

STATE OF INDIANA

INDIANA UTILITY REGULATORY COMMISSION

VERIFIED PETITION OF INDIANA GAS COMPANY, INC.)
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 NEXT GENERAL RATE CASE, AND (3))
APPROVAL OF PETITIONER'S UPDATED 7-YEAR) CAUSE NO. 44430-TDSIC-13
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

Indiana Gas Company, Inc. d/b/a Vectren Energy Delivery of Indiana, Inc., a CenterPoint Energy Company ("Vectren North" or "Petitioner") petitions the Indiana Utility Regulatory Commission ("Commission") for approval of (a) a Compliance and System Improvement Adjustment ("CSIA"), based on 80% of the calculated revenue requirement on recoverable investments and expenses associated with complying with federal mandates ("the Compliance Projects") and to improve safety, reliability or modernization of its gas pipeline systems ("TDSIC Projects"), in accordance with Ind. Code chpts. 8-1-8.4 and 8-1-39, as set forth in Petitioner's Exhibit No. 4, Attachment JCS-4 to be applicable for bills rendered beginning January 1, 2021 and to 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 Programs that exceed the amounts approved in Cause No. 44430 TDSIC-12 (the "TDSIC-12 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 570,000 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 North filed a Petition, docketed as Cause No. 44430, 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 into Cause No. 44429 in which Vectren North'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 North'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 North is authorized to

implement its CSIA Rate Schedule to recover 80% of the revenue requirement on eligible project investments; (e) Vectren North'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 North 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 adjustments of its CSIA every six months. The Commission has approved adjustments to the CSIA in orders issued in Cause No. 44430 TDSIC-1 ("TDSIC-1 Order"), Cause No. 44430 TDSIC-2 ("TDSIC-2 Order"), Cause No. 44430 TDSIC-3 ("TDSIC-3 Order"), Cause No. 44430 TDSIC-4 ("TDSIC-4 Order"), Cause No. 44430 TDSIC-5 ("TDSIC-5 Order"), Cause No. 44430 TDSIC-6 ("TDSIC-6 Order"), Cause No. 44430 TDSIC-7 ("TDSIC-7 Order"), Cause No. 44430 TDSIC-8 ("TDSIC-8 Order"), Cause No. 44430 TDSIC-9 ("TDSIC-9 Order"), Cause No. 44430 TDSIC-10 ("TDSIC-10 Order"), Cause No. 44430 TDSIC-11 ("TDSIC-11 Order") and the TDSIC-12 Order. In these orders and except as noted below, the Commission (1) held the projects contained in the applicable period of the 7 Year Plan constitute "eligible transmission, distribution, and storage system improvements" within the meaning of Indiana 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 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. 43298 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 a gas pipeline designed to ensure adequate supplies in and around Lafayette, Indiana 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. In TDSIC-10, Petitioner removed, and the Commission accordingly excluded, one TDSIC project, as well as costs incurred during the period within those project categories. In TDSIC-11, Petitioner removed, and the Commission accordingly excluded, two Compliance Projects and the contingency inflation amount for a Distribution Modernization Project.

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, TDSIC-4 Order, TDSIC-5 Order, TDSIC-6 Order, TDSIC-7 Order, TDSIC-8 Order, TDSIC-9 Order, TDSIC-10 Order, TDSIC-11 Order and TDSIC-12 Order (collectively the “TDSIC Orders”), Petitioner requests Commission approval of CSIA rates and charges to be applicable and made effective on January 1, 2021 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.¹ Vectren North also requests Commission approval of the capital investments associated with the Compliance and TDSIC Projects incurred through June 30, 2020 upon which the proposed CSIA charges are based, along with a reconciliation of actual recoveries and actual costs recoverable in the CSIA. Finally, Vectren North 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. 4, Attachment 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, 2020 are attached hereto as Petitioner's Exhibit No. 4, 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),

¹ 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 22, Petitioner requests authority designed to make it financially whole despite this delay.

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.

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. 4, 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 February 13, 2008. 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. 4, 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 Orders, Petitioner conducted a meeting among interested stakeholders on September 1, 2020 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:

Heather A. Watts (Atty. No. 35482-82)
Justin Hage (Atty. No. 33785-32)
CenterPoint Energy, Inc.
One Vectren Square
Evansville, IN 47708
Ms. Watts' Direct Dial: (812) 491-5119
Mr. Hage's Direct Dial: (317) 260-5399
Facsimile: (812) 491-4238
E-mail: Heather.Watts@centerpointenergy.com
Justin.Hage@centerpointenergy.com

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 schedule is as follows:

Date	Event
November 24, 2020	OUCC/Intervenors File Case-in-Chief
December 10, 2020	Petitioner's Rebuttal Testimony
December 21, 2020	Hearing
December 30, 2020	Petitioner Submits Proposed Order
January 7, 2021	OUCC/Intervenors Submit Proposed Order
January 14, 2021	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 (120) 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 2021 will be reconciled to the authorized revenue requirement ultimately approved in TDSIC-13, with any variances recovered in subsequent TDSIC proceedings.

WHEREFORE, Indiana Gas Company, Inc. 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. 4, Attachment JCS-4 to become effective January 1, 2021 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 updates to Petitioner's 7 Year Plan to be described in more detail in its Case-in-Chief;

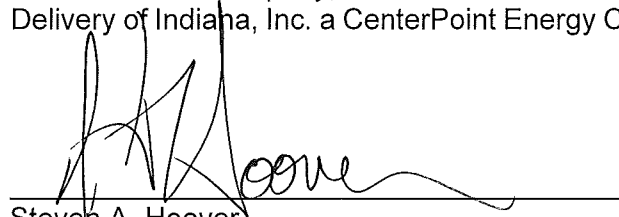
(d) Approving the procedural schedule agreed to among the OUCC and Petitioner;

(e) Authorizing the CSIA costs to be recovered in the month of January 2021 to be reconciled to the authorized revenue requirement ultimately approved in TDSIC-13 with any variances recovered in subsequent TDSIC proceedings;

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

DATED: this 1st day of October, 2020

Indiana Gas Company, Inc. d/b/a Vectren Energy
Delivery of Indiana, Inc. a CenterPoint Energy Company

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

Steven A. Hoover
Regional Director of Gas 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 and jreed@oucc.in.gov.

Dated: October 1, 2020

A handwritten signature in blue ink, reading "Heather A. Watts", is positioned above a horizontal line.

Heather A. Watts
Indiana Atty. No. 35482-82

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
RATE DERIVATION
FOR THE PERIOD OF JANUARY 1, 2021 THROUGH JUNE 30, 2021

	Rate Schedule	Amount	Projected Customer Count	Projected Billing Quantities (therms)	(Per Month)	(Per therm)	Reference
CSIA Allocated Revenue Requirement (A)							
1	210	\$ 51,879,408	567,845 (E)		\$ 7.61		
2	220/229	\$ 15,754,071		203,624,327 (E)		\$ 0.0774	
3	225	\$ 380,291		20,149,474 (E)		\$ 0.0189	
4	240	\$ 402,184		2,697,763 (E)		\$ 0.1491	
5	245	\$ 2,195,845		141,118,956 (E)		\$ 0.0156	
6	260/270	\$ 4,460,909		682,961,220 (E)		\$ 0.0065	
7	Total	<u>\$ 75,072,708</u>					
CSIA Allocated EADIT Credit (B)							
8	210	\$ (8,253,567)	567,845 (E)		\$ (1.21)		
9	220/229	\$ (2,315,680)		203,624,327 (E)		\$ (0.0114)	
10	225	\$ (71,656)		20,149,474 (E)		\$ (0.0036)	
11	240	\$ (45,382)		2,697,763 (E)		\$ (0.0168)	
12	245	\$ (414,410)		141,118,956 (E)		\$ (0.0029)	
13	260/270	\$ (841,957)		682,961,220 (E)		\$ (0.0012)	
14	Total	<u>\$ (11,942,652)</u>					
Subtotal – Annual Allocated Revenue Requirement and EADIT Credit							
15	210	\$ 43,625,841			\$ 6.40		Line 1 + 8
16	220/229	\$ 13,438,391				\$ 0.0660	Line 2 + 9
17	225	\$ 308,635				\$ 0.0153	Line 3 + 10
18	240	\$ 356,802				\$ 0.1323	Line 4 + 11
19	245	\$ 1,781,435				\$ 0.0126	Line 5 + 12
20	260/270	\$ 3,618,952				\$ 0.0053	Line 6 + 13
21	Total	<u>\$ 63,130,056</u>					
CSIA Allocated Variances Under/(Over) Recovery (C)							
22	210	\$ (530,900)	569,661 (F)		\$ (0.16)		
23	220/229	\$ (2,185,556)		125,671,499 (F)		\$ (0.0174)	
24	225	\$ (1,487)		13,460,465 (F)		\$ (0.0001)	
25	240	\$ 73,999		1,579,389 (F)		\$ 0.0469	
26	245	\$ 170,189		77,601,740 (F)		\$ 0.0022	
27	260/270	\$ 174,810		343,990,690 (F)		\$ 0.0005	
28	Total	<u>\$ (2,298,946)</u>					
Total Excluding IURT							
29	210	\$ 43,094,940			\$ 6.25		Line 15 + 22
30	220/229	\$ 11,252,835				\$ 0.0486	Line 16 + 23
31	225	\$ 307,148				\$ 0.0152	Line 17 + 24
32	240	\$ 430,801				\$ 0.1791	Line 18 + 25
33	245	\$ 1,951,624				\$ 0.0148	Line 19 + 26
34	260/270	\$ 3,793,762				\$ 0.0058	Line 20 + 27
35	Total	<u>\$ 60,831,109</u>					
Total Including IURT (D)							
36	210				\$ 6.34		Line 29 / 0.9853
37	220/229					\$ 0.0493	Line 30 / 0.9853
38	225					\$ 0.0154	Line 31 / 0.9853
39	240					\$ 0.1818	Line 32 / 0.9853
40	245					\$ 0.0150	Line 33 / 0.9853
41	260/270					\$ 0.0059	Line 34 / 0.9853

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 0.9853 effective January 1, 2021
(E) Based on 2021 budgeted annual customer count and volumes
(F) Based on 2020 budgeted semi-annual customer count and volumes

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
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	\$ 58,371,557 (A)
2	TDSIC Component - Annual Revenue Requirement	\$ 16,701,151 (B)
3	CSIA Costs to be Recovered	\$ 75,072,708 (C)
4	EADIT Credit Component	\$ (11,942,652) (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)
Line	Rate Schedule	Description						
5	210	Residential Sales Service	69.11%	\$ 40,340,583	69.09%	\$ 11,538,825	69.11%	\$ (8,253,567)
6	220/229	General Sales Service	19.39%	\$ 11,318,245	26.56%	\$ 4,435,826	19.39%	\$ (2,315,680)
7	225	School/Government Transportation Service	0.60%	\$ 350,229	0.18%	\$ 30,062	0.60%	\$ (71,656)
8	240	Interruptible Sales Service	0.38%	\$ 221,812	1.08%	\$ 180,372	0.38%	\$ (45,382)
9	245	Large General Transportation Service	3.47%	\$ 2,025,493	1.02%	\$ 170,352	3.47%	\$ (414,410)
10	260/270	Large Volume Transportation Service & Long-term Contract Service	7.05%	\$ 4,115,195	2.07%	\$ 345,714	7.05%	\$ (841,957)
				<u>\$ 58,371,557</u>		<u>\$ 16,701,151</u>		<u>\$ (11,942,652)</u>

Notes:

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

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

(C) Line 1 + Line 2

(D) From WP JCS-1-2.2 EADIT Credit

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

Line	Rate Schedule		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Annual Total	
Projections (A)																
1	210 - Residential Sales Service	Count	571,460	572,132	571,546	570,579	567,994	564,254	561,627	560,683	561,225	564,793	572,009	575,833	567,845	12 Mos Avg
2	220/229 - General Sales Service	Therms	44,818,803	34,764,194	25,143,956	12,541,762	5,487,885	2,914,899	2,713,712	2,808,790	3,524,393	9,234,944	22,325,145	37,345,846	203,624,327	
3	225 - School/Government Transportation Service	Therms	3,228,187	3,350,583	2,966,392	1,939,931	1,272,367	703,005	521,538	476,300	596,164	649,168	1,619,751	2,826,088	20,149,474	
4	240 - Interruptible Sales Service	Therms	400,792	412,645	258,497	257,174	153,838	96,443	79,168	62,435	88,875	284,301	274,148	329,447	2,697,763	
5	245 - Large General Transportation Service	Therms	19,917,429	14,690,068	15,334,413	12,315,829	8,014,205	7,329,796	7,097,914	7,472,549	7,791,175	10,786,929	15,010,671	15,357,978	141,118,956	
6	260/270 - Large Volume Transportation Service & Long-term Contract Service	Therms	68,325,153	57,860,523	62,625,293	55,990,933	50,422,813	48,765,973	51,696,513	52,306,403	51,475,043	57,225,973	62,823,843	63,442,753	682,961,220	
Applicable Rates (B)																
7	210 - Residential Sales Service	Count	\$ 6.25	\$ 6.25	\$ 6.25	\$ 6.25	\$ 6.25	\$ 6.25	\$ 6.40	\$ 6.40	\$ 6.40	\$ 6.40	\$ 6.40	\$ 6.40		
8	220/229 - General Sales Service	Therms	\$ 0.0486	\$ 0.0486	\$ 0.0486	\$ 0.0486	\$ 0.0486	\$ 0.0486	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660		
9	225 - School/Government Transportation Service	Therms	\$ 0.0152	\$ 0.0152	\$ 0.0152	\$ 0.0152	\$ 0.0152	\$ 0.0152	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0153	\$ 0.0153		
10	240 - Interruptible Sales Service	Therms	\$ 0.1791	\$ 0.1791	\$ 0.1791	\$ 0.1791	\$ 0.1791	\$ 0.1791	\$ 0.1323	\$ 0.1323	\$ 0.1323	\$ 0.1323	\$ 0.1323	\$ 0.1323		
11	245 - Large General Transportation Service	Therms	\$ 0.0148	\$ 0.0148	\$ 0.0148	\$ 0.0148	\$ 0.0148	\$ 0.0148	\$ 0.0126	\$ 0.0126	\$ 0.0126	\$ 0.0126	\$ 0.0126	\$ 0.0126		
12	260/270 - Large Volume Transportation Service & Long-term Contract Service	Therms	\$ 0.0058	\$ 0.0058	\$ 0.0058	\$ 0.0058	\$ 0.0058	\$ 0.0058	\$ 0.0053	\$ 0.0053	\$ 0.0053	\$ 0.0053	\$ 0.0053	\$ 0.0053		
Projected Recoveries																
13	210 - Residential Sales Service	Line 1 x Line 7	\$ 3,569,874	\$ 3,574,072	\$ 3,570,407	\$ 3,564,366	\$ 3,548,221	\$ 3,524,856	\$ 3,595,677	\$ 3,589,637	\$ 3,593,108	\$ 3,615,947	\$ 3,662,148	\$ 3,686,628	\$ 43,094,940	
14	220/229 - General Sales Service	Line 2 x Line 8	\$ 2,178,417	\$ 1,689,713	\$ 1,222,121	\$ 609,592	\$ 266,738	\$ 141,679	\$ 179,094	\$ 185,369	\$ 232,596	\$ 609,469	\$ 1,473,370	\$ 2,464,676	\$ 11,252,835	
15	225 - School/Government Transportation Service	Line 3 x Line 9	\$ 49,090	\$ 50,952	\$ 45,109	\$ 29,500	\$ 19,349	\$ 10,690	\$ 7,989	\$ 7,296	\$ 9,132	\$ 9,943	\$ 24,810	\$ 43,288	\$ 307,148	
16	240 - Interruptible Sales Service	Line 4 x Line 10	\$ 71,786	\$ 73,909	\$ 46,300	\$ 46,063	\$ 27,554	\$ 17,274	\$ 10,471	\$ 8,258	\$ 11,754	\$ 37,601	\$ 36,258	\$ 43,572	\$ 430,801	
17	245 - Large General Transportation Service	Line 5 x Line 11	\$ 295,111	\$ 217,659	\$ 227,206	\$ 182,481	\$ 118,744	\$ 108,604	\$ 89,602	\$ 94,331	\$ 98,353	\$ 136,170	\$ 189,489	\$ 193,874	\$ 1,951,624	
18	260/270 - Large Volume Transportation Service & Long-term Contract Service	Line 6 x Line 12	\$ 396,771	\$ 336,002	\$ 363,671	\$ 325,145	\$ 292,810	\$ 283,189	\$ 273,935	\$ 277,167	\$ 272,762	\$ 303,235	\$ 332,898	\$ 336,178	\$ 3,793,762	
19	Total Recoveries including variances during first six months		\$ 6,561,049	\$ 5,942,306	\$ 5,474,814	\$ 4,757,146	\$ 4,273,417	\$ 4,086,292	\$ 4,156,767	\$ 4,162,057	\$ 4,217,705	\$ 4,712,366	\$ 5,718,974	\$ 6,768,216	\$ 60,831,109	
20	20% Deferred (based on Revenue Requirement piece only)		\$ 2,173,812	\$ 1,944,210	\$ 1,759,747	\$ 1,486,686	\$ 1,312,503	\$ 1,245,423	\$ 1,238,914	\$ 1,240,574	\$ 1,256,880	\$ 1,402,701	\$ 1,699,401	\$ 2,007,325	\$ 18,768,177	

