purchased under another Compliance project ( ProjectID 2, MaximoWONUM 9765232) in a prior year.
775	11620649	14585601050217	Obsolete Equipment	Rockport	Hatfield	IN-HATFIELD-REGULATOR STATION 163 -- REBUILD REGULATOR STATION DUE TO OBSOLETE REGULATOR AND INSTALL ERX	2016	2016												Y	
831	12325334	15585401050215	Casings	Evansville	Evansville	IN-EVANSVILLE-6TH AVE & LLOYD EXPRESSWAY-REPLACE SHORTED 12" STL MAIN AND CASING	2016	2016												Y	
3720	N/A	585750001	Obsolete Equipment	Fort Branch	N/A	STYLE 90 DRESSER FITTINGS REPLACEMENT BLANKET IN FRANCISCO/OAKLAND CITY/PRINCETON SYSTEM	2016	2016												N	Additional regulator stations found with fittings that required replacement for Project ID 3721 that were completed in 2017
3795	13706006	16585601050212	Pressure Monitoring / SCADA / RTU	Boonville	Bullocktown	IN-BULLOCKTOWN-PIGEON VALLEY RD -- INSTALL ERX	2016	2016												Y	Easement costs less than estimated and materials for the ERX install were previously purchased under another Compliance project ( ProjectID 2, MaximoWONUM 9765232) in a prior year.

Database Project Number	Maximo Work Order Number	Oracle Project Number	OC	City	Project Short Description	Estimated Installed Footage	Estimated Retired Footage	Estimated Project Services	Previous Planned Year (4/21/8)	Current Planned Year	Previous Estimate (4/21/8)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary	Estimate Variance Commentary	Current Period Actual Spend (1/1/18 - 6/30/18)	Inception to Date Actual Spend (1/1/14 - 6/30/18)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary
S-1176	12340645	15585701052212	WA	WASHINGTON	IN-WASHINGTON-S-1176-BSCI	10,708	10,523	136	2017	2017											Y	Thirteen fewer services were installed compared to the estimate due to inactive services identified during construction. Gas main was not installed on NW 10th St. from Robinson St. to Jefferson St. because there are no active customers in the area. The change decreased the cost of installation and restoration. Construction crew was able to insert more services than planned in the original scope resulting in reduced cost for construction and restoration.
S-1194	12340743	15585701052213	WA	WASHINGTON	IN-WASHINGTON-S-1194-BSCI	7,104	7,153	93	2017	2017											Y	Construction crew replaced 6 sidewalk ramps with new ADA sidewalk ramps due to the location of the new gas main and limited right of way space. Additional cost for open trench gas main due to inability to complete sewer locales. Additional cost for the City of Washington requirements for open cuts across any streets, contractors are now required to mill and grind over cuts by 2 feet in width then repave to a smooth condition for a distance of not less than 50 feet in length on each side of the cut. Additional 145 feet of 2 inch MP PE main was added to the project due to be in into existing 2 inch MP TL and cap further east than shown on construction drawings.
S-1207	13159874	16585501052210	FB	PRINCETON	IN-PRINCETON-S-1207-BSCI	9,141	7,141	89	2017	2017											Y	
S-1208	13159907	16585501052212	FB	PRINCETON	IN-PRINCETON-S-1208-BSCI	10,101	10,719	110	2017	2017											Y	
S-1228	11546896	13585701052217	WA	LOGOOTOEE	IN-LOGOOTOEE-S-1228-BSCI	7,288	7,005	115	2017	2017											Y	10 fewer services installed compared to the estimate due to inactive services found during construction. Original estimate accounted for main to be installed by bore and open cut, the entire project was installed by bore resulting in reduced cost for installation and restoration. Construction crew was able to insert more services than the original scope resulting in reduced cost for construction and restoration.
S-1229	10382676	13585701052218	WA	LOGOOTOEE	IN-LOGOOTOEE-S-1229-BSCI	8,811	7,717	78	2017	2017											Y	
S-1234	10381252	13585701052215	WA	PETERSBURG	IN-PETERSBURG-S-1234-BSCI	11,260	9,925	99	2017	2017											Y	3 fewer services installed compared to the estimate due to inactive services found during construction. Original estimate accounted for main to be installed by bore and open cut, the majority of the project was installed by bore resulting in reduced cost for installation and restoration. Construction crew was able to insert more services than the original scope resulting in reduced cost for construction and restoration.
S-1253	10381282	13585501052212	FB	FRANCISCO	IN-FRANCISCO-S-1253-BSCI	14,204	13,359	122	2017	2017											Y	Actual labor charges were lower than estimated for contractor labor, traffic control, and sewer locating. Restoration costs were lower than estimated due to all the gas main being bored into green space.
S-1268	12340881	15585701052215	VN	VINCENNES	IN-VINCENNES-S-1268-BSCI	8,610	9,050	79	2017	2017											Y	5 fewer services installed compared to the original estimate due to inactive services found during construction. Gas main was not installed on Fr Oak Dr. from N 18th St. to the end of N 18th St. no active customers in the area. The change decreased the cost of installation and restoration. Construction crew was able to insert more services than the original scope resulting in reduced actual cost for construction and restoration.