Notes:

- (A) Based on 2021 budgeted annual customer count and volumes
(B) First six months Per JCS-4, Sch 1, Lines 29 - 34. Second six months Per JCS-4, Sch 1, Lines 15 - 20. All rates exclude IURT.

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
Vectren North
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)					
				210	220/229	225	240	245	260/270
2014	\$ 56,218,873	\$ 7,264,772							
2015	\$ 70,030,740	\$ 9,759,277	0.69%	0.70%	0.54%	0.68%	0.58%	1.38%	1.51%
2016	\$ 64,045,655	\$ 11,504,307	1.38%	1.41%	1.08%	1.36%	1.16%	2.76%	3.01%
2017	\$ 95,493,095	\$ 20,076,388	1.40%	1.43%	1.10%	1.38%	1.18%	2.76%	3.01%
2018	\$ 107,880,342	\$ 19,864,479	1.57%	1.59%	1.23%	1.54%	1.32%	3.04%	3.31%
2019	\$ 65,186,175	\$ 16,879,824	1.55%	1.57%	1.22%	1.53%	1.31%	2.97%	3.21%
2020	\$ 80,691,799	\$ 13,792,078	1.46%	1.48%	1.15%	1.43%	1.24%	2.75%	2.97%

Notes:

- (1) Investment as shown in TDSIC-13, Petitioner's Exhibit No. 1, Attachment SAH-3
(2) Expenses as shown in TDSIC-13, 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

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
Vectren North
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)					
			210	220/229	225	240	245	260/270
2014	\$ 32,916,169							
2015	\$ 40,029,771	0.18%	0.18%	0.19%	0.05%	0.43%	0.11%	0.12%
2016	\$ 50,803,952	0.55%	0.56%	0.59%	0.16%	1.32%	0.33%	0.36%
2017	\$ 20,492,255	0.90%	0.91%	0.96%	0.27%	2.13%	0.53%	0.58%
2018	\$ 15,336,328	0.53%	0.54%	0.57%	0.16%	1.24%	0.32%	0.34%
2019	\$ 13,021,433	-0.09%	-0.09%	-0.10%	-0.03%	-0.21%	-0.05%	-0.06%
2020	\$ 11,381,641	0.28%	0.28%	0.30%	0.08%	0.65%	0.17%	0.18%

Notes:

- (1) Investment as shown in TDSIC-13, 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

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
TOTAL ANNUAL REVENUE REQUIREMENT THROUGH JUNE 30, 2020

Line	Description	A = B + C Revenue Requirement Total	B Revenue Requirement 20% Deferred	C Revenue Requirement 80% Recoverable	Reference
1	Compliance Component - Revenue Requirement	\$ 72,964,447	\$ 14,592,890	\$ 58,371,557 (A)	Attachment JCS-2, Schedule 1, Line 17 & 18
2	TDSIC Component - Revenue Requirement	\$ 20,876,438	\$ 4,175,287	\$ 16,701,151 (B)	Attachment JCS-3, Schedule 1, Line 17 & 18 (C)
3	CSIA Revenue Requirement Subtotal	\$ 93,840,885	\$ 18,768,177	\$ 75,072,708	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.

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
ACTUAL VARIANCES BY RATE SCHEDULE THROUGH JUNE 30, 2020

Line	Description	A	B	C	D	E	F	G	H
		Rate Schedule						Total	Reference
	Actual Recoveries (Inclusive of IURT)	210	220/229	225	240	245	260/270		
1	Jan-20	\$ 3,047,410	\$ 2,182,886	\$ 20,983	\$ 22,167	\$ 142,428	\$ 234,779	\$ 5,650,653	(A)
2	Feb-20	\$ 2,806,066	\$ 1,609,493	\$ 20,480	\$ 25,164	\$ 139,069	\$ 210,496	\$ 4,810,768	(A)
3	Mar-20	\$ 2,673,133	\$ 720,689	\$ 16,382	\$ 27,913	\$ 103,899	\$ 204,268	\$ 3,746,285	(A)
4	Apr-20	\$ 2,680,669	\$ 440,189	\$ 10,670	\$ 25,732	\$ 76,848	\$ 155,594	\$ 3,389,703	(A)
5	May-20	\$ 2,679,294	\$ 264,904	\$ 6,998	\$ 11,539	\$ 60,675	\$ 157,329	\$ 3,180,739	(A)
6	Jun-20	\$ 2,682,838	\$ 143,468	\$ 3,867	\$ 8,029	\$ 52,236	\$ 152,937	\$ 3,043,373	(A)
7	Total Actual Recoveries Inclusive of IURT	\$ 16,569,410	\$ 5,361,630	\$ 79,380	\$ 120,544	\$ 575,155	\$ 1,115,403	\$ 23,821,522	Sum Lines 1-6
	Actual Recoveries (Exclusive of IURT)	210	220/229	225	240	245	260/270		
8	Jan-20	\$ 3,002,308	\$ 2,150,580	\$ 20,672	\$ 21,839	\$ 140,320	\$ 231,304	\$ 5,567,023	Line 1 x 0.9852
9	Feb-20	\$ 2,764,537	\$ 1,585,673	\$ 20,177	\$ 24,791	\$ 137,011	\$ 207,381	\$ 4,739,569	Line 2 x 0.9852
10	Mar-20	\$ 2,633,570	\$ 710,023	\$ 16,140	\$ 27,500	\$ 102,362	\$ 201,245	\$ 3,690,840	Line 3 x 0.9852
11	Apr-20	\$ 2,640,995	\$ 433,675	\$ 10,512	\$ 25,352	\$ 75,711	\$ 153,291	\$ 3,339,536	Line 4 x 0.9852
12	May-20	\$ 2,639,641	\$ 260,983	\$ 6,895	\$ 11,368	\$ 59,777	\$ 155,000	\$ 3,133,664	Line 5 x 0.9852
13	Jun-20	\$ 2,643,132	\$ 141,345	\$ 3,809	\$ 7,910	\$ 51,462	\$ 150,673	\$ 2,998,332	Line 6 x 0.9852
14	Total Actual Recoveries Exclusive of IURT	\$ 16,324,183	\$ 5,282,278	\$ 78,205	\$ 118,760	\$ 566,643	\$ 1,098,895	\$ 23,468,964	Sum Lines 8-13
	Approved Recoveries (Exclusive of IURT)	210	220/229	225	240	245	260/270		
15	Jan-20	\$ 2,640,529	\$ 1,113,860	\$ 16,719	\$ 48,915	\$ 192,558	\$ 254,505	\$ 4,267,086	(B)
16	Feb-20	\$ 2,643,634	\$ 851,473	\$ 20,341	\$ 50,362	\$ 140,806	\$ 213,085	\$ 3,919,700	(B)
17	Mar-20	\$ 2,640,923	\$ 617,171	\$ 17,371	\$ 31,549	\$ 146,465	\$ 233,075	\$ 3,686,554	(B)
18	Apr-20	\$ 2,636,455	\$ 305,350	\$ 11,711	\$ 31,387	\$ 116,652	\$ 208,069	\$ 3,309,624	(B)
19	May-20	\$ 2,624,513	\$ 137,104	\$ 6,659	\$ 18,775	\$ 73,553	\$ 185,750	\$ 3,046,353	(B)
20	Jun-20	\$ 2,607,230	\$ 71,762	\$ 3,917	\$ 11,771	\$ 66,798	\$ 179,222	\$ 2,940,700	(B)
21	Total Approved Recoveries Exclusive of IURT	\$ 15,793,283	\$ 3,096,721	\$ 76,717	\$ 192,759	\$ 736,832	\$ 1,273,705	\$ 21,170,017	Sum Lines 15-20
22	Total Variance (C)	\$ (530,900)	\$ (2,185,556)	\$ (1,487)	\$ 73,999	\$ 170,189	\$ 174,810	\$ (2,298,946)	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 for allocation changes made to TDSIC-10.
(C) To Attachment JCS-4, Schedule 1, Lines 22-27

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
ADJUSTMENTS TO APPROVED RECOVERIES BY RATE SCHEDULE THROUGH JUNE 30, 2020

Line	Description	A	B	C	D	E	F	G	H
		Rate Schedule						Total	Reference
	Approved Recoveries (Exclusive of IURT)	210	220/229	225	240	245	260/270		
1	Jan-20	\$ 2,640,529	\$ 1,113,860	\$ 16,719	\$ 48,915	\$ 192,558	\$ 254,505	\$ 4,267,086	(A)
2	Feb-20	\$ 2,643,634	\$ 851,473	\$ 20,341	\$ 50,362	\$ 140,806	\$ 213,085	\$ 3,919,700	(A)
3	Mar-20	\$ 2,640,923	\$ 617,171	\$ 17,371	\$ 31,549	\$ 146,465	\$ 233,075	\$ 3,686,554	(A)
4	Apr-20	\$ 2,636,455	\$ 305,350	\$ 11,711	\$ 31,387	\$ 116,652	\$ 208,069	\$ 3,309,624	(A)
5	May-20	\$ 2,624,513	\$ 137,104	\$ 6,659	\$ 18,775	\$ 73,553	\$ 185,750	\$ 3,046,353	(A)
6	Jun-20	\$ 2,607,230	\$ 71,762	\$ 3,917	\$ 11,771	\$ 66,798	\$ 179,222	\$ 2,940,700	(A)
7	Total Approved Recoveries (Exclusive of IURT)	\$ 15,793,283	\$ 3,096,721	\$ 76,717	\$ 192,759	\$ 736,832	\$ 1,273,705	\$ 21,170,017	Sum Lines 1-6

Notes:

(A) Based on prior CSIA approvals - TDSIC-11, Attachment JCS-4 (Revised), Schedule 3

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
REVISED EXCESS ACCUMULATED DEFERRED INCOME TAX ("EADIT") LIABILITY
As of December 31, 2017

Line	Component	Originating FERC Account		Vectren North - Gas
1	Unbilled Revenue	190	\$	-
2	Property Taxes	190	\$	775,615
3	Bad Debts	190	\$	252,573
4	Accrued Vacation	190	\$	-
5	Capitalized Gas Inventory in Lines	190	\$	-
6	Record Sec. 263A CAP Costs	190	\$	61,631
7	Refund Gas Costs Collected under GCA & FAC	283	\$	(3,491,812)
8	Coal Inventory	283	\$	-
9	Prepaid Insurance	283	\$	(150,243)
10	Construction Deposits	190	\$	385,791
11	FASB 106 Costs	190	\$	1,459,528
12	MGP Reserve Net of Insurance	190	\$	177,003
13	Reverse Exec Restr Stock Accr	190	\$	843,424
14	Deferred Comp/Long-term Incentive Plan	190	\$	1,834,490
15	Prepaid Ohio Excise Tax	190	\$	-
16	Amortization of Debt Expense	283	\$	(532,258)
17	Amortization of Premium on Reacquired Debt	283	\$	-
18	Amortization of Rate Case Expense	283	\$	-
19	Def Debits/Reg Assets	283	\$	(4,301,469)
20	Amortization of Hedging Costs/Losses	283	\$	(524,254)
21	Interest on prepaid OH Excise	283	\$	-
22	Pension Expense in Excess of Tax	283	\$	(3,551,642)
23	Cap Interest- CWIP	190	\$	(51,350)
24	AFUDC CWIP (non-protected)	282	\$	(1,599,238)
25	Depreciation Related (protected)	282	\$	(75,522,569)
26	Repairs (non-protected)	282	\$	(16,099,947)
27	Total		\$	(100,034,727)
28	FERC 190	190	\$	5,738,706
29	FERC 282	282	\$	(93,221,754)
30	FERC 283	283	\$	(12,551,679)
31	Total		\$	(100,034,727)
32	Protected	[Line 25]	\$	(75,522,569)
33	Unprotected	[Line 27 - Line 32]	\$	(24,512,158)
34	Total		\$	(100,034,727)

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
REVISED EXCESS ACCUMULATED DEFERRED INCOME TAX ("EADIT") LIABILITY AMORTIZATION
As of December 31, 2017