S-1353	13314602	16585401052212	EV	EVANSVILLE	IN-EVANSVILLE-S-1353-BSCI	6,030	6,330	155	2017	2017											Y	
S-1354	13314640	16585401052213	EV	EVANSVILLE	IN-EVANSVILLE-S-1354-BSCI	7,690	7,625	158	2017	2017											Y	
S-1932	13159909	16585501052213	FB	PRINCETON	IN-PRINCETON-S-1932-BSCI	3,835	4,193	44	2017	2017											Y	Actual cost for restoration and inspection were lower than estimate. The estimate accounted for main to be installed by bore and open cut, the majority of the project was installed by bore resulting in reduced cost for installation and restoration. Construction crew was able to insert more services than the original scope resulting in reduced cost for construction and restoration.
S-2041	12341296	15585401052213	EV	EVANSVILLE	IN-EVANSVILLE-S-2041-BSCI	5,818	6,742	207	2017	2017											Y	
S-2080	13097260	16585401052210	EV	EVANSVILLE	IN-EVANSVILLE-S-2080-BSCI	2,680	8,071	107	2017	2017											Y	
S-2134	13708519	16585701052218	WA	WASHINGTON	IN-WASHINGTON-S-2134-BSCI	1,452	2,889	24	2017	2017											Y	
S-2290	14506246	17585401052212	EV	EVANSVILLE	IN-EVANSVILLE-S-2290-BSCI	0	675	0	2017	2017											Y	
S-2416	14921552	17585401052011	EV	EVANSVILLE	IN-EVANSVILLE-S-2416-BSCI	0	150	0	2017	2017											Y	Retirement only, in house crews were used on the project which resulted in lower actual costs. Construction crews were able to minimize excavation cuts and reduce restoration costs compared to the original estimate.
S-2420	14929546	17585401052225	EV	EVANSVILLE	IN-EVANSVILLE-S-2420-BSCI	0	2,770	0	2017	2017											Y	Retirement only, in house crews were used on the project which resulted in lower actual costs. Construction crews were able to minimize excavation cuts and reduce restoration costs compared to the original estimate.
S-2422	14992692	17585701052226	VN	VINCENNES	IN-VINCENNES-S-2422-BSCI	0	200	1	2017	2017											Y	Retirement only, in house crews were used on the project which resulted in lower actual costs. Construction crews were able to minimize excavation cuts and reduce restoration costs compared to the original estimate.
S-490	12386586	15585701052217	VN	VINCENNES	IN-VINCENNES-S-490-BSCI	5,880	5,565	73	2017	2017											Y	
S-499	12341502	15585401052214	EV	EVANSVILLE	IN-EVANSVILLE-S-499-BSCI	8,867	7,954	180	2017	2017											Y	3 fewer services installed compared to the estimate due to inactive services found during construction. Original estimate accounted for main to be installed by bore and open cut, the majority of the project was installed by bore resulting in reduced cost for installation and restoration. Construction crew was able to insert more services than the original scope resulting in reduced actual cost for construction and restoration.
S-701	12341569	15585401052215	EV	EVANSVILLE	IN-EVANSVILLE-S-701-BSCI	5,753	6,775	169	2017	2017											Y	
S-807	12341633	15585401052216	EV	EVANSVILLE	IN-EVANSVILLE-S-807-BSCI	3,873	4,111	113	2017	2017											Y	

Vectren South  
Compliance Plan - Bare Steel and Cast Iron Projects

Database Project Number	Maximo Work Order Number	Oracle Project Number	OC	City	Project Short Description	Estimated Installed Footage	Estimated Retired Footage	Estimated Project Services	Previous Planned Year (4/2/18)	Current Planned Year	Previous Estimate (4/2/18)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary	Estimate Variance Commentary	Current Period Actual Spend (1/1/18 - 6/30/18)	Inception to Date Actual Spend (1/1/14 - 6/30/18)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary
S-986	8668290	15585401052227	EV	EVANSVILLE	IN-EVANSVILLE-S-986-BSCI	4,890	5,285	143	2017	2017											Y	Actual cost for restoration and inspection were lower than estimate. The estimate accounted for main to be installed by bore and open cut, the majority of the project was installed by bore resulting in reduced cost for installation and restoration. Construction crew was able to insert more services than the original scope resulting in reduced cost for construction and restoration.
S-1175	11466756	14585701052212	WA	WASHINGTON	IN-WASHINGTON-S-1175-BSCI	6,840	6,580	70	2018	2018											Y	Not all charges have been incurred.
S-1177	13589649	16585701052210	WA	WASHINGTON	IN-WASHINGTON-S-1177-BSCI	7,012	6,625	122	2018	2018											N	Construction in progress and is trending on target to estimate.
S-1195	13589678	16585701052212	WA	WASHINGTON	IN-WASHINGTON-S-1195-BSCI	3,442	4,131	43	2018	2018											N	Not all charges have been incurred.
S-1196	13589812	16585701052213	WA	WASHINGTON	IN-WASHINGTON-S-1196-BSCI	9,044	9,026	108	2018	2018											N	Construction in progress and is trending on target to estimate.
S-1224	13589898	16585501052214	FB	PRINCETON	IN-PRINCETON-S-1224-BSCI	3,251	3,923	44	2018	2018											N	Construction in progress and is trending on target to estimate.
S-1243	13590188	16585701052214	VN	VINCENNES	IN-VINCENNES-S-1243-BSCI	3,399	2,583	39	2018	2018											Y	Project has not started, but is scheduled to start in the Fall 2018.
S-1358	13591567	16585401052215	EV	EVANSVILLE	IN-EVANSVILLE-S-1358-BSCI	5,332	4,957	163	2018	2018											N	Project has not started, but is scheduled to start in 2018.
S-1366	14817430	17585401052214	EV	EVANSVILLE	IN-EVANSVILLE-S-1366-BSCI	4,133	4,851	81	2018	2018											N	Construction in progress and is trending on target to estimate.
S-1373	13887291	16585401052219	EV	EVANSVILLE	IN-EVANSVILLE-S-1373-BSCI	4,099	4,354	94	2018	2018											Y	Construction in progress and is trending on target to estimate.
S-1535	11471226	14585701052218	VN	VINCENNES	IN-VINCENNES-S-1535-BSCI	5,780	6,125	0	2018	2018											N	Construction in progress and is trending on target to estimate.
S-1743	12341094	15585401052212	EV	EVANSVILLE	IN-EVANSVILLE-S-1743-BSCI	5,256	7,857	168	2018	2018											Y	Construction in progress and is trending on target to estimate.
S-2101	13591599	16585401052216	EV	EVANSVILLE	IN-EVANSVILLE-S-2101-BSCI	4,199	3,467	79	2018	2018											N	Construction in progress and is trending on target to estimate.
S-2102	13591818	16585501052216	FB	PRINCETON	IN-PRINCETON-S-2102-BSCI	6,256	5,453	60	2018	2018											Y	Construction in progress and is trending on target to estimate.
S-2103	13592143	16585701052215	WA	WASHINGTON	IN-WASHINGTON-S-2103-BSCI	2,203	2,237	43	2018	2018											N	Construction in progress and is trending on target to estimate.
S-2105	13592237	16585501052217	FB	PRINCETON	IN-PRINCETON-S-2105-BSCI	1,658	1,561	9	2018	2018											N	Project has not started, but is scheduled to start in the Fall 2018.
S-2111	13592290	16585401052217	EV	EVANSVILLE	IN-EVANSVILLE-S-2111-BSCI	1,440	1,703	26	2018	2018											N	Construction in progress and is trending on target to estimate.
S-2132	13708422	16585701052217	WA	WASHINGTON	IN-WASHINGTON-S-2132-BSCI	2,470	3,165	30	2018	2018											N	Construction in progress and is trending on target to estimate.
S-2282	14304786	17585401052210	EV	EVANSVILLE	IN-EVANSVILLE-S-2282-BSCI	3,630	3,933	62	2018	2018											N	Project has not started, but is scheduled to start in 2018.
S-2315	14782097	17585501052210	FB	PRINCETON	IN-PRINCETON-S-2315-BSCI	3,624	4,482	48	2018	2018											N	Project has not started, but is scheduled to start in the Fall 2018.
S-24	14819126	17585701052225	VN	VINCENNES	IN-VINCENNES-S-24-BSCI	5,450	7,520	80	2018	2018											N	Project has not started, but is scheduled to start in 2018.
S-2409	14819468	17585401052222	EV	EVANSVILLE	IN-EVANSVILLE-S-2409-BSCI	2,771	3,819	68	2018	2018											N	Project has not started, but is scheduled to start in the Fall 2018.
S-2435	15428710	18585701052210	VN	VINCENNES	IN-VINCENNES-S-2435-BSCI	909	909	9	2018	2018											N	Construction in progress and is trending on target to estimate.
S-2440	15516206	18585401052210	EV	EVANSVILLE	IN-EVANSVILLE-S-2440-BSCI	0	150	0	2018	2018											Y	Not all charges have been incurred.
S-2446	15735990	18585401052212	EV	EVANSVILLE	IN-EVANSVILLE-S-2446-BSCI	7,120	10,135	180	N/A	2018											N	Project has not started, but is scheduled to start in the Fall 2018.
S-691	12386609	15585701052218	VN	VINCENNES	IN-VINCENNES-S-691-BSCI	7,135	8,240	84	2018	2018											Y	Construction in progress and is trending on target to estimate.
S-697	12341391	15585701052216	WA	WASHINGTON	IN-WASHINGTON-S-697-BSCI	2,812	3,457	66	2018	2018											Y	Not all charges have been incurred.
S-700	1387385	16585401052220	EV	EVANSVILLE	IN-EVANSVILLE-S-700-BSCI	5,050	5,027	134	2018	2018											N	Construction in progress and is trending on target to estimate.
S-704	13592348	16585401052218	EV	EVANSVILLE	IN-EVANSVILLE-S-704-BSCI	5,070	4,183	74	2018	2018											Y	Additional 607 feet of main and 3 services added to original estimate - quantities changed from original scoping to final design based on site conditions.
S-1199	14816753	17585701052210	WA	WASHINGTON	IN-WASHINGTON-S-1199-BSCI	8,604	8,246	121	2019	2019											N	Additional 504 feet of main and 3 services added to original estimate - quantities changed from original scoping to final design based on site conditions.
S-1201	14816963	17585701052212	WA	WASHINGTON	IN-WASHINGTON-S-1201-BSCI	8,963	9,482	79	2019	2019											N	Removed 2,900 feet of main and 53 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-1204	14817028	17585701052213	VN	VINCENNES	IN-VINCENNES-S-1204-BSCI	950	2,900	7	2019	2019											N	Removed 1,412 feet of main and 44 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-1230	11466927	14585701052214	WA	LOGOOTE	IN-LOGOOTE-S-1230-BSCI	4,888	6,437	56	2020	2019											N	Project reprioritized to 2019 due to risk assessment/priority.
S-1231	11468964	14585701052215	WA	WASHINGTON	IN-WASHINGTON-S-1231-BSCI	9,684	10,925	106	2022	2019											N	Project reprioritized to 2019 due to risk assessment/priority.