Line	Amortization Period Year	ARAM Defined Protected	10-Years Unprotected	Total Excess Deferred Credit
1	2018	\$ (5,625,518)	\$ (2,451,216)	\$ (8,076,734)
2	2019	\$ (5,621,088)	\$ (2,451,216)	\$ (8,072,303)
3	2020	\$ (5,623,781)	\$ (2,451,216)	\$ (8,074,997)
4	2021	\$ (5,963,443)	\$ (2,451,216)	\$ (8,414,659)
5	2022	\$ (6,253,060)	\$ (2,451,216)	\$ (8,704,276)
6	2023	\$ (6,617,484)	\$ (2,451,216)	\$ (9,068,700)
7	2024	\$ (6,520,890)	\$ (2,451,216)	\$ (8,972,106)
8	2025	\$ (6,422,567)	\$ (2,451,216)	\$ (8,873,783)
9	2026	\$ (6,580,118)	\$ (2,451,216)	\$ (9,031,334)
10	2027	\$ (5,579,833)	\$ (2,451,216)	\$ (8,031,049)
11	2028	\$ (988,903)	\$ -	\$ (988,903)
12	2029	\$ (243,748)	\$ -	\$ (243,748)
13	2030	\$ (301,321)	\$ -	\$ (301,321)
14	2031	\$ (431,196)	\$ -	\$ (431,196)
15	2032	\$ (666,045)	\$ -	\$ (666,045)
16	2033	\$ (823,498)	\$ -	\$ (823,498)
17	2034	\$ (846,347)	\$ -	\$ (846,347)
18	2035	\$ (870,613)	\$ -	\$ (870,613)
19	2036	\$ (898,387)	\$ -	\$ (898,387)
20	2037	\$ (918,837)	\$ -	\$ (918,837)
21	2038	\$ (924,170)	\$ -	\$ (924,170)
22	2039	\$ (916,987)	\$ -	\$ (916,987)
23	2040	\$ (912,998)	\$ -	\$ (912,998)
24	2041	\$ (922,383)	\$ -	\$ (922,383)
25	2042	\$ (943,832)	\$ -	\$ (943,832)
26	2043	\$ (943,792)	\$ -	\$ (943,792)
27	2044	\$ (953,773)	\$ -	\$ (953,773)
28	2045	\$ (956,199)	\$ -	\$ (956,199)
29	2046	\$ (251,758)	\$ -	\$ (251,758)
30	2047	\$ -	\$ -	\$ -
31	2048	\$ -	\$ -	\$ -
32	2049	\$ -	\$ -	\$ -
33	2050	\$ -	\$ -	\$ -
34	2051	\$ -	\$ -	\$ -
35	2052	\$ -	\$ -	\$ -
36	2053	\$ -	\$ -	\$ -
37	2054	\$ -	\$ -	\$ -
38	2055	\$ -	\$ -	\$ -
39	Total	\$ (75,522,569)	\$ (24,512,158)	\$ (100,034,727)

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
COMBINED COMPLIANCE AND TDSIC COMPONENT
ANNUAL REVENUE REQUIREMENT THROUGH JUNE 30, 2020

Line	Description	Compliance Component	TDSIC Component	Total Amount	
	<u>Return on New Capital Investment:</u>				
1	Gross New Capital Investment - As of End of Period	\$ 450,645,584	\$ 162,619,567	\$ 613,265,151	
2	Accumulated Depreciation - As of End of Period	\$ (25,592,189)	\$ (9,495,257)	\$ (35,087,446)	
3	Net New Capital Investment - As of End of Period	\$ 425,053,395	\$ 153,124,310	\$ 578,177,705	
4	New Capital Investment CWIP - As of End of Period	\$ 21,569,755	\$ 3,154,331	\$ 24,724,086	
5	PISCC Deferred Balance - As of End of Period	\$ 18,815,623	\$ 7,002,018	\$ 25,817,642	
6	Total New Capital Investment - As of End of Period	\$ 465,438,773	\$ 163,280,659	\$ 628,719,433	
7	Pre-Tax Rate of Return	8.17%	8.37%		
8	Annualized Return on New Capital Investment	\$ 38,026,348	\$ 13,666,591	\$ 51,692,939	(B)
	<u>Incremental Expenses:</u>				
9	Property Tax Expense - Annualized	\$ 3,296,416	\$ 1,178,431	\$ 4,474,847	
10	Depreciation Expense - Annualized	\$ 15,278,147	\$ 5,611,226	\$ 20,889,373	
11	Amortization Expense - Deferred Incremental O&M Expense	\$ 15,331,202	\$ -	\$ 15,331,202	
12	Amortization Expense - Deferred Depreciation	\$ 355,276	\$ 147,571	\$ 502,847	
13	Amortization Expense - Deferred PISCC	\$ 686,840	\$ 272,619	\$ 959,459	
14	Total Incremental Expenses	\$ 34,947,881	\$ 7,209,847	\$ 42,157,728	
	<u>Margin Netting:</u>				
15	Reduction of Margins from New Snow & Ogden Customers	\$ (9,782)	\$ -	\$ (9,782)	
16	Annual Revenue Requirement - Compliance and TDSIC Components	\$ 72,964,447	\$ 20,876,438	\$ 93,840,885	
17	Recoverable Compliance and TDSIC Components within CSIA (80%)	\$ 58,371,557	\$ 16,701,151	\$ 75,072,708	(A)
18	To Be Deferred (20%)	\$ 14,592,890	\$ 4,175,287	\$ 18,768,177	
	<u>Notes:</u>				
(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 - \$51,692,939], including the full equity and debt return, and then eligible operating expenses [Line 17 less Line 8 - \$23,379,769]. The collection priority will not impact the total amount authorized by the Commission for immediate recovery in the CSIA [Line 17 - \$75,072,708], nor the amount deferred and authorized for future recovery in a base rate proceeding [Line 18 - \$18,768,177].				
(B)	Equity Return - Compliance Component	\$ 30,718,959			
	Equity Return - TDSIC Component	\$ 11,184,725			
	Total Equity Return - Pre-Tax	\$ 41,903,684			
	Debt Return - Compliance Component	\$ 7,307,389			
	Debt Return - TDSIC Component	\$ 2,481,866			
	Total Debt Return	\$ 9,789,255			

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
COMPLIANCE COMPONENT
ANNUAL REVENUE REQUIREMENT THROUGH JUNE 30, 2020

Line	Description	Total Amount	Reference	
	<u>Return on New Capital Investment:</u>			
1	Gross New Capital Investment - As of End of Period	\$ 450,645,584	Schedule 2, Line 18, Col. G	
2	Accumulated Depreciation - As of End of Period	\$ (25,592,189)	Schedule 2, Line 42, Col. G	
3	Net New Capital Investment - As of End of Period	\$ 425,053,395	Line 1 + Line 2	
4	New Capital Investment CWIP - As of End of Period	\$ 21,569,755	Schedule 2, Line 48, Col. G	
5	PISCC Deferred Balance - As of End of Period	\$ 18,815,623	Schedule 3, Line 28, Col. G	
6	Total New Capital Investment - As of End of Period	\$ 465,438,773	Line 3 + Line 4 + Line 5	
7	Pre-Tax Rate of Return	8.17%	Schedule 4, Page 1, Line 17	
8	Annualized Return on New Capital Investment	\$ 38,026,348	Line 6 x Line 7	
	<u>Incremental Expenses:</u>			
9	Property Tax Expense - Annualized	\$ 3,296,416	(Line 1 x 0.72%) + (Line 4 x 0.24%)	(A)
10	Depreciation Expense - Annualized	\$ 15,278,147	Schedule 5, Line 17	
11	Amortization Expense - Deferred Incremental O&M Expense	\$ 15,331,202	Schedule 8, Line 5	
12	Amortization Expense - Deferred Depreciation	\$ 355,276	Schedule 6, Line 18	
13	Amortization Expense - Deferred PISCC	\$ 686,840	Schedule 3, Line 34	
14	Total Incremental Expenses	\$ 34,947,881	Sum Lines 9-13	
	<u>Margin Netting:</u>			
15	Reduction of Margins from New Snow & Ogden Customers - As of End of Period	\$ (9,782)	Schedule 10, Line 5, Col. H	(C)
16	Annual Revenue Requirement - Compliance Component	\$ 72,964,447	Line 8 + Line 14 + Line 15	
17	Recoverable Compliance Component of CSIA (80%)	\$ 58,371,557	Line 16 x 80%	(B)
18	To Be Deferred (20%)	\$ 14,592,890	Line 16 x 20%	(B)

Notes:

- (A) The annualized level of property taxes is calculated using an estimated Vectren North rate of 2.40% 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
- (C) Commission's Order in Cause No. 44563, page 11, Net margins should represent a deduction to the Compliance Component revenue requirement, with 80% of the margins credited immediately to the CSIA and 20% of the margins credited against the deferral to be recovered in Vectren North's next base rate case.

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

Line		A	B	C	D	E	F	G
		Balance at 12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	Balance at 6/30/2020
Gross New Capital Investment								
Gross Assets								
1	Transmission	\$ 140,165,975	\$ 139,904,640	\$ 140,151,639	\$ 141,727,081	\$ 140,675,077	\$ 140,691,786	\$ 141,452,740
2	Distribution	\$ 297,220,169	\$ 299,454,751	\$ 301,929,747	\$ 306,535,625	\$ 308,903,969	\$ 309,526,952	\$ 316,505,292
3	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Underground Storage	\$ 2,536,773	\$ 2,167,537	\$ 2,226,101	\$ 2,639,703	\$ 2,691,458	\$ 2,691,458	\$ 3,461,425
5	General	\$ 312,178	\$ 312,178	\$ 312,178	\$ 312,178	\$ 312,178	\$ 312,178	\$ 312,178
6	Total Gross Assets	\$ 440,235,096	\$ 441,839,107	\$ 444,619,666	\$ 451,214,587	\$ 452,582,682	\$ 453,222,373	\$ 461,731,635
Retirements								
7	Transmission	\$ (769,244)	\$ (769,244)	\$ (769,244)	\$ (769,244)	\$ (769,244)	\$ (769,244)	\$ (769,244)
8	Distribution	\$ (9,599,788)	\$ (9,616,890)	\$ (9,664,397)	\$ (9,902,655)	\$ (9,948,258)	\$ (9,948,258)	\$ (10,232,755)
9	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Underground Storage	\$ (81,051)	\$ (81,051)	\$ (81,051)	\$ (81,051)	\$ (81,051)	\$ (81,051)	\$ (84,051)
11	General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Total Retirements	\$ (10,450,083)	\$ (10,467,185)	\$ (10,514,692)	\$ (10,752,950)	\$ (10,798,553)	\$ (10,798,553)	\$ (11,086,050)
Gross New Capital Investment								
13	Transmission	\$ 139,396,732	\$ 139,135,397	\$ 139,382,395	\$ 140,957,837	\$ 139,905,833	\$ 139,922,542	\$ 140,683,496
14	Distribution	\$ 287,620,381	\$ 289,837,860	\$ 292,265,350	\$ 296,632,970	\$ 298,955,711	\$ 299,578,694	\$ 306,272,537
15	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Underground Storage	\$ 2,455,722	\$ 2,086,486	\$ 2,145,050	\$ 2,558,652	\$ 2,610,407	\$ 2,610,407	\$ 3,377,374
17	General	\$ 312,178	\$ 312,178	\$ 312,178	\$ 312,178	\$ 312,178	\$ 312,178	\$ 312,178
18	Total Gross New Capital Investment	\$ 429,785,013	\$ 431,371,921	\$ 434,104,974	\$ 440,461,637	\$ 441,784,130	\$ 442,423,821	\$ 450,645,584
	= (Gross Assets + Retirements)							To Schedule 1, Line 1

Line		Balance at 12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	Balance at 6/30/2020
Accumulated Depreciation Balance								
Depreciation Expense								
19	Transmission	\$ 9,625,510	\$ 9,957,429	\$ 10,289,388	\$ 10,623,768	\$ 10,959,002	\$ 11,292,847	\$ 11,627,547
20	Distribution	\$ 29,262,158	\$ 30,168,360	\$ 31,081,276	\$ 32,005,172	\$ 32,939,513	\$ 33,877,845	\$ 34,828,174
21	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	Underground Storage	\$ 54,159	\$ 61,007	\$ 67,401	\$ 74,484	\$ 82,246	\$ 90,083	\$ 99,043
23	General	\$ 35,971	\$ 37,053	\$ 38,135	\$ 39,217	\$ 40,299	\$ 41,381	\$ 42,463
24	Total Depreciation Expense	\$ 38,977,798	\$ 40,223,849	\$ 41,476,201	\$ 42,742,642	\$ 44,021,060	\$ 45,302,156	\$ 46,597,228
Retirements								
25	Transmission	\$ (769,244)	\$ (769,244)	\$ (769,244)	\$ (769,244)	\$ (769,244)	\$ (769,244)	\$ (769,244)
26	Distribution	\$ (9,599,788)	\$ (9,616,890)	\$ (9,664,397)	\$ (9,902,655)	\$ (9,948,258)	\$ (9,948,258)	\$ (10,232,755)
27	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28	Underground Storage	\$ (81,051)	\$ (81,051)	\$ (81,051)	\$ (81,051)	\$ (81,051)	\$ (81,051)	\$ (84,051)
29	General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	Total Retirements	\$ (10,450,083)	\$ (10,467,185)	\$ (10,514,692)	\$ (10,752,950)	\$ (10,798,553)	\$ (10,798,553)	\$ (11,086,050)
Cost of Removal								
31	Transmission	\$ 3,967,219	\$ 3,947,290	\$ 3,997,540	\$ 4,035,767	\$ 4,047,928	\$ 4,058,464	\$ 4,102,482
32	Distribution	\$ 5,149,149	\$ 5,219,692	\$ 5,295,042	\$ 5,431,804	\$ 5,528,665	\$ 5,657,052	\$ 5,741,882
33	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34	Underground Storage	\$ 66,822	\$ 66,824	\$ 66,824	\$ 66,825	\$ 69,130	\$ 74,008	\$ 74,625
35	General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Total Cost of Removal	\$ 9,183,190	\$ 9,233,805	\$ 9,359,406	\$ 9,534,396	\$ 9,645,723	\$ 9,789,523	\$ 9,918,989
Total Accumulated Depreciation Balance								
37	Transmission	\$ (4,889,047)	\$ (5,240,896)	\$ (5,522,605)	\$ (5,818,757)	\$ (6,141,830)	\$ (6,465,139)	\$ (6,755,821)
38	Distribution	\$ (14,513,221)	\$ (15,331,778)	\$ (16,121,837)	\$ (16,670,713)	\$ (17,462,590)	\$ (18,272,536)	\$ (18,853,537)
39	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Underground Storage	\$ 93,713	\$ 86,868	\$ 80,473	\$ 73,392	\$ 67,935	\$ 64,976	\$ 59,633
41	General	\$ (35,971)	\$ (37,053)	\$ (38,135)	\$ (39,217)	\$ (40,299)	\$ (41,381)	\$ (42,463)
42	Total Accumulated Depreciation Balance	\$ (19,344,526)	\$ (20,522,859)	\$ (21,602,103)	\$ (22,455,296)	\$ (23,576,784)	\$ (24,714,080)	\$ (25,592,189)
	= - Depreciation Expense - Retirements + Cost of Removal							To Schedule 1, Line 2