S-1236	11467221	14585701052217	WA	PETERSBURG	IN-PETERSBURG-S-1236-BSCI	4,727	6,988	69	2020	2019											N	Removed 3,338 feet of main and 68 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-1254	14817070	17585701052214	VN	VINCENNES	IN-VINCENNES-S-1254-BSCI	5,890	6,100	108	2019	2019											N	Additional 830 feet of main and 7 services added to original estimate - quantities changed from original scoping to final design based on site conditions.
S-1265	14817116	17585701052215	VN	VINCENNES	IN-VINCENNES-S-1265-BSCI	5,070	4,175	80	2019	2019											N	Additional 3,315 feet of main and 98 services added to original estimate - quantities changed from original scoping to final design based on site conditions.
S-1271	14817135	17585701052216	VN	VINCENNES	IN-VINCENNES-S-1271-BSCI	5,010	7,145	85	2019	2019											N	Removed 1,995 feet of main and 54 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-1355	14817332	17585401052213	EV	EVANSVILLE	IN-EVANSVILLE-S-1355-BSCI	4,906	4,176	100	2019	2019											N	Removed 647 feet of main and 27 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-1356	12340962	15585401052210	EV	EVANSVILLE	IN-EVANSVILLE-S-1356-BSCI	6,945	7,322	247	2022	2019											N	Removed 455 feet of main and 22 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-1376	14817486	17585401052215	EV	EVANSVILLE	IN-EVANSVILLE-S-1376-BSCI	2,981	4,437	9	2019	2019											N	Removed 2,286 feet of main and 13 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-1377	14817559	17585401052216	EV	EVANSVILLE	IN-EVANSVILLE-S-1377-BSCI	3,405	6,290	51	2019	2019											N	Removed 5,024 feet of main and 46 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-1565	14817602	17585701052217	VN	VINCENNES	IN-VINCENNES-S-1565-BSCI	2,770	6,005	23	2019	2019											N	Removed 2,385 feet of main and 37 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-1982	14817669	17585701052218	WA	WASHINGTON	IN-WASHINGTON-S-1982-BSCI	3,583	3,823	58	2019	2019											N	Additional 630 feet of main and 7 services added to original estimate - quantities changed from original scoping to final design based on site conditions.
S-2169	14817738	17585401052217	EV	EVANSVILLE	IN-EVANSVILLE-S-2169-BSCI	5,445	5,265	162	2019	2019											N	Additional 3,315 feet of main and 98 services added to original estimate - quantities changed from original scoping to final design based on site conditions.
S-2183	14817775	17585401052218	EV	EVANSVILLE	IN-EVANSVILLE-S-2183-BSCI	2,135	4,868	14	2019	2019											N	Removed 1,995 feet of main and 54 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-2195	14818013	17585701052219	WA	WASHINGTON	IN-WASHINGTON-S-2195-BSCI	5,083	4,534	60	2019	2019											N	Removed 647 feet of main and 27 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-2200	14818084	17585701052220	VN	VINCENNES	IN-VINCENNES-S-2200-BSCI	2,385	2,555	37	2019	2019											N	Removed 455 feet of main and 22 services from original estimate - quantities changed from original scoping to final design based on site conditions.
S-2347	14818103	17585701052221	WA	WASHINGTON	IN-WASHINGTON-S-2347-BSCI	5,771	5,354	83	2019	2019											N	Additional 630 feet of main and 7 services added to original estimate - quantities changed from original scoping to final design based on site conditions.



Vectren South  
Compliance Plan - Bare Steel and Cast Iron Projects

Database Project Number	Maximo Work Order Number	Oracle Project Number	OC	City	Project Short Description	Estimated Installed Footage	Estimated Retired Footage	Estimated Project Services	Previous Planned Year (4/2/18)	Current Planned Year	Previous Estimate (4/2/18)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary	Estimate Variance Commentary	Current Period Actual Spend (1/1/18 - 6/30/18)	Inception to Date Actual Spend (1/1/14 - 6/30/18)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary
S-2372	14818158	17585701052222	VN	VINCENNES	IN-VINCENNES-S-2372-BSCI	0	3,055	3	2019	2019						Removed 5,500 feet of main and 67 services from original scope and estimate. Preliminary design review and field survey resulted in identification of several facilities being demolished for the expansion of the University of Vincennes campus parking lot and track & field facility. Work will now primarily consist of retirement of the bare steel main.					N	
S-2373	14818240	17585701052223	VN	VINCENNES	IN-VINCENNES-S-2373-BSCI	6,260	5,220	127	2019	2019						Additional costs were added for restoration, traffic and inspection as a result of the preliminary design review and field survey.					N	
S-2386	14818901	17585701052224	WA	WASHINGTON	IN-WASHINGTON-S-2386-BSCI	2,845	3,323	42	2019	2019											N	
S-2395	14818999	17585401052219	EV	EVANSVILLE	IN-EVANSVILLE-S-2395-BSCI	7,252	7,408	61	2019	2019											N	
S-2407	14819177	17585401052220	EV	EVANSVILLE	IN-EVANSVILLE-S-2407-BSCI	5,739	7,889	25	2019	2019						Work scope was expanded to include an additional 3120' of main and 11 services to support a public improvement project the City of Evansville plans to complete in 2020.					N	
S-2408	14819430	17585401052221	EV	EVANSVILLE	IN-EVANSVILLE-S-2408-BSCI	4,620	6,288	103	2019	2019											N	
S-1213	TBD	TBD	VN	VINCENNES	IN-VINCENNES-S-1213-BSCI	5,550	5,550	82	2020	N/A						Project reprioritized beyond the current Compliance Plan ending in 2020					N	
S-1232	16142320	18585701052221	WA	WASHINGTON	IN-WASHINGTON-S-1232-BSCI	3,900	3,900	61	N/A	2020						Project reprioritized to 2020 due to risk assessment/priority.					N	
S-1233	15961066	18585701052212	WA	LOGOOTOEE	IN-LOGOOTOEE-S-1233-BSCI	6,450	6,350	96	N/A	2020						Project reprioritized to 2020 due to risk assessment/priority.					N	
S-1235	11467026	14585701052216	WA	PETERSBURG	IN-PETERSBURG-S-1235-BSCI	5,550	6,950	110	2020	2020											N	
S-1237	12340776	15585701052214	WA	PETERSBURG	IN-PETERSBURG-S-1237-BSCI	4,900	4,630	84	2020	2020											N	
S-1244	15961096	18585701052213	VN	VINCENNES	IN-VINCENNES-S-1244-BSCI	6,600	6,600	98	2020	2020											N	
S-1257	15961116	18585701052214	VN	VINCENNES	IN-VINCENNES-S-1257-BSCI	3,600	3,600	68	2020	2020											N	
S-1260	15961144	18585701052215	VN	VINCENNES	IN-VINCENNES-S-1260-BSCI	6,600	6,600	99	2020	2020											N	
S-1261	TBD	TBD	VN	VINCENNES	IN-VINCENNES-S-1261-BSCI	3,800	3,800	55	2021	N/A						Project reprioritized beyond the current Compliance Plan ending in 2020					N	
S-1262	15961311	18585701052216	VN	VINCENNES	IN-VINCENNES-S-1262-BSCI	5,900	5,900	88	2023	2020						Project reprioritized to 2020 due to risk assessment/priority.					N	
S-1264	TBD	TBD	VN	VINCENNES	IN-VINCENNES-S-1264-BSCI	5,000	5,000	82	2021	N/A						Project reprioritized beyond the current Compliance Plan ending in 2020					N	
S-1371	15961409	18585401052213	EV	EVANSVILLE	IN-EVANSVILLE-S-1371-BSCI	4,325	4,325	67	2020	2020											N	
S-1372	15963331	18585401052214	EV	EVANSVILLE	IN-EVANSVILLE-S-1372-BSCI	5,800	5,800	88	2020	2020											N	
S-1374	15963678	18585401052215	EV	EVANSVILLE	IN-EVANSVILLE-S-1374-BSCI	4,552	4,552	84	2020	2020											N	
S-1381	15963908	18585401052216	EV	EVANSVILLE	IN-EVANSVILLE-S-1381-BSCI	4,790	4,790	74	2020	2020											N	
S-2172	15963928	18585401052217	EV	EVANSVILLE	IN-EVANSVILLE-S-2172-BSCI	3,150	3,150	48	2020	2020											N	
S-2173	15963998	18585401052218	EV	EVANSVILLE	IN-EVANSVILLE-S-2173-BSCI	4,950	4,950	76	2020	2020											N	
S-2176	15964068	18585401052219	EV	EVANSVILLE	IN-EVANSVILLE-S-2176-BSCI	4,930	4,930	61	2020	2020											N	
S-2177	15964090	18585401052220	EV	EVANSVILLE	IN-EVANSVILLE-S-2177-BSCI	4,642	4,642	69	2020	2020											N	
S-2178	15964108	18585401052221	EV	EVANSVILLE	IN-EVANSVILLE-S-2178-BSCI	3,987	3,987	77	2020	2020											N	
S-2190	15964137	18585701052217	WA	PETERSBURG	IN-PETERSBURG-S-2190-BSCI	5,900	5,900	91	2020	2020											N	
S-2192	15964156	18585701052218	WA	PETERSBURG	IN-PETERSBURG-S-2192-BSCI	2,059	2,059	32	2020	2020											N	
S-2198	TBD	TBD	VN	VINCENNES	IN-VINCENNES-S-2198-BSCI	4,700	4,700	76	2021	N/A						Project reprioritized beyond the current Compliance Plan ending in 2020					N	
S-2284	TBD	TBD	EV	EVANSVILLE	IN-EVANSVILLE-S-2284-BSCI	5,101	5,395	85	2021	N/A						Project reprioritized beyond the current Compliance Plan ending in 2020					N	
S-2288	TBD	TBD	VN	VINCENNES	IN-VINCENNES-S-2288-BSCI	5,900	5,900	91	2020	N/A						Project reprioritized beyond the current Compliance Plan ending in 2020					N	
S-2297	15964174	18585701052219	VN	VINCENNES	IN-VINCENNES-S-2297-BSCI	5,028	5,028	42	2022	2020						Project reprioritized to 2020 due to risk assessment/priority.					N	
S-2452	15964254	18585701052220	VN	VINCENNES	IN-VINCENNES-S-2452-BSCI	4,600	4,600	56	2020	2020											N	
S-2464	16142354	18585701052222	WA	PETERSBURG	IN-PETERSBURG-S-2464-BSCI	5,550	5,550	92	2021	2020						Project reprioritized to 2020 due to risk assessment/priority.					N	
S-2465	16142384	18585701052223	WA	PETERSBURG	IN-PETERSBURG-S-2465-BSCI	3,500	3,500	56	2021	2020						Project reprioritized to 2020 due to risk assessment/priority.					N	
S-2466	16142433	18585701052224	WA	PETERSBURG	IN-PETERSBURG-S-2466-BSCI	3,350	3,350	53	2021	2020						Project reprioritized to 2020 due to risk assessment/priority.					N	
S-2467	16142478	18585701052225	WA	LOGOOTOEE	IN-LOGOOTOEE-S-2467-BSCI	6,250	6,250	96	2020	2020											N	
S-702	15964275	18585401052222	EV	EVANSVILLE	IN-EVANSVILLE-S-702-BSCI	4,493	4,493	73	2020	2020											N	
S-2045	12442385	15585401052217	EV	EVANSVILLE	IN-EVANSVILLE-S-2045-BSCI	1,175	1,000	4	2015	2015											Y	Prior year project
S-1206	11466882	14585501052212	FB	PRINCETON	IN-PRINCETON-S-1206-BSCI	9,485	9,660	141	2016	2016											Y	
S-2037	12313112	15585701052210	VN	VINCENNES	IN-VINCENNES-S-2037-BSCI -	2,518	2,011	49	2016	2016											Y	
S-2110	13528401	16585401052214	EV	EVANSVILLE	IN-EVANSVILLE-S-2110-BSCI	0	5,178	0	2016	2016											Y	Retirement only, less restoration cost than original estimate.