Line		Balance at 6/30/2020
CWIP Balance		
43	Transmission	\$ 10,746,173
44	Distribution	\$ 10,258,885
45	Distribution - IEDC	\$ -
46	Underground Storage	\$ 564,697
47	General	\$ -
48	Total CWIP Balance	\$ 21,569,755
		To Schedule 1, Line 4

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
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		0.54%	0.54%	0.54%	0.54%	0.54%	0.54%
2	Debt - PISCC Rate - Monthly	Schedule 4, Page 2, Lines 1,3-4 / 12		0.13%	0.13%	0.13%	0.13%	0.13%	0.13%
3	Equity - PISCC Rate - Monthly	Schedule 4, Page 2, Line 2 / 12		0.41%	0.41%	0.41%	0.41%	0.41%	0.41%
4	Transmission Amortization Rate - Monthly (A)	Schedule 6, Line 8 / 12		0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
5	Distribution Amortization Rate - Monthly (A)	Schedule 6, Line 9 / 12		0.30%	0.30%	0.30%	0.30%	0.30%	0.30%
6	Distribution - IEDC Amortization Rate - Monthly (A)	Schedule 6, Line 10 / 12		0.30%	0.30%	0.30%	0.30%	0.30%	0.30%
7	Underground Storage Amortization Rate - Monthly (A)	Schedule 6, Line 11 / 12		0.32%	0.32%	0.32%	0.32%	0.32%	0.32%
8	General Amortization Rate - Monthly (A)	Schedule 6, Line 12 / 12		0.33%	0.33%	0.33%	0.33%	0.33%	0.33%
PISCC Cumulative Deferred Balance - DEBT			Balance at 12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	Balance at 6/30/2020
9	Transmission	(B)	\$ 1,653,982	\$ 1,670,214	\$ 1,686,436	\$ 1,703,858	\$ 1,721,625	\$ 1,738,710	\$ 1,756,307
10	Distribution	(B)	\$ 3,862,001	\$ 3,902,619	\$ 3,946,338	\$ 3,994,718	\$ 4,047,690	\$ 4,102,631	\$ 4,162,576
11	Distribution - IEDC	(B)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Underground Storage	(B)	\$ 15,223	\$ 16,481	\$ 17,534	\$ 18,897	\$ 20,567	\$ 22,271	\$ 24,482
13	General	(B)	\$ 4,743	\$ 4,719	\$ 4,694	\$ 4,670	\$ 4,646	\$ 4,621	\$ 4,597
14	PISCC Deferred Balance		\$ 5,535,950	\$ 5,594,033	\$ 5,655,002	\$ 5,722,144	\$ 5,794,528	\$ 5,868,234	\$ 5,947,962
PISCC Cumulative Deferred Balance - EQUITY			Balance at 12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	Balance at 6/30/2020
15	Transmission	(B)	\$ 3,978,334	\$ 4,029,084	\$ 4,079,805	\$ 4,134,277	\$ 4,189,826	\$ 4,243,244	\$ 4,298,263
16	Distribution	(B)	\$ 9,024,155	\$ 9,151,152	\$ 9,287,842	\$ 9,439,107	\$ 9,604,727	\$ 9,776,505	\$ 9,963,928
17	Distribution - IEDC	(B)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Underground Storage	(B)	\$ 40,521	\$ 44,453	\$ 47,744	\$ 52,008	\$ 57,229	\$ 62,557	\$ 69,470
19	General	(B)	\$ 11,690	\$ 11,614	\$ 11,537	\$ 11,461	\$ 11,384	\$ 11,308	\$ 11,232
20	PISCC Deferred Balance		\$ 13,054,701	\$ 13,236,302	\$ 13,426,928	\$ 13,636,852	\$ 13,863,167	\$ 14,093,614	\$ 14,342,893
PISCC Cumulative Deferred Balance - DEBT + EQUITY			Balance at 12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	Balance at 6/30/2020
21	Transmission	Line 9 + Line 15	\$ 5,632,316	\$ 5,699,298	\$ 5,766,241	\$ 5,838,135	\$ 5,911,451	\$ 5,981,954	\$ 6,054,570
22	Distribution	Line 10 + Line 16	\$ 12,886,157	\$ 13,053,771	\$ 13,234,180	\$ 13,433,825	\$ 13,652,417	\$ 13,879,136	\$ 14,126,504
23	Distribution - IEDC	Line 11 + Line 17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Underground Storage	Line 12 + Line 18	\$ 55,745	\$ 60,933	\$ 65,278	\$ 70,905	\$ 77,796	\$ 84,828	\$ 93,952
25	General	Line 13 + Line 19	\$ 16,433	\$ 16,332	\$ 16,232	\$ 16,131	\$ 16,030	\$ 15,929	\$ 15,828
26	PISCC Deferred Balance	Sum Lines 21-25	\$ 18,590,651	\$ 18,830,335	\$ 19,081,930	\$ 19,358,996	\$ 19,657,694	\$ 19,961,847	\$ 20,290,855
27	Less: Amortization of PISCC	(C)	\$ (1,182,516)	\$ (1,231,302)	\$ (1,280,088)	\$ (1,328,874)	\$ (1,377,660)	\$ (1,426,446)	\$ (1,475,232)
28	Total PISCC Deferred Balance	Line 26 + Line 27	\$ 17,408,135	\$ 17,599,033	\$ 17,801,843	\$ 18,030,122	\$ 18,280,035	\$ 18,535,402	\$ 18,815,623
To Schedule 1, Line 5									
Annualized Amortization Expense									
29	Transmission	Line 4 x Line 21 x 12							\$ 178,076
30	Distribution	Line 5 x Line 22 x 12							\$ 504,518
31	Distribution - IEDC	Line 6 x Line 23 x 12							\$ -
32	Underground Storage	Line 7 x Line 24 x 12							\$ 3,614
33	General	Line 8 x Line 25 x 12							\$ 633
34	Total Amortization Expense	Sum Lines 29-33							\$ 686,840
To Schedule 1, Line 13									

(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 \$48,786 per month beginning in January 2020 is based on annualized amortization expense of \$585,432 from TDSIC-11, Attachment JCS-2 (Revised), Schedule 3, Line 34.

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
COMPLIANCE COMPONENT
PRE-TAX RATE OF RETURN AND AFTER TAX PISCC RATE AT DECEMBER 31, 2019

Line	After-Tax (A)	A Amount (\$000's)	B Weighting	C Cost	D = B x C WACC
1	Debt	\$ 474,873	31.66%	4.87%	1.54%
2	Equity	\$ 728,182	48.54%	10.20%	4.95%
3	Cost Free Capital	\$ 270,233	18.01%	0.00%	0.00%
4	Other	\$ 26,820	1.79%	1.50%	0.03%
5	Total	\$ 1,500,108			6.52%

(B)
To Schedule 9, Line 2

Pre-Tax Equity Component Calculation

6	After-Tax Cost of Equity per Line 2	4.95%		Line 2, Col. D
7	One		100.00%	
8	Less: Current State Tax Rate		5.075%	(C)
9	Federal Taxable		94.93%	Line 7 - Line 8
10	One Less Federal Income Tax		79.00%	1 - 21%
11	Effective Gross-Up Factor		74.99%	Line 9 x Line 10
12	Pre-Tax Equity	6.60%		Line 6 / Line 11

Forecast - Adjusted ROR (fixed ROE)

13	Debt		1.54%	from Line 1
14	Equity		6.60%	from Line 12
15	Cost Free Capital		0.00%	from Line 3
16	Other		0.03%	from Line 4
17	Total Pre-Tax Rate of Return		8.17%	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. 44430-TDSIC-12

(B) Proof

	Equity	Debt and Other	Total	
18	Total New Capital Investment	\$ 465,438,773	\$ 465,438,773	from Schedule 1, Line 6
19	Pre-Tax Return	6.60%	1.57%	from Lines 13-16
20	Return	\$ 30,722,748	\$ 7,307,389	Line 18 x Line 19
21	State Tax	\$ 1,559,179		5.075% x Line 20
22	Federal Taxable Return	\$ 29,163,569	\$ 7,307,389	Line 20 - Line 21
23	Federal Tax	\$ 6,124,349		Line 22 x 21%
24	After Tax Return \$	\$ 23,039,219	\$ 7,307,389	Line 20 - Lines 21 and 23

25	After-Tax Rate of Return	6.52%	Line 24 / Line 18
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equals Line 5

(C) Represents a blended State Tax Rate:
- January 1, 2021 - December 31, 2021 @ 5.075%
- Based on 5.250% @ January 1, 2021 and 4.900% @ July 1, 2021

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
COMPLIANCE COMPONENT
AFTER TAX PISCC RATE AT JUNE 30, 2019

Line	After-Tax (A)	A Amount (\$000's)	B Weighting	C Cost	D = B x C WACC
1	Debt	\$ 454,873	31.19%	4.94%	1.54%
2	Equity	\$ 706,064	48.42%	10.20%	4.94%
3	Cost Free Capital	\$ 271,638	18.63%	0.00%	0.00%
4	Other	\$ 25,652	1.76%	2.50%	0.04%
5	Total	\$ 1,458,228			6.52%

(A) All data in Lines 1 through 5 represent the actual balances as of June 30, 2019 (as presented in TDSIC-12 filing on JCS-R3, Sch 4, Pg 2).

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

Line	Description	Balance at 6/30/2020	Reference
<u>Depreciable In-Service Balance</u>			
1	Transmission	\$ 140,683,496	Schedule 2, Line 13, Col. G
2	Distribution	\$ 306,272,537	Schedule 2, Line 14, Col. G
3	Distribution - IEDC	\$ -	Schedule 2, Line 15, Col. G
4	Underground Storage	\$ 3,377,374	Schedule 2, Line 16, Col. G
5	General	\$ 312,178	Schedule 2, Line 17, Col. G
6	Total	\$ 450,645,584	Sum Lines 1-5
<u>Monthly Depreciation Rates</u>			
7	Transmission	0.24%	(A)
8	Distribution	0.30%	(A)
9	Distribution - IEDC	0.00%	(B)
10	Underground Storage	0.29%	(A)
11	General	0.35%	(A)
<u>Annualized Depreciation Expense</u>			
12	Transmission	\$ 4,005,295	Line 1 x Line 7 x 12
13	Distribution	\$ 11,141,816	Line 2 x Line 8 x 12
14	Distribution - IEDC	\$ -	Line 3 x Line 9 x 12
15	Underground Storage	\$ 118,052	Line 4 x Line 10 x 12
16	General	\$ 12,986	Line 5 x Line 11 x 12
17	Total Annualized Depreciation Expense	\$ 15,278,147	Sum Lines 12-16
To Schedule 1, Line 10			

- (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.

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

Line	Description	A Balance at 12/31/2019	B 1/31/2020	C 2/29/2020	D 3/31/2020	E 4/30/2020	F 5/31/2020	G Balance at 6/30/2020
	Deferred Depreciation Balance (A)							
1	Transmission	\$ 2,493,158	\$ 2,522,224	\$ 2,551,330	\$ 2,582,857	\$ 2,615,238	\$ 2,646,229	\$ 2,678,077
2	Distribution	\$ 7,032,636	\$ 7,119,431	\$ 7,212,825	\$ 7,316,730	\$ 7,430,592	\$ 7,548,352	\$ 7,677,649
3	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Underground Storage	\$ 30,026	\$ 32,563	\$ 34,646	\$ 37,418	\$ 40,868	\$ 44,394	\$ 49,038
5	General	\$ 10,534	\$ 10,534	\$ 10,534	\$ 10,534	\$ 10,534	\$ 10,534	\$ 10,534
6	Less: Amortization of Deferrals (B)	\$ (582,586)	\$ (607,752)	\$ (632,917)	\$ (658,083)	\$ (683,248)	\$ (708,413)	\$ (733,579)
7	Total Deferred Depreciation Balance	\$ 8,983,767	\$ 9,076,999	\$ 9,176,417	\$ 9,289,455	\$ 9,413,984	\$ 9,541,095	\$ 9,681,718
	Depreciation Rates (C)							
8	Transmission							2.94%
9	Distribution							3.57%
10	Distribution - IEDC							3.57%
11	Underground Storage							3.85%
12	General							4.00%
	Deferred Depreciation Amortization Expense							
13	Transmission					Line 1 x Line 8	\$	78,767
14	Distribution					Line 2 x Line 9	\$	274,202
15	Distribution - IEDC					Line 3 x Line 10	\$	-
16	Underground Storage					Line 4 x Line 11	\$	1,886
17	General					Line 5 x Line 12	\$	421
18	Deferred Depreciation Amortization Expense					Sum Lines 13-17	\$	355,276

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 \$25,165 per month beginning in January 2020 is based on annualized amortization expense of \$301,984 from TDSIC-11, Attachment JCS-2 (Revised), 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 - 34 years
Distribution - 28 years
Distribution - IEDC - 28 years
Underground Storage - 26 years
General - 25 years

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
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	\$ 593,517	TDSIC-1, JCS-2, Sch 7, Line 1
2	TDSIC-2, Compliance Component - through 12/31/2014	\$ 1,207,722	TDSIC-2, JCS-2, Sch 7, Line 2
3	TDSIC-3, Compliance Component - through 06/30/2015	\$ 1,794,369	TDSIC-3, JCS-2, Sch 7, Line 3
4	TDSIC-4, Compliance Component - through 12/31/2015	\$ 2,440,171	TDSIC-4, JCS-2, Sch 7, Line 4
5	TDSIC-5, Compliance Component - through 06/30/2016	\$ 3,067,362	TDSIC-5, JCS-2, Sch 7, Line 5
6	TDSIC-6, Compliance Component - through 12/31/2016	\$ 3,386,735	TDSIC-6, JCS-2, Sch 7, Line 6
7	TDSIC-7, Compliance Component - through 06/30/2017	\$ 4,144,544	TDSIC-7, JCS-2, Sch 7, Line 7 (B)
8	TDSIC-8, Compliance Component - through 12/31/2017	\$ 5,079,749	TDSIC-8, JCS-2 (Revised), Sch 7, Line 8
9	TDSIC-9, Compliance Component - through 06/30/2018	\$ 5,891,954	TDSIC-9, JCS-2, Sch 7, Line 9
10	TDSIC-10, Compliance Component - through 12/31/2018	\$ 6,236,696	TDSIC-10 JCS-R2, Sch 7, Line 10 (C)
11	TDSIC-11, Compliance Component - through 06/30/2019	\$ 7,288,122	TDSIC-11 JCS-2 (Revised), Sch 7, Line 11
12	TDSIC-12, Compliance Component - through 12/31/2019	\$ 6,697,420	TDSIC-12 JCS-R2, Sch 7, Line 12
13	TDSIC-13, Compliance Component - through 06/30/2020	\$ 7,714,986	(A)
14	Total Deferred Revenue Requirement	\$ 55,543,347	

Notes:

- (A)** Attachment JCS-4, Schedule 3, Line 20, Sum of Jan-Jun 2021 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 amounts.
- (C)** TDSIC-10 deferred revenues have been adjusted to reflect the corrected allocation previously described in Witness Swiz's TDSIC-11 testimony (Page 18).