Maximo Work Order Number	Oracle Project Number	Project Category	OC	City	Project Short Description	Previous Planned Year (4/2/18)	Current Planned Year	Previous Estimate (4/2/18)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary	Estimate Variance Commentary	Current Period Actual Spend (1/1/18 - 6/30/18)	Inception to Date Actual Spend (1/1/14 - 6/30/18)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary	
1277845	17585701G51214	System Improvement	VN	VINCENNES	IN-VINCENNES-3204 HWY 61 --GRRET- THE OVER TO MEDIUM PRESSURE TO ELIMINATE HIGH PRESSURE SERVICE TAP WHICH WAS BEING TERMED A REGULATOR STATION.	2017	2017												Y	
12622612	16585401G61215	Public Improvement	EV	EVANSVILLE	IN-EVANSVILLE-PECK RD. FROM OLD STATE TO BASELINE RD. RELOCATE MAIN DUE TO ROAD WIDENING PROJECT.	2017	2017												Y	Actual costs were less than estimated due to construction work being less complex than planned which resulted in significantly lower costs for main relocation, surveying, locating, and restoration. Traffic was very light which eliminated the need for contracted traffic control.
12622682	16585601G61214	Public Improvement	BV	NEWBURGH	IN-NEWBURGH-LINCOLN PH II-RELOCATE MAIN DUE TO ROAD IMPROVEMENT PROJECT	2017	2017												Y	
NA	17202801044011	Rural Extension	BV	NEWBURGH	IN-NEWBURGH-WARRICK COUNTY RURAL EXTENSION	2017	2017												Y	
JS103	17200601006011	Gas Production & Storage	N/A	EVANSVILLE	DEHYDRATOR AND MONROE CITY FIELD	2017	2018												N	The final phase of equipment installation for this project is not complete and is currently on track to the original project estimate.
NA	Multiple	Service Replacements	N/A	N/A	2012 SW-BLANKET-SERVICE-REPLACEMENTS	2012	2012					Project cancelled - Indiana Supreme Court decision on multiple-unit projects							N	
UEDES12COMMCO	12200901086011	Gas Communication Equipment	N/A	Vernon	REMOTE-TERMINAL-UNIT-RTU-1-SCADA-INTERFACE	2012	2012					Project cancelled - Indiana Supreme Court decision on multiple-unit projects							N	
12344251	17585701G51210	System Improvement	EV	WASHINGTON	IN-WASHINGTON-FOX RUN DR-GAINS - MOVE METERS FROM ROAD TO STANDARD PLACEMENT AT CUSTOMER STRUCTURES	2017	2017												Y	Project was estimated for inspection by internal resources. Contact Inspector was utilized due to internal inspector resource constraints increasing the inspection cost.
1280668	17585701G51212	System Improvement	WA	WASHINGTON	IN-WASHINGTON'S STATE ROAD 257-SYSTEM IMPROVEMENT-INSTALL GAS MAIN TO CUSTOMER SITE TO ELIMINATE SERVICE ENCRICHMENT(S)	2017	2017												Y	
4703076	17585601G51210	System Improvement	RP	HATFIELD	IN-HATFIELD-OLD HIGHWAY 66-SYSTEM UPRATE TO 60 MAOP	2018	2018												N	
13192793	17585401G51210	System Improvement	EV	EVANSVILLE	IN-EVANSVILLE-SPRING VALLEY GREEN RIVER TO SARATOGA ST- INSTALL MAIN TO INCREASE CAPACITY AND DELIVERABILITY TO CUSTOMERS NORTH OF SADDLEROCK	2017	2017												Y	A large portion of the main was proposed to be installed in hard surface so extra restoration and traffic control was estimated. Main was bored across N. Green River Rd. reducing the required restoration. Dedicated traffic control was not needed for the entire project as estimated. Full-time inspection was estimated but was determined to not be necessary for the entire project.
12622769	17585601G61212	Public Improvement	BV	NEWBURGH	IN-NEWBURGH-OK GROVE PH II HICKORY DR. TO SR 261 - RELOCATE MAIN DUE TO ROAD WIDENING PROJECT.	2018	2018												N	Construction in progress and is trending on target to estimate.