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
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 [12/31/2019]	\$ 17,659,166	TDSIC-12, JCS-R2, Sch 8, Line 5 (A)
2	Deferral - current reconciliation period [Jan-Jun 2020]	\$ 5,882,720	Petitioner's Exhibit No. 2, Attachment SJV-2
3	Balance - at end of current reconciliation period [06/30/2020]	\$ 23,541,886	Sum Lines 1-3
4	Less: Expected Recoveries	\$ (8,210,684)	(B)
5	Balance - to be recovered in current effective period	\$ 15,331,202	Sum Lines 4-5
To Schedule 1, Line 11			

Notes:

- (A) Includes remaining North PSA balance at 04/10/17 as shown in TDSIC-7
(B) Expected recoveries attributable to O&M from TDSIC-12

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

Line	Description	Total Amount	Reference
1	Total New Statutory Investment - As of End of Period	\$ 465,438,773	From Schedule 1, Line 6
2	After-Tax Rate of Return	6.52%	From Schedule 4, Page 1, Line 5
3	NOI Adjustment for GCA Earnings Test - TDSIC-13, Compliance Component	\$ 30,346,608	Line 1 x Line 2

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
COMPLIANCE COMPONENT
NET MARGINS GAINED FROM NEW CUSTOMERS (SNOW & OGDEN)

		A	B	C	D	E	F	G	H
Line	Description	Balance at 12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	6/30/2020	Total Thru 6/30/2020
	<u>Net Margins from Snow & Ogden Customers</u>								
1	Snow & Ogden Average Customers (A)		30.000	30.000	30.000	29.000	30.000	30.000	
2	Rate 210 - Order Granted Margin Per Customer (B)		\$ 44.42	\$ 38.68	\$ 32.65	\$ 25.02	\$ 17.55	\$ 14.90	
3	Customer Margin Adjustment	\$ 45,119	\$ 1,333	\$ 1,160	\$ 980	\$ 726	\$ 527	\$ 447	\$ 50,290
4	Less: Expected Recoveries (C)								\$ 40,508
5	Balance - at end of current reconciliation period [06/30/2020]								\$ 9,782
									To Schedule 1, Line 15

Notes:

- (A) As customers are added at various points during the calendar month, the applicable billing period for a customer is prorated by day during the first billing month, resulting in a 'partial customer'. That customer in subsequent periods is considered one full customer.
- (B) Revised base rates and charges were approved effective June 1, 2018 following a Thirty Day Filing pursuant to Cause No. 45032, identified by the Commission as #50171 (approved May 30, 2018).
- (C) Expected recoveries through June 30, 2020

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
TDSIC COMPONENT
ANNUAL REVENUE REQUIREMENT THROUGH JUNE 30, 2020

Line	Description	Total Amount	Reference	
	<u>Return on New Capital Investment:</u>			
1	Gross New Capital Investment - As of End of Period	\$ 162,619,567	Schedule 2, Line 18, Col. G	
2	Accumulated Depreciation - As of End of Period	\$ (9,495,257)	Schedule 2, Line 42, Col. G	
3	Net New Capital Investment - As of End of Period	\$ 153,124,310	Line 1 + Line 2	
4	New Capital Investment CWIP - As of End of Period	\$ 3,154,331	Schedule 2, Line 48, Col. G	
5	PISCC Deferred Balance - As of End of Period	\$ 7,002,018	Schedule 3, Line 33, Col. G	
6	Total New Capital Investment - As of End of Period	\$ 163,280,659	Line 3 + Line 4 + Line 5	
7	Pre-Tax Rate of Return	8.37%	Schedule 4, Page 1, Line 17	
8	Annualized Return on New Capital Investment	\$ 13,666,591	Line 6 x Line 7	
	<u>Incremental Expenses</u>			
9	Property Tax Expense - Annualized	\$ 1,178,431	(Line 1 x 0.72%) + (Line 4 x 0.24%)	(A)
10	Depreciation Expense - Annualized	\$ 5,611,226	Schedule 5, Line 17	
11	Amortization Expense - Deferred Incremental O&M Expense	\$ -	N/A for TDSIC Component	
12	Amortization Expense - Deferred Depreciation	\$ 147,571	Schedule 6, Line 18	
13	Amortization Expense - Deferred PISCC	\$ 272,619	Schedule 3, Line 39	
14	Total Incremental Expenses	\$ 7,209,847	Sum Lines 9-13	
	<u>Margin Netting:</u>			
15	Reduction of Margins from New Snow & Ogden Customers - As of End of Period	\$ -	N/A for TDSIC Component	
16	Annual Revenue Requirement - TDSIC Component	\$ 20,876,438	Line 8 + Line 14	
17	Recoverable TDSIC Component of CSIA (80%)	\$ 16,701,151	Line 16 x 80%	(B)
18	To Be Deferred (20%)	\$ 4,175,287	Line 16 x 20%	(B)

Notes:

- (A) The annualized level of property taxes is calculated using an estimated Vectren North rate of 2.40% 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

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
TDSIC COMPONENT
NEW CAPITAL INVESTMENT

Line		A	B	C	D	E	F	G
	Gross New Capital Investment Balance	Balance at 12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	Balance at 6/30/2020
	Gross Assets							
1	Transmission	\$ 20,154,555	\$ 20,652,869	\$ 20,700,109	\$ 20,730,035	\$ 20,730,035	\$ 20,730,035	\$ 22,590,249
2	Distribution	\$ 137,670,593	\$ 137,755,885	\$ 137,759,421	\$ 139,502,673	\$ 139,651,285	\$ 139,878,849	\$ 140,290,967
3	Distribution - IEDC	\$ 1,896,580	\$ 1,896,580	\$ 1,896,580	\$ 1,896,580	\$ 1,896,580	\$ 1,896,580	\$ 1,896,580
4	Underground Storage	\$ 1,157,144	\$ 1,157,144	\$ 1,157,144	\$ 1,157,144	\$ 1,157,144	\$ 1,157,144	\$ 1,532,989
5	General	\$ 569,724	\$ 569,724	\$ 569,724	\$ 569,724	\$ 569,724	\$ 569,724	\$ 569,724
6	Total Gross Assets	\$ 161,448,596	\$ 162,032,202	\$ 162,082,977	\$ 163,856,156	\$ 164,004,768	\$ 164,232,332	\$ 166,880,509
	Retirements							
7	Transmission	\$ (647)	\$ (647)	\$ (647)	\$ (647)	\$ (647)	\$ (647)	\$ (647)
8	Distribution	\$ (4,128,519)	\$ (4,128,519)	\$ (4,128,519)	\$ (4,146,949)	\$ (4,146,949)	\$ (4,146,949)	\$ (4,146,949)
9	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Underground Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	General	\$ (113,346)	\$ (113,346)	\$ (113,346)	\$ (113,346)	\$ (113,346)	\$ (113,346)	\$ (113,346)
12	Total Retirements	\$ (4,242,512)	\$ (4,242,512)	\$ (4,242,512)	\$ (4,260,942)	\$ (4,260,942)	\$ (4,260,942)	\$ (4,260,942)
	Gross New Capital Investment Balance							
13	Transmission	\$ 20,153,908	\$ 20,652,222	\$ 20,699,462	\$ 20,729,388	\$ 20,729,388	\$ 20,729,388	\$ 22,589,602
14	Distribution	\$ 133,542,074	\$ 133,627,366	\$ 133,630,902	\$ 135,355,724	\$ 135,504,336	\$ 135,731,899	\$ 136,144,018
15	Distribution - IEDC	\$ 1,896,580	\$ 1,896,580	\$ 1,896,580	\$ 1,896,580	\$ 1,896,580	\$ 1,896,580	\$ 1,896,580
16	Underground Storage	\$ 1,157,144	\$ 1,157,144	\$ 1,157,144	\$ 1,157,144	\$ 1,157,144	\$ 1,157,144	\$ 1,532,989
17	General	\$ 456,377	\$ 456,377	\$ 456,377	\$ 456,377	\$ 456,377	\$ 456,377	\$ 456,377
18	Total Gross New Capital Investment	\$ 157,206,084	\$ 157,789,690	\$ 157,840,466	\$ 159,595,214	\$ 159,743,825	\$ 159,971,389	\$ 162,619,567
	= (Gross Assets + Retirements)							To Schedule 1, Line 1

Line		A	B	C	D	E	F	G
	Accumulated Depreciation Balance	Balance at 12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	Balance at 6/30/2020
	Depreciation Expense							
19	Transmission	\$ 1,345,042	\$ 1,395,349	\$ 1,446,347	\$ 1,497,444	\$ 1,548,583	\$ 1,599,722	\$ 1,653,140
20	Distribution	\$ 17,978,857	\$ 18,388,125	\$ 18,797,499	\$ 19,209,043	\$ 19,622,937	\$ 20,037,286	\$ 20,452,394
21	Distribution - IEDC	\$ 157,700	\$ 162,258	\$ 166,816	\$ 171,374	\$ 175,933	\$ 180,491	\$ 185,049
22	Underground Storage	\$ 38,809	\$ 43,169	\$ 47,530	\$ 51,890	\$ 56,250	\$ 60,611	\$ 65,525
23	General	\$ 79,634	\$ 81,497	\$ 83,360	\$ 85,223	\$ 87,086	\$ 88,950	\$ 90,813
24	Total Depreciation Expense	\$ 19,600,042	\$ 20,070,399	\$ 20,541,551	\$ 21,014,975	\$ 21,490,790	\$ 21,967,059	\$ 22,446,921
	Retirements							
25	Transmission	\$ (647)	\$ (647)	\$ (647)	\$ (647)	\$ (647)	\$ (647)	\$ (647)
26	Distribution	\$ (4,128,519)	\$ (4,128,519)	\$ (4,128,519)	\$ (4,146,949)	\$ (4,146,949)	\$ (4,146,949)	\$ (4,146,949)
27	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28	Underground Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	General	\$ (113,346)	\$ (113,346)	\$ (113,346)	\$ (113,346)	\$ (113,346)	\$ (113,346)	\$ (113,346)
30	Total Retirements	\$ (4,242,512)	\$ (4,242,512)	\$ (4,242,512)	\$ (4,260,942)	\$ (4,260,942)	\$ (4,260,942)	\$ (4,260,942)
	Cost of Removal							
31	Transmission	\$ 75,155	\$ 74,408	\$ 74,575	\$ 74,687	\$ 74,687	\$ 74,687	\$ 74,687
32	Distribution	\$ 8,594,289	\$ 8,594,292	\$ 8,595,030	\$ 8,596,085	\$ 8,597,768	\$ 8,597,119	\$ 8,599,523
33	Distribution - IEDC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34	Underground Storage	\$ 11,027	\$ 11,027	\$ 11,027	\$ 11,027	\$ 11,027	\$ 11,027	\$ 11,027
35	General	\$ 5,485	\$ 5,485	\$ 5,485	\$ 5,485	\$ 5,485	\$ 5,485	\$ 5,485
36	Total Cost of Removal	\$ 8,685,956	\$ 8,685,212	\$ 8,686,117	\$ 8,687,284	\$ 8,688,968	\$ 8,688,318	\$ 8,690,722
	Total Accumulated Depreciation Expense							
37	Transmission	\$ (1,269,241)	\$ (1,320,295)	\$ (1,371,125)	\$ (1,422,111)	\$ (1,473,249)	\$ (1,524,388)	\$ (1,577,806)
38	Distribution	\$ (5,256,049)	\$ (5,665,314)	\$ (6,073,950)	\$ (6,466,009)	\$ (6,878,219)	\$ (7,293,217)	\$ (7,705,922)
39	Distribution - IEDC	\$ (157,700)	\$ (162,258)	\$ (166,816)	\$ (171,374)	\$ (175,933)	\$ (180,491)	\$ (185,049)
40	Underground Storage	\$ (27,782)	\$ (32,142)	\$ (36,503)	\$ (40,863)	\$ (45,223)	\$ (49,584)	\$ (54,498)
41	General	\$ 39,197	\$ 37,334	\$ 35,471	\$ 33,608	\$ 31,745	\$ 29,881	\$ 28,018
42	Total Accumulated Depreciation Expense	\$ (6,671,574)	\$ (7,142,675)	\$ (7,612,923)	\$ (8,066,749)	\$ (8,540,880)	\$ (9,017,798)	\$ (9,495,257)
	= - Depreciation Expense - Retirements + Cost of Removal							To Schedule 1, Line 2

Line		Balance at 6/30/2020
43	Transmission	\$ 278
44	Distribution	\$ 2,911,283
45	Distribution - IEDC	\$ -
46	Underground Storage	\$ 242,771
47	General	\$ -
48	Total CWIP Balance	\$ 3,154,331
	To Schedule 1, Line 4	

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
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		0.54%	0.54%	0.54%	0.54%	0.54%	0.54%
2	PISCC Rate - Monthly - DEBT	Schedule 4, Page 2, Lines 1,3-4 / 12		0.13%	0.13%	0.13%	0.13%	0.13%	0.13%
3	PISCC Rate - Monthly - EQUITY	Schedule 4, Page 2, Line 2 / 12		0.41%	0.41%	0.41%	0.41%	0.41%	0.41%
4	Transmission Amortization Rate - Monthly (A)	Schedule 6, Line 8 / 12		0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
5	Distribution Amortization Rate - Monthly (A)	Schedule 6, Line 9 / 12		0.30%	0.30%	0.30%	0.30%	0.30%	0.30%
6	Distribution - IEDC Amortization Rate - Monthly (A)	Schedule 6, Line 10 / 12		0.30%	0.30%	0.30%	0.30%	0.30%	0.30%
7	Underground Storage Amortization Rate - Monthly (A)	Schedule 6, Line 11 / 12		0.32%	0.32%	0.32%	0.32%	0.32%	0.32%
8	General Amortization Rate - Monthly (A)	Schedule 6, Line 12 / 12		0.33%	0.33%	0.33%	0.33%	0.33%	0.33%
			Balance at 12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	Balance at 6/30/2020
9	PISCC Cumulative Deferred Balance - DEBT								
	Transmission	(B)	\$ 240,997	\$ 245,744	\$ 250,848	\$ 256,002	\$ 261,176	\$ 266,349	\$ 272,740
10	Distribution	(B)	\$ 1,937,142	\$ 1,940,549	\$ 1,944,014	\$ 1,948,622	\$ 1,954,467	\$ 1,960,559	\$ 1,967,069
11	Distribution - IEDC	(B)	\$ 26,617	\$ 26,617	\$ 26,617	\$ 26,617	\$ 26,617	\$ 26,617	\$ 26,617
12	Underground Storage	(B)	\$ 10,892	\$ 10,763	\$ 10,634	\$ 10,505	\$ 10,375	\$ 10,246	\$ 10,363
13	General	(B)	\$ 8,672	\$ 8,820	\$ 8,968	\$ 9,116	\$ 9,264	\$ 9,412	\$ 9,560
14	PISCC Deferred Balance	(B)	\$ 2,224,320	\$ 2,232,493	\$ 2,241,080	\$ 2,250,861	\$ 2,261,899	\$ 2,273,183	\$ 2,286,348
			Balance at 12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	Balance at 6/30/2020
15	PISCC Cumulative Deferred Balance - EQUITY								
	Transmission	(B)	\$ 604,948	\$ 619,914	\$ 636,006	\$ 652,257	\$ 668,569	\$ 684,881	\$ 705,031
16	Distribution	(B)	\$ 4,592,858	\$ 4,603,600	\$ 4,614,525	\$ 4,629,053	\$ 4,647,482	\$ 4,666,688	\$ 4,687,213
17	Distribution - IEDC	(B)	\$ 66,601	\$ 66,601	\$ 66,601	\$ 66,601	\$ 66,601	\$ 66,601	\$ 66,601
18	Underground Storage	(B)	\$ 33,275	\$ 32,868	\$ 32,460	\$ 32,053	\$ 31,645	\$ 31,238	\$ 31,606
19	General	(B)	\$ 19,252	\$ 19,718	\$ 20,184	\$ 20,651	\$ 21,117	\$ 21,583	\$ 22,050
20	PISCC Deferred Balance	(B)	\$ 5,316,933	\$ 5,342,700	\$ 5,369,776	\$ 5,400,613	\$ 5,435,415	\$ 5,470,992	\$ 5,512,500
			12/31/2019	1/31/2020	2/29/2020	3/31/2020	4/30/2020	5/31/2020	Balance at 6/30/2020
21	PISCC Cumulative Deferred Balance - DEBT + EQUITY								
	Transmission	Line 9 + Line 15	\$ 845,945	\$ 865,658	\$ 886,853	\$ 908,258	\$ 929,745	\$ 951,231	\$ 977,771
22	Distribution	Line 10 + Line 16	\$ 6,530,000	\$ 6,544,149	\$ 6,558,539	\$ 6,577,674	\$ 6,601,950	\$ 6,627,247	\$ 6,654,282
23	Distribution - IEDC	Line 11 + Line 17	\$ 93,217	\$ 93,217	\$ 93,217	\$ 93,217	\$ 93,217	\$ 93,217	\$ 93,217
24	Underground Storage	Line 12 + Line 18	\$ 44,168	\$ 43,631	\$ 43,094	\$ 42,558	\$ 42,021	\$ 41,484	\$ 41,968
25	General	Line 13 + Line 19	\$ 27,924	\$ 28,538	\$ 29,152	\$ 29,767	\$ 30,381	\$ 30,995	\$ 31,609
26	PISCC Deferred Balance	Sum Lines 21-25	\$ 7,541,253	\$ 7,575,193	\$ 7,610,856	\$ 7,651,474	\$ 7,697,313	\$ 7,744,175	\$ 7,798,848
27	Amortization of PISCC - Transmission		\$ (205,919)	\$ (212,064)	\$ (218,208)	\$ (224,353)	\$ (230,498)	\$ (236,643)	\$ (242,787)
28	Amortization of PISCC - Distribution		\$ (467,563)	\$ (481,976)	\$ (496,389)	\$ (510,803)	\$ (525,216)	\$ (539,629)	\$ (554,042)
29	Amortization of PISCC - Distribution - IEDC		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	Amortization of PISCC - Underground Storage		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31	Amortization of PISCC - General		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32	Less: Amortization of PISCC	(C)	\$ (673,482)	\$ (694,040)	\$ (714,598)	\$ (735,156)	\$ (755,714)	\$ (776,272)	\$ (796,830)
33	Total PISCC Deferred Balance	Line 26 + Line 32	\$ 6,867,771	\$ 6,881,153	\$ 6,896,258	\$ 6,916,319	\$ 6,941,600	\$ 6,967,903	\$ 7,002,018
To Schedule 1, Line 5									
Annualized Amortization Expense									
34	Transmission	Line 4 x Line 21 x 12							\$ 28,758
35	Distribution	Line 5 x Line 22 x 12							\$ 237,653
36	Distribution - IEDC	Line 6 x Line 23 x 12							\$ 3,329
37	Underground Storage	Line 7 x Line 24 x 12							\$ 1,614
38	General	Line 8 x Line 25 x 12							\$ 1,264
39	Total Amortization Expense	Sum Lines 29-33							\$ 272,618

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
TDSIC COMPONENT
PRE-TAX RATE OF RETURN AT JUNE 30, 2020

Line	After-Tax (A)	A Amount (\$000's)	B Weighting	C Cost	D = B x C WACC
1	Debt	\$ 474,876	30.75%	4.84%	1.49%
2	Equity	\$ 777,931	50.37%	10.20%	5.14%
3	Cost Free Capital	\$ 265,532	17.19%	0.00%	0.00%
4	Other	\$ 26,100	1.69%	1.50%	0.03%
5	Total	\$ 1,544,440			6.66%

(B) To Schedule 9, Line 2

Pre-Tax Equity Component Calculation

6	After-Tax Cost of Equity per Line 2	5.14%		Line 2, Col. D
7	One		100.00%	
8	Less: Current State Tax Rate		5.075%	(C)
9	Federal Taxable		94.93%	Line 7 - Line 8
10	One Less Federal Income Tax		79.00%	1 - 21%
11	Effective Gross-Up Factor		74.99%	Line 9 x Line 10
12	Pre-Tax Equity	6.85%		Line 6 / Line 11

Forecast - Adjusted ROR (fixed ROE)

13	Debt		1.49%	from Line 1
14	Equity		6.85%	from Line 12
15	Cost Free Capital		0.00%	from Line 3
16	Other		0.03%	from Line 4
17	Total Pre-Tax Rate of Return		8.37%	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, 2020.

(B)	Proof	Equity	Debt and Other	Total	
18	Total New Capital Investment	\$ 163,280,659	\$ 163,280,659		from Schedule 1, Line 6
19	Pre-Tax Return	6.85%	1.52%		from Lines 13-16
20	Return	\$ 11,191,548	\$ 2,481,866		Line 18 x Line 19
21	State Tax	\$ 567,971			5.075% x Line 20
22	Federal Taxable Return	\$ 10,623,577	\$ 2,481,866		Line 20 - Line 21
23	Federal Tax	\$ 2,230,951			Line 22 x 21%
24	After Tax Return \$	\$ 8,392,626	\$ 2,481,866	\$ 10,874,492	Line 20 - Lines 21 and 23

25	After Tax Return %		6.66%	Line 24 / Line 18
			equals Line 5	

(C) Represents a blended State Tax Rate:
- January 1, 2021 - December 31, 2021 @ 5.075%
- Based on 5.250% @ January 1, 2021 and 4.900% @ July 1, 2021

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
TDSIC COMPONENT
AFTER TAX PISCC RATE AT DECEMBER 31, 2019

Line	After-Tax (A)	A Amount (\$000's)	B Weighting	C Cost	D = B x C WACC
1	Debt	\$ 474,873	31.66%	4.87%	1.54%
2	Equity	\$ 728,182	48.54%	10.20%	4.95%
3	Cost Free Capital	\$ 270,233	18.01%	0.00%	0.00%
4	Other	\$ 26,820	1.79%	1.50%	0.03%
5	Total	\$ 1,500,108			6.52%

(A)

All data in Lines 1 through 5 represent the actual balances as of December 31, 2019 (as presented in TDSIC-12 filing on JCS-R3, Sch 4, Pg 1).

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

Line	Description	Balance at 6/30/2020	Reference
<u>Depreciable In-Service Balance</u>			
1	Transmission	\$ 22,589,602	Schedule 2, Line 13, Col. G
2	Distribution	\$ 136,144,018	Schedule 2, Line 14, Col. G
3	Distribution - IEDC	\$ 1,896,580	Schedule 2, Line 15, Col. G
4	Underground Storage	\$ 1,532,989	Schedule 2, Line 16, Col. G
5	General	\$ 456,377	Schedule 2, Line 17, Col. G
6	Total	\$ 162,619,567	Sum Lines 1-5
<u>Monthly Depreciation Rates</u>			
7	Transmission	0.25%	(A)
8	Distribution	0.29%	(A)
9	Distribution - IEDC	0.24%	(A)
10	Underground Storage	0.36%	(A)
11	General	0.33%	(A)
<u>Annualized Depreciation Expense</u>			
12	Transmission	\$ 668,351	Line 1 x Line 7 x 12
13	Distribution	\$ 4,804,432	Line 2 x Line 8 x 12
14	Distribution - IEDC	\$ 54,699	Line 3 x Line 9 x 12
15	Underground Storage	\$ 65,629	Line 4 x Line 10 x 12
16	General	\$ 18,116	Line 5 x Line 11 x 12
17	Total Annualized Depreciation Expense	\$ 5,611,226	Sum Lines 12-16
To Schedule 1, Line 10			

- (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.

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
TDSIC COMPONENT
AMORTIZATION OF DEFERRED DEPRECIATION

Line	Description	A Balance at 12/31/2019	B 1/31/2020	C 2/29/2020	D 3/31/2020	E 4/30/2020	F 5/31/2020	G Balance at 6/30/2020
	Deferred Depreciation Balance (A)							
1	Transmission	\$ 383,137	\$ 392,198	\$ 401,950	\$ 411,802	\$ 421,695	\$ 431,589	\$ 443,761
2	Distribution	\$ 3,627,256	\$ 3,632,268	\$ 3,637,385	\$ 3,644,652	\$ 3,654,246	\$ 3,664,295	\$ 3,675,104
3	Distribution - IEDC	\$ 43,547	\$ 43,472	\$ 43,397	\$ 43,323	\$ 43,248	\$ 43,174	\$ 43,099
4	Underground Storage	\$ 30,355	\$ 30,065	\$ 29,775	\$ 29,485	\$ 29,195	\$ 28,905	\$ 29,169
5	General	\$ 12,988	\$ 13,341	\$ 13,694	\$ 14,047	\$ 14,401	\$ 14,754	\$ 15,107
6	Less: Amortization of Deferrals (B)	\$ (372,135)	\$ (383,459)	\$ (394,784)	\$ (406,108)	\$ (417,432)	\$ (428,756)	\$ (440,080)
7	Total Deferred Depreciation Balance	\$ 3,725,147	\$ 3,727,885	\$ 3,731,418	\$ 3,737,202	\$ 3,745,354	\$ 3,753,960	\$ 3,766,160
	Depreciation Rates (C)							
8	Transmission							2.94%
9	Distribution							3.57%
10	Distribution - IEDC							3.57%
11	Underground Storage							3.85%
12	General							4.00%
	Deferred Depreciation Amortization Expense							
13	Transmission					Line 1 x Line 8	\$	13,052
14	Distribution					Line 2 x Line 9	\$	131,254
15	Distribution - IEDC					Line 3 x Line 10	\$	1,539
16	Underground Storage					Line 4 x Line 11	\$	1,122
17	General					Line 5 x Line 12	\$	604
18	Deferred Depreciation Amortization Expense					Sum Lines 13-17	\$	147,571

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 \$11,324 per month beginning in January 2020 is based on annualized amortization expense of \$135,890 from TDSIC-11, Attachment JCS-3 (Revised), 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 - 34 years

Distribution - 28 years

Distribution - IEDC - 28 years

Underground Storage - 26 years

General - 25 years

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
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	\$ 154,886	TDSIC-1, JCS-3, Sch 7, Line 1
2	TDSIC-2, TDSIC Component - through 12/31/2014	\$ 142,189	TDSIC-2, JCS-3, Sch 7, Line 2
3	TDSIC-3, TDSIC Component - through 06/30/2015	\$ 593,033	TDSIC-3, JCS-3, Sch 7, Line 3
4	TDSIC-4, TDSIC Component - through 12/31/2015	\$ 866,375	TDSIC-4, JCS-3, Sch 7, Line 4
5	TDSIC-5, TDSIC Component - through 06/30/2016	\$ 1,430,201	TDSIC-5, JCS-3, Sch 7, Line 5
6	TDSIC-6, TDSIC Component - through 12/31/2016	\$ 1,508,103	TDSIC-6, JCS-3, Sch 7, Line 6
7	TDSIC-7, TDSIC Component - through 06/30/2017	\$ 1,695,222	TDSIC-7, JCS-3, Sch 7, Line 7 (C)
8	TDSIC-8, TDSIC Component - through 12/31/2017	\$ 1,577,588	TDSIC-8, JCS-3 (Revised), Sch 7, Line 8
9	TDSIC-9, TDSIC Component - through 06/30/2018	\$ 1,816,862	TDSIC-9, JCS-3, Sch 7, Line 9
10	TDSIC-10, TDSIC Component - through 12/31/2018	\$ 1,724,791	TDSIC-10 JCS-R3, Sch 7, Line 10 (D)
11	TDSIC-11, TDSIC Component - through 06/30/2019	\$ 2,077,604	TDSIC-11 JCS-3 (Revised), Sch 7, Line 11
12	TDSIC-12, TDSIC Component - through 12/31/2019	\$ 1,865,702	TDSIC-12 JCS-R3, Sch 7, Line 12
13	TDSIC-13, TDSIC Component - through 06/30/2020	\$ 2,207,396	(B)
14	Total Deferred Revenue Requirement	\$ 17,659,952	

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 20, Sum of Jan-Jun 2021 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.
- (D) TDSIC-10 deferred revenues have been adjusted to reflect the corrected allocation previously described in Witness Swiz's TDSIC-11 testimony (Page 18).

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
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 (A)	\$ 16,701,151	Schedule 1, Line 17
2	Less Current IEDC Recoverable Portion	\$ (179,424)	Schedule 8, Page 2, Line 17
3	Prior TDSIC Recoverable Portion (A)	\$ 16,050,670	TDSIC-12, JCS-R3, Schedule 1, Line 17
4	Less Prior IEDC Recoverable Portion	\$ (178,478)	TDSIC-12, JCS-R3, Schedule 8, Page 2, Line 17
5	Increase in TDSIC Recoverable Portion	\$ 649,535	Line 1 + Line 2 - Line 3 - Line 4
6	Total Retail Revenues (A)	\$ 559,092,444	12 Months Ended As of End of Period
7	TDSIC Cap	2%	[Ind. Code § 8-1-39-14(a)]
8	TDSIC Cap - 2% of Retail Revenues	\$ 11,181,849	Line 6 x Line 7
9	Does Increase in TDSIC Exceed 2% Cap?	No	If Line 5 > Line 8, Yes; If not, No
If Yes:			
10	TDSIC Cap - 2% of Retail Revenues	\$ -	If Yes - Line 8; If No, \$0
11	Plus: Prior TDSIC Recoverable Portion	\$ -	If Yes - Line 3; If No, \$0
12	Total TDSIC Recoverable in CSIA	\$ -	Line 10 + Line 11
13	Current TDSIC Recoverable Portion	\$ -	If Yes - Line 1; If No, \$0
14	TDSIC Deferred in Excess of 2% Cap	\$ -	Line 13 - Line 12
If No:			
15	Current TDSIC Recoverable Portion - CSIA	\$ 16,701,151	If No, Line 1; If Yes, \$0

Note:

(A) TDSIC Recoverable portion is calculated by subtracting the recoverable component from Distribution IEDC (targeted economic development projects) from the total recoverable component. Retail revenues are also adjusted to exclude revenues associated with targeted economic development projects.

INDIANA GAS COMPANY, INC. d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.
VECTREN NORTH
COMPLIANCE AND SYSTEM IMPROVEMENT ADJUSTMENT (CSIA)
TDSIC COMPONENT
TARGETED ECONOMIC DEVELOPMENT REVENUE REQUIREMENT THROUGH JUNE 30, 2020

Line	Description	Distribution - IEDC	Reference
<u>Return on New Capital Investment:</u>			
1	Gross New Capital Investment - As of End of Period	\$ 1,896,580	Schedule 2, Line 15, Col. G
2	Accumulated Depreciation - As of End of Period	\$ (185,049)	Schedule 2, Line 39, Col. G
3	Net New Capital Investment - As of End of Period	\$ 1,711,531	Line 1 + Line 2
4	New Capital Investment CWIP - As of End of Period	\$ -	Schedule 2, Line 45, Col. G
5	PISCC Deferred Balance - As of End of Period	\$ 93,217	Schedule 3, Line 23 + Line 29, Col. G
6	Total New Capital Investment - As of End of Period	\$ 1,804,749	Line 3 + Line 4 + Line 5
7	Pre-Tax Rate of Return	8.37%	Schedule 4, Page 1, Line 17
8	Annualized Return on New Capital Investment	\$ 151,057	Line 6 x Line 7
<u>Incremental Expenses</u>			
9	Property Tax Expense - Annualized	\$ 13,655	(Line 1 x 0.72%) + (Line 4 x 0.24%) (A)
10	Depreciation Expense - Annualized	\$ 54,699	Schedule 5, Line 14
11	Amortization Expense - Deferred Incremental O&M Expense	\$ -	N/A for TDSIC Component
12	Amortization Expense - Deferred Depreciation	\$ 1,539	Schedule 6, Line 15, Col. G
13	Amortization Expense - Deferred PISCC	\$ 3,329	Schedule 3, Line 36, Col. G
14	Total Incremental Expenses	\$ 73,223	Sum Lines 9-13
<u>Margin Netting:</u>			
15	Reduction of Margins from New Snow & Ogden Customers - As of End of Period	\$ -	N/A for TDSIC Component
16	Annual Revenue Requirement - TDSIC Component	\$ 224,280	Line 8 + Line 14
17	Recoverable TDSIC Component of CSIA (80%)	\$ 179,424	Line 16 x 80% (B)
18	To Be Deferred (20%)	\$ 44,856	Line 16 x 20%

Notes:

- (A) The annualized level of property taxes is calculated using an estimated Vectren North rate of 2.40% 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-3, Schedule 8, Page 1, Line 2

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

Line	Description	Total Amount	Reference
1	Total New Capital Investment - As of End of Period	\$ 163,280,659	From Schedule 1, Line 6
2	After-Tax Rate of Return	6.66%	From Schedule 4, Page 1, Line 5
3	NOI Adjustment for GCA Earnings Test - TDSIC-13, TDSIC Component	\$ 10,874,492	Line 1 x Line 2

[illegible]

Vectren North
Compliance Plan - Transmission Modernization Projects

Database Project Number	Oracle Project Number	Project Category	Division	OC	City	Project Short Description	Previous Planned Year (4/1/20)	Current Planned Year	Previous Estimate (4/1/20)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary (Current Fall 2020 Filing)	Estimate Variance Commentary (Current Fall 2020 Filing)	Current Period Actual Spend (1/1/20 - 6/30/2020)	Inception to Date Actual Spend (1/1/14 - 06/30/2020)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary (Current Spring 2020 Filing)
4075	18202802054018	Pressure Test	SE	Bloomington	Bloomington	N55055 8" Needmore PP to Bloomington South TBS - Pressure test 0.5 miles of pipeline and mitigate (7) pipeline exposures	2019	2019											Y	The length of the HDD and associated cost increased due to additional required depth determined necessary in the field during construction. Additional stoppage (gas stopping procedures) field services were required because the sequencing of the work was changed because of delays in acquiring easement. Easement acquisition also increased in costs. Additional costs were also incurred to install an additional stoppage fitting to enable removal of a segment for testing - need identified during construction activities. TDSIC-13 period charges were associated with completion of exposure mitigation, dewatering of work site, site grading, and restoration. Project is complete.
3508	19202802054017	ILI Retrofits	NW	Lafayette	Lafayette	12" Taylor Pig Trap to Riser Str. - ILI retrofit 25.83 miles of pipeline	2020	2020											N	Actual charges include preliminary engineering and material costs only.
3923	19202802054013	ILI Retrofits	NE	Muncie	Muncie	12" King Station (RS 274) to RS 220 (CR 400 Station) - ILI retrofit 1.69 miles of pipeline and replace 0.40 miles of 8" pipe with 12" pipe between RS 220 and ANR Muncie	2020	2020											N	Construction in progress and trending to estimate.
4294	18202802054029	ILI Retrofits	NW	Lafayette	Lafayette	16" Taylor to Wolcott - ILI retrofit 28.32 miles of pipeline	2019	2019											Y	-The primary cost increase (\$62k) was associated with the requirement for wellpoint dewatering services where a pipe segment was replaced. Wellpoint dewatering systems consist of essentially a series of shallow wells and associated pumps used to lower the water table at an excavation site. The project was scheduled during late summer but the water table was still above the excavation depth and water volume was large enough that standard pumps were not adequate to drain the excavation site. -An additional bypass installation was required to maintain gas flow due to the system configuration. This was not anticipated to be necessary during the design phase and required additional pipe, fittings and labor at a cost of approximately \$36k. -Two different contractors were required to perform "stoppage" work on the project due to different manufacturer's stoppage fittings installed in the work area. This increased labor/equipment/mobilization costs for this work by \$16k. Stoppage fittings are pipe fittings used to temporarily stop gas flow. Different manufacturers require specific equipment to operate the fittings. The historical records did not indicate sufficient manufacturer/model information to identify the need for a different stoppage contractor during the design phase. A \$4,628 invoice was incorrectly charged to this project in the TDSIC-12 period and was corrected in TDSIC 13 to the correct project 18202802053013.
3941	19202802054012	Gas Quality / Conditioning	SE	Franklin	Bargersville	Install gas chromatograph and filter separator at Bargersville PP	2020	2020											N	Actual charges include preliminary engineering costs only.
4298	19202802054016	Gas Quality / Conditioning	NW	Danville	Brownsburg	Install gas chromatograph at HCJ PP	2020	2020											N	Actual charges include preliminary engineering and partial material costs only.
4321	19202802054212	ILI Retrofits	SE	Clarksville	Clarksville	Distribution support project for Holman to Applegate retrofit - install 1,242' of 4" PE main to create second feed	2019	2019											Y	
3190	19202802054011	ILI Retrofits	SE	Marionville	Marionville	16" Marionville to Hindustan - ILI retrofit, replace, and pressure test portions of 8.02 miles of pipeline and install launchers and receivers	2020	2020											N	Project is in-service but construction work is not complete. Costs are trending to estimate.
4860	19202802054022	Casings	NE	Muncie	Muncie	Retire 16" casing on 12" King Station to RS 220 pipeline at CR 400 S	2019	2019					Project added to 2019 to remove casing to assess pipeline after recent frost heaving.						Y	
3471	18202802054019	Gas Quality / Conditioning	SE	Columbus	St. Paul	Install gas chromatograph at REX PP	N/A	N/A											N	
3246	18202802054017	ILI Retrofits	NW	Danville	Lebanon	12" HCJ to Lebanon LP - Install launcher/receiver barrels at two regulator stations and install one distribution support project in preparation for ILI retrofit 11.21 miles of pipeline and proving tool run in a later year	2020	2022					Project has been reprioritized and scheduled for 2022.					N	Actual charges include preliminary engineering costs only.	
3164	18202802054014	Priority Pipe	NW	Greencastle	Greencastle	Airport to US 40 - Replace 3.65 miles of 8" pipeline with 12" pipe due to needed pressure test	N/A	N/A											N	
3424	18202802054015	Priority Pipe	NW	Terre Haute	Terre Haute	8" Margaret #2 to Texas Gas PP - Replace 200' of pipeline due to unknown grade	N/A	N/A											N	
3970	18202802054026	Gas Quality / Conditioning	SE	Franklin	Shelbyville	Install gas chromatograph at Shelbyville ANR PP	N/A	N/A											N	
3472	15202802054021	Priority Pipe	NW	Lafayette	Wolcott	Replace NW3811	N/A	N/A											Y	
4962	19202802054023	Obsolete Equipment	SE	Columbus	Columbus	Replace existing heater with new 4.0 MM BTU Line Heater at the Columbus North PP Station at 5601 N 200 W, Columbus IN.	2020	2020											Y	
4963	20202802054011	Gas Quality / Conditioning	NW	Lafayette	Wolcott	Install filter/separators at Wolcott Station, McCormick Station and Purdue TBS	2020	2020											N	Trending to \$350k over estimate. Additional costs are associated with rental of temporary filters and construction of access platforms at the filter locations. The original plan was to install platforms as part of separate filter installation projects, but work to determine final location and delays in obtaining permanent filters resulted in extension of the rental equipment and need to install platforms for servicing as part of this project. extended rental. Relocation of filters to different locations to during pipe clearing operations in summer 2020 also increased project costs.
4920	20202802054013	Priority Pipe	NW	Rockville	Bloomington	Veederburg NW3120 HCA Replace	N/A	2020											N	Actual charges include preliminary engineering costs only.
3233	20202802054014	Priority Pipe	SE	Clarksville	Clarksville	8" Applegate-Clark HCA Replace	N/A	2020											N	Actual charges include preliminary engineering costs only.
5040	19202802054020	Priority Pipe	SE	Bloomington	Unionville	8" Excessive near Unionville	N/A	2020											N	Actual charges include preliminary engineering costs only.

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Vectren North
Compliance Plan - Distribution Modernization Projects

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Vectren North
Distribution Modernization Projects

Delisted Project Number	Maximo Work Order Number	Oracle Project Number	Project Category	Division	OC	City	Project Short Description	Previous Planned Year (4/1/20)	Current Planned Year	Previous Estimate (4/1/20)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary (Current FY 2023 Filing)	Estimate Variance Commentary (Current FY 2023 Filing)	Current Period Actual Spend (1/1/20 - 4/30/2023)	Inception to Date Actual Spend (1/1/24 - 04/30/2024)	Actual Spend Variance (\$)	Actual Spend Variance (%)	Inventories (Y or N)	Actual Spend Variance Commentary (Current Spring 2023 Filing)	
182	9391822	17590000023	Bridge Coverage	NAV	Terre Haute	Terre Haute	IN TERRE HAUTE'S 37th ST & THOMPSON COTTON -- REPLACE 4" OF BRIDGE CROSSING	2020	2020												As additional 100' of new steel was installed with increased safety, pedestrian to avoid conflict with railroad safety issue. Assessment of future steel required during the current design. Main contract Thompson also and other existing time was required to install other utilities during the construction date in the project.	
190	9390328	17590000027	Expenses	NAV	Terre Haute	Terre Haute	ILLINOIS CANTON 37th ST -- REDESIGN IF ST. MAN	2020	2020												N	Construction is in progress.
208	9397227	17590000013	Bridge Coverage	NAV	Danville	Alex	SUPPLEMENTAL LANE WORK -- REDESIGN IF ST. MAN EXPOSURE	2020	2020												N	Construction is in progress.
207	9397238	17590000013	Bridge Coverage	NAV	Lafayette	Lafayette	ILLINOIS CANTON 37th ST -- REDESIGN IF ST. MAN EXPOSURE	2020	2020												N	Construction is in progress.
238	9704063	17590000010	Expenses	NAV	Albia	Albia	ILLINOIS CANTON 37th ST -- REDESIGN IF ST. MAN EXPOSURE	2020	2021												N	Construction is in progress.
267	9703465	18000000403	Expenses	SE	Bloomington	Bloomington	ILLINOIS CANTON 37th ST -- REDESIGN IF ST. MAN EXPOSURE	2020	2020												N	Construction is in progress.
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020 SE ISOLATED SERVICES	2020	2020												N	
1267	N/A	9500000120	Invalidly Closed Steel	NE	N/A	N/A	2020															

Vectren North
Compliance Plan - Distribution Modernization Projects[illegible]

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Compliance Plan - Vectren North
Bare Steel and Cast Iron Projects