12631884	17585601G51213	System Improvement	BV	NEWBURGH	IN-NEWBURGH-OK GROVE CASEY TO DAK TRAIL 6N ST- INSTALL MAIN TO INCREASE CAPACITY AND DELIVERABILITY TO CUSTOMERS IN VANN INDUSTRIAL PARK AREA	2017	2017												Y	Restoration, surveying, and traffic control were less than estimated due to favorable site conditions and minimal traffic issues. Contingency anticipated for adverse construction conditions - depth of main, etc. - were not encountered.
JS107	17200601006012	Gas Production & Storage	N/A	EVANSVILLE	BOILER REPLACEMENT FOR COMPRESSOR SYSTEM-OLIVER	2017	2017												Y	
317	16200601G06011	Gas Production & Storage	N/A	EVANSVILLE	OLIVER DISPOSAL WELL	2018	2018						The original estimate was based on preliminary plans and included relocation of approximately 7,000' of main. The final road reconstruction plans only require relocation of approximately 3,000' of main which reduced the estimate significantly.					N	Actual charges include preliminary engineering and partial material costs only. Project started in early September 2018. Significant issues have been encountered during construction and costs are trending above estimate.	
12622873	17585401G61210	Public Improvement	EV	EVANSVILLE	IN-EVANSVILLE- GREEN RIVER RD. FROM KANSAS RD. TO BOONVILLE NEW HARMONY RD. - RELOCATE MAIN DUE TO ROAD IMPROVEMENT PROJECT, Phase 6	2018	2018												N	
12622668	17585401G61212	Public Improvement	EV	EVANSVILLE	IN-EVANSVILLE-GREEN RIVER RD. FROM BOONVILLE NEW HARMONY TO SR 57 - RELOCATE MAIN DUE TO ROAD IMPROVEMENT PROJECT, Phase 7	2018	2019					Project moved to 2019 by the City of Evansville.							N	
JS102	TBD	Gas Production & Storage	N/A	EVANSVILLE	JANESVILLE CITY GAS PRESSURE MONITORING WELL	2018	N/A					Project cancelled							N	
JS108	16200601G06013	Gas Production & Storage	N/A	EVANSVILLE	ELECTRICAL COMPRESSOR STATION-MIDWAY	2018	2018												N	
307	16200601G06012	Gas Production & Storage	N/A	EVANSVILLE	MIDWAY DISPOSAL WELL	2018	2018												N	Actual charges include preliminary engineering and partial material costs only.
NA	Multiple	Service Replacements	N/A	N/A	2014 SW-BLANKET-SERVICE-REPLACEMENTS	2014	2014					Project cancelled - Indiana Supreme Court decision on multiple-unit projects							N	
UEDES18COMMCO	12200901086011-18	Gas Communication Equipment	N/A	Vernon	REMOTE-TERMINAL-UNIT-RTU-1-SCADA-INTERFACE	2014	2014					Project cancelled - Indiana Supreme Court decision on multiple-unit projects							N	
13406603	17585501G51210	System Improvement	FB	HAURSTADT	IN-HAURSTADT-US 41 N. SR 68-COMB - INSTALL MAIN TO ENSURE CAPACITY AND DELIVERABILITY ALONG SR 68 AND ALLOW FOR RETIREMENT OF TWO REGULATOR STATIONS AND HIGH PRESSURE SERVICE TAPS ALONG THE ROUTE.	2018	2018												Y	Project was less complex than originally estimated. Restoration came in significantly under estimate and did not need to use any of the project's contingency.
12622617	17585401G61213	Public Improvement	EV	EVANSVILLE	IN-EVANSVILLE-SE 2ND ST & WASHINGTON AVE - RELOCATE MAIN DUE TO ROUNDABOUT PROJECT, Phase 1	2019	2019						Previously filed as one bundled project (12622617). The original project has been split into two phases by the City of Evansville. The 2nd phase is project 116063020.					N		
8068780	17585501G51212	System Improvement	FB	FORT BRANCH	IN-FORT BRANCH-SR 16B-MAN INSTALLATION TO SUPPORT MULTIPLE GRAIN DRIVERS IN THE AREA	2018	2018												N	Construction in progress and is trending on target to estimate.
NA	Multiple	Service Replacements	N/A	N/A	2014 SW-BLANKET-SERVICE-REPLACEMENTS	2014	2014					Project cancelled - Indiana Supreme Court decision on multiple-unit projects							N	
UEDES18COMMCO	12200901086011-19	Gas Communication Equipment	N/A	Vernon	REMOTE-TERMINAL-UNIT-RTU-1-SCADA-INTERFACE	2014	2014					Project cancelled - Indiana Supreme Court decision on multiple-unit projects							N	
10063252	TBD	Public Improvement	EV	EVANSVILLE	IN-EVANSVILLE-SE 2ND ST & WASHINGTON AVE - RELOCATE MAIN DUE TO ROUNDABOUT PROJECT, Phase 2	2019	2020					Previously filed as one bundled project (12622617). The original project has been split into two phases by the City of Evansville.							N	
48660922	47585401G61214	Public Improvement	EV	EVANSVILLE	IN-EVANSVILLE - 1/4 RAIL CORRIDOR - RELOCATE MAIN DUE TO RAIL CORRIDOR PROJECT.	2019	N/A					Project cancelled. After completing the conflict analysis of the final plans it has been determined that there are no conflicts with Vention facilities requiring relocation.							N	Previous estimate was preliminary, current estimate is based on detailed design. Reduced estimate due to finalized scope and reduction in contingency, restoration, and cost of main installation.