Database Project Number	Master Work Order Number	Oracle Project Order Number	Division	OC	City	Project Short Description	Estimated Installed Meter Rating	Estimated Refund Meter Rating	Estimated Project Price	Previous Planned Year of Work	Current Planned Year of Work	Previous Estimate (\$/100)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary (Current FY 2020 Piling)	Estimate Variance Commentary (Current FY 2020 Piling)	Current Partial Actual Meter (FY18 - 2020Piling)	Inception to Date Actual Spend (FY18 - 2020Piling)	Actual Spend Variance (%)	Actual Spend Variance (%)	Is-serviced? (Y or N)	Actual Spend Variance Commentary (Current FY 2020 Piling)	
N-882	14810791	1797310032014	NE	RI	RICHMOND	IN-RICHMOND-N-882-BSC	2,375	2,535	57	2019	2019											Y	Contribution in progress and is pending on target to estimate.	
N-882	14810796	179731003215	NE	RI	RICHMOND	IN-RICHMOND-N-882-BSC	8,350	8,240	110	2019	2019												Y	The project had 500' more 2" PE installed because additional bare steel was identified during construction. The main was installed under the sidewalk. This clearing on it to replace the sidewalk panels was not needed.
N-1807	17962930	169920003210	NE	ND	NORRISVILLE	IN-NORRISVILLE-N-1807-BSC	4,790	6,690	41	N/A	2020												N	Due to Public Improvement project the project was rescheduled to 2021.
N-1384	14806760	179821003216	NE	AN	TIPTON	IN-TIPTON-N-1384-BSC	2,135	2,835	21	2020	2021												Y	Project reinstalled and scheduled for 2021.
N-1386	14806764	179821003214	NE	AN	ANDERSON	IN-ANDERSON-N-1386-BSC	4,950	5,250	20	2020	2021												Y	Contribution in progress.
N-1388	13993003	169920003215	NE	AN	ANDERSON	IN-ANDERSON-N-1388-BSC	9,000	9,000	80	2020	2020												Y	Contribution in progress.
N-1391	13941842	169820003224	NE	AN	ANDERSON	IN-ANDERSON-N-1391-BSC	4,400	4,400	18	2020	2020												Y	Contribution in progress.
N-1115	14807166	179731003212	NE	RI	RICHMOND	IN-RICHMOND-N-1115-BSC	1,775	11,100	143	2020	2020												Y	Contribution in progress.
N-1103	13951291	169820003210	NE	AL	MARTINSVILLE	IN-MARTINSVILLE-N-1103-BSC	3,900	3,900	37	2020	2020												Y	Contribution in progress.
N-1354	13970404	169820003212	SE	FL	MARTINSVILLE	IN-MARTINSVILLE-N-1354-BSC	4,200	4,200	84	2020	2020												Y	Contribution in progress.
N-1407	14817919	179820003214	NE	MA	MUNICE	IN-MUNICE-N-1407-BSC	4,500	5,250	31	2020	2021												Y	Project reinstalled and scheduled for 2021.
N-1402	13989373	169730003210	NE	MA	MUNICE	IN-MUNICE-N-1402-BSC	6,718	6,718	52	2020	2021												Y	Contribution in progress.
N-1403	14803369	179730003210	NE	MA	MUNICE	IN-MUNICE-N-1403-BSC	7,938	7,938	58	2020	2021												Y	Contribution in progress.
N-1405	13989368	169730003212	NE	MA	MUNICE	IN-MUNICE-N-1405-BSC	8,600	15,000	74	2020	2020												Y	Contribution in progress.
N-1421	16048832	169730003210	NE	MA	GALE CITY	IN-GALE CITY-N-1421-BSC	8,210	8,210	148	2020	2020												Y	Project reinstalled and scheduled for 2021.
N-1448	16048805	169730003217	NE	MA	RICHMOND	IN-RICHMOND-N-1448-BSC	4,800	5,000	74	2021	2022												Y	Project reinstalled and scheduled for 2022.
N-1467	15989351	169730003214	NE	MA	MUNICE	IN-MUNICE-N-1467-BSC	6,070	6,000	79	2020	2020												Y	Actual charges include preliminary engineering and partial material costs only.
N-1485	14810891	179730003223	NE	MA	PARROT CITY	IN-PARROT CITY-N-1485-BSC	5,025	5,285	62	2020	2020												Y	Actual charges include preliminary engineering and partial material costs only.
N-1523	13971300	169920003212	SE	BL	MITCHELL	IN-MITCHELL-N-1523-BSC	2,420	2,420	34	2020	2020												Y	Contribution in progress.
N-1552	14810911	179820003213	NE	DA	DAVENPUE	IN-DAVENPUE-N-1552-BSC	4,995	5,000	69	2020	2020												Y	Contribution in progress.
N-1551	15984389	169920003210	NE	LA	FRANKFORT	IN-FRANKFORT-N-1551-BSC	720	770	42	2020	2020												Y	Contribution in progress.
N-1558	13902468	169730003215	NE	MA	ALBANY	IN-ALBANY-N-1558-BSC	4,595	4,590	74	2020	2022												Y	Project reinstalled and scheduled for 2022.
N-1565	13705565	169730003217	NE	MA	ALBANY	IN-ALBANY-N-1565-BSC	5,900	5,900	66	2020	2020												Y	Contribution in progress.
N-1581	14817371	179820003215	SE	CO	COLUMBUS	IN-COLUMBUS-N-1581-BSC	7,230	5,880	178	2020	2020												Y	Contribution in progress.
N-1612	14819830	179820003216	SE	CO	COLUMBUS	IN-COLUMBUS-N-1612-BSC	3,800	3,800	98	2020	2021												Y	Actual charges include preliminary engineering and partial material costs only.
N-1770	16048842	169741003215	NE	MA	MAHON	IN-MAHON-N-1770-BSC	2,245	2,245	34	2020	2021												Y	Project reinstalled and scheduled for 2021.
N-1788	13901343	169820003212	NE	AN	ANDERSON	IN-ANDERSON-N-1788-BSC	1,308	1,313	21	2020	2020												Y	Contribution in progress.
N-1781	14904383	169741003216	NE	MA	GALE CITY	IN-GALE CITY-N-1781-BSC	1,315	1,385	50	2020	2021												Y	Contribution in progress.
N-1782	13981391	169741003212	NE	MA	RICHMOND	IN-RICHMOND-N-1782-BSC	7,430	7,230	57	2021	2022												Y	Contribution in progress.
N-1794	13904889	169741003210	NE	MA	GALE CITY	IN-GALE CITY-N-1794-BSC	13,400	11,200	147	2020	2020												Y	Contribution in progress.
N-1807	13971300	169920003212	SE	CO	ANDERSONVILLE	IN-ANDERSONVILLE-N-1807-BSC	3,000	3,000	34	2020	2020												Y	Contribution in progress.
N-2077	13971300	169920003212	NE	DA	BROWNINGSBURG	IN-BROWNINGSBURG-N-2077-BSC	6,200	5,570	82	2020	2020												Y	Contribution in progress.
N-2142	13944885	169820003210	NE	AN	ANDERSON	IN-ANDERSON-N-2142-BSC	5,900	5,900	62	2020	2020												Y	Contribution in progress.
N-2150	13971300	169920003212	NE	MA	TERRE HAUTE	IN-TERRE HAUTE-N-2150-BSC	2,900	2,900	40	2020	2020												Y	Contribution in progress.
N-2150	13981314	169730003223	NE	MA	MUNICE	IN-MUNICE-N-2150-BSC	2,900	2,335	40	2020	2020												Y	Contribution in progress.
N-2150	13971300	169920003212	NE	MA	TERRE HAUTE	IN-TERRE HAUTE-N-2150-BSC	2,900	2,900	40	2020	2020												Y	Contribution in progress.
N-2150	13971300	169920003212	SE	FL	MARTINSVILLE	IN-MARTINSVILLE-N-2150-BSC	5,410	5,410	66	2020	2020												Y	Contribution in progress.
N-2150	14803227	179820003216	NE	MA	MUNICE	IN-MUNICE-N-2150-BSC	4,900	4,900	62	2020	2020												Y	Contribution in progress.
N-2162	13971300	169920003210	SE	GP	KNIGHTSTOWN	IN-KNIGHTSTOWN-N-2162-BSC	6,600	6,600	80	2020	2020												Y	Contribution in progress.
N-2402	13989378	169920003216	NE	LA	DAVENPUE	IN-DAVENPUE-N-2402-BSC	2,400	2,400	74	2020	2020												Y	Contribution in progress.
N-788	15975841	169920003214	SE	CL	CLARKSVILLE	IN-CLARKSVILLE-N-788-BSC	3,375	3,375	84	2020	2020												Y	Actual charges include preliminary engineering and partial material costs only.
N-2263	15982884	169730003224	NE	MA	MUNICE	IN-MUNICE-N-2263-BSC	4,700	4,700	70	2020	2020												Y	Actual charges include preliminary engineering and partial material costs only.
N-2270	15971314	169920003213	NE	TH	TERRE HAUTE	IN-TERRE HAUTE-N-2270-BSC	4,600	2,600	32	2020	2020												Y	Actual charges include preliminary engineering and partial material costs only.
N-2300	13975965	169820003212	SE	GP	GREENFIELD	IN-GREENFIELD-N-2300-BSC	5,100	5,145	69	2020	2020												Y	Contribution in progress.
N-2275	14817473	179820003216	NE	TH	GREENFIELD	IN-GREENFIELD-N-2275-BSC	6,880	6,815	147	2020	2020												Y	Contribution in progress.
N-2275	14817473	179820003214	NE	DA	DAVENPUE	IN-DAVENPUE-N-2275-BSC	10,000	11,400	147	2020	2020												Y	Contribution in progress.
N-2281	13971300	169920003214	NE	DA	BROWNINGSBURG	IN-BROWNINGSBURG-N-2281-BSC	5,300	5,800	67	2020	2020												Y	Contribution in progress.
N-2281	13971300	169920003213	NE	DA	BROWNINGSBURG	IN-BROWNINGSBURG-N-2281-BSC	5,300	5,800	67	2020	2020												Y	Contribution in progress.
N-2281	14803227	179820003216	NE	MA	TERRE HAUTE	IN-TERRE HAUTE-N-2281-BSC	5,300	5,300	67	2020	2020												Y	Contribution in progress.
N-2278	16071530	169920003213	NE	LA	WEST LAFFAYETTE	IN-WEST LAFFAYETTE-N-2278-BSC	5,800	5,800	20	2020	2020												Y	Contribution in progress.
N-2300	13971300	169920003216	NE	LA	WEST LAFFAYETTE	IN-WEST LAFFAYETTE-N-2300-BSC	4,300	4,300	57	2020	2020												Y	Actual charges include preliminary engineering and partial material costs only.
N-2300	15971316	169920003216	NE	LA	LAFFAYETTE	IN-LAFFAYETTE-N-2300-BSC	7,100	4,415	30	2021	2023												Y	Project reinstalled and scheduled for 2023.
N-2309	13971300	169920003217	NE	LA	LAFFAYETTE	IN-LAFFAYETTE-N-2309-BSC	7,800	7,800	48	2020	2020												Y	Contribution in progress.
N-2309	13971300	169920003217	NE	CO	COLUMBUS	IN-COLUMBUS-N-2309-BSC	2,500	2,500	27	2020	2020												Y	Contribution in progress.
N-2374	13971300	169920003214	SE	BL	BLOOMINGTON	IN-BLOOMINGTON-N-2374-BSC	2,650	2,650	41	2020	2021												Y	Actual charges include preliminary engineering and partial material costs only.
N-2385	13989378	169920003213	SE	GP	GREENFIELD	IN-GREENFIELD-N-2385-BSC	1,100	1,100	10	2020	2020												Y	Contribution in progress.
N-2385	13989389	169920003214	SE	CO	COLUMBUS	IN-COLUMBUS-N-2385-BSC	3,700	3,700	48	2020	2020												Y	Actual charges include preliminary engineering and partial material costs only.
N-2402	14810891	179820003216	NE	MA	TERRE HAUTE	IN-TERRE HAUTE-N-2402-BSC	3,800	3,800	62	2020	2020												Y	Contribution in progress.
N-2402	15981301	169730003213	NE	MA	ALBANY	IN-ALBANY-N-2402-BSC	5,000	5,000	39	2021	2021												Y	Project reinstalled and scheduled for 2021.
N-2402	14803227	179820003216	NE	MA	TERRE HAUTE	IN-TERRE HAUTE-N-2402-BSC	2,600	2,600	26	2020	2020												Y	Contribution in progress.
N-2402	13971300	169920003214	NE	TH	TERRE HAUTE	IN-TERRE HAUTE-N-2402-BSC	4,375	5,375	60	2020	2021												Y	Project reinstalled and scheduled for 2021.
N-4657	15971300	169920003216	NE	TH	TERRE HAUTE	IN-TERRE HAUTE-N-4657-BSC	4,300	4,300	52	2020	2020												Y	Contribution in progress.
N-4658	15971300	169920003216	NE	TH	TERRE HAUTE	IN-TERRE HAUTE-N-4658-BSC	4,500	4,500	75	2020	2020												Y	Contribution in progress.
N-4659	15971300	169920003216	NE</																					

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Maximo Work Order Number	Oracle Project Number	Project Category	Division	OC	City	Project Short Description	Previous Planned Year (4/1/20)	Current Planned Year	Previous Estimate (4/1/20)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary (Current Fall 2020 Filing)	Estimate Variance Commentary (Current Fall 2020 Filing)	Current Period Actual Spend (1/1/20 - 4/30/2020)	Inception to Date Actual Spend (1/1/14 - 06/30/2020)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary (Current Spring 2020 Filing)
8664431	13562002061213	Public Improvement	SE	CLARKSVILLE	NEW ALBANY	IN-NEW ALBANY-2500 BLK CHARLESTOWN RD--RELOCATE GAS MAIN	2021	2023					Project delayed by Street Commissioner due to lack of funding.						N	
10845148	17573302G61212	Public Improvement	NE	MUNCIE	MUNCIE	IN-MUNCIE-WHEELING AVE - RELOCATE MAIN	2020	2020											Y	Construction in progress. Project is trending 25% over estimate. Actual costs for traffic control, inspection, and backfill are projected to exceed the estimated amounts.
15656560	1859502G61217	Public Improvement	NW	LAFAYETTE	FRANKFORT	IN-FRANKFORT-WASHINGTON AVE --RELOCATE MAINS DUE TO ROAD RECONSTRUCTION PROJECT - PHASE 2	2020	2020											N	
15634137	18592002G61213	Public Improvement	SE	CLARKSVILLE	NEW ALBANY	IN-NEW ALBANY- MT TABOR ROAD PH 2 - RELOCATE MAINS DUE TO ROAD IMPROVEMENT PROJECT	2022	2024					Project rescheduled by the City of New Albany. Plans not finalized.						N	
15438738	17583302G51011	System Improvement	SE	FRANKLIN	GREENWOOD	IN-GREENWOOD-SYSTEM IMPROVEMENT ON MULLINX RD AND