12631869	17585601G51212	System Improvement	BV	NEWBURGH	IN-NEWBURGH-FUQUAY TELEPHONE TO SR 261 APPROXIMATELY 1 MILE REPLACEMENT TO INCREASE SYSTEM MINIMUM PRESSURE	2019	2019												N	
NA	Multiple	Service Replacements	N/A	N/A	2014 SW-BLANKET-SERVICE-REPLACEMENTS	2014	2014					Project cancelled - Indiana Supreme Court decision on multiple-unit projects							N	
UEDES16COMMCO	12200901086011-20	Gas Communication Equipment	N/A	Vernon	REMOTE-TERMINAL-UNIT-RTU-1-SCADA-INTERFACE	2014	2014					Project cancelled - Indiana Supreme Court decision on multiple-unit projects							N	
6554660	17585401G51213	System Improvement	EV	EVANSVILLE	IN-EVANSVILLE-FRIESE AND CRANE REPLACE SHORT SECTION OF DAMAGED MAIN WHICH CAN NOT BE REPAIRED	2020	2020												N	
12631457	17585701G51213	System Improvement	WA	WASHINGTON	IN-WASHINGTON-CR 125 E-S-RELOCATE 1/2 MILE OF MAIN TO ADDRESS ACCESS AND ENCRICHMENTS	2020	2020												N	
12622487	17585401G61215	Public Improvement	EV	EVANSVILLE	IN-EVANSVILLE LLOYD AND BURKHARDT ROAD-RELOCATE MAIN DUE TO ROAD IMPROVEMENT PROJECT.	2020	2020												N	
117474767	16585601044210	Rural Extension	BV	NEWBURGH	IN-NEWBURGH-WARRICK COUNTY RURAL EXTENSION	2016	2016												Y	

Vectren South  
TDSIC Plan Projects

Masimo Work Order Number	Oracle Project Number	Project Category	OC	City	Project Short Description	Previous Planned Year (4/2/18)	Current Planned Year	Previous Estimate (4/2/18)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary	Estimate Variance Commentary	Current Period Actual Spend (1/1/18 - 6/30/18)	Inception to Date Actual Spend (1/1/14 - 6/30/18)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary	
J5101	15200601006016	Gas Production & Storage	N/A	EVANSVILLE	INSTALL GAS DEHYDRATION TOWER AND RECYCLER	2016	2018												Y	Actual cost increased due to unanticipated additional work during foundation installation - it was necessary to relocate glycol and gas lines to position foundations for the new equipment.
NA	20856486	System Improvement	N/A	N/A	SIG-BLANKET AND DE-12	N/A	N/A					Project cancelled - Indiana Supreme Court decision on multiple-unit projects						N		

[illegible]

## Vectren South Compliance Projects O&M Summary - 7 Year plan Update

### *Prior plan - Fall 2017*

Funding Category	2014 Actuals	2015 Actuals	2016 Actuals	2017 Plan	2018 Plan	2019 Plan	2020 Plan	7-year Total
Transmission IM	\$1,823,939	\$2,436,010	\$2,688,580	\$2,261,000	\$4,303,609	\$3,565,743	\$4,000,000	\$21,078,881
Distribution IM	\$319,338	\$153,691	\$723,147	\$714,954	\$891,579	\$905,578	\$800,000	\$4,508,287
Facility Damages	\$61,654	\$419,557	\$529,009	\$597,476	\$516,634	\$525,263	\$550,000	\$3,199,593
Operator Qualification/Training	\$0	\$135,604	\$199,121	\$266,081	\$265,708	\$271,400	\$279,542	\$1,417,456
Safety Management System	\$0	\$13,413	\$61,755	\$79,354	\$235,568	\$290,070	\$298,772	\$978,932
Storage Field Safety				\$1,340,000	\$2,200,000	\$1,625,000	\$1,675,000	\$6,840,000
<b>Total</b>	<b>\$2,204,930</b>	<b>\$3,158,274</b>	<b>\$4,201,612</b>	<b>\$5,258,865</b>	<b>\$8,413,098</b>	<b>\$7,183,054</b>	<b>\$7,603,314</b>	<b>\$38,023,148</b>

### *Plan update*

Funding Category	2014 Actuals	2015 Actuals	2016 Actuals	2017 Actuals	2018 Plan	2019 Plan	2020 Plan	7-year Total
Transmission IM	\$1,823,939	\$2,436,010	\$2,688,580	\$2,261,000	\$3,500,000	\$3,733,211	\$4,000,000	\$20,442,740
Distribution IM	\$319,338	\$153,691	\$723,147	\$569,326	\$1,680,000	\$933,469	\$800,000	\$5,178,970
Facility Damages	\$61,654	\$419,557	\$529,009	\$549,770	\$540,000	\$524,987	\$550,000	\$3,174,977
Operator Qualification/Training	\$0	\$135,604	\$199,121	\$220,370	\$280,000	\$252,539	\$279,542	\$1,367,176
Safety Management System	\$0	\$13,413	\$61,755	\$146,437	\$200,000	\$254,412	\$298,772	\$974,788
Storage Field Safety				\$1,102,557	\$2,655,000	\$1,960,000	\$1,945,000	\$7,662,557
<b>Total</b>	<b>\$2,204,930</b>	<b>\$3,158,274</b>	<b>\$4,201,612</b>	<b>\$4,849,460</b>	<b>\$8,855,000</b>	<b>\$7,658,618</b>	<b>\$7,873,314</b>	<b>\$38,801,209</b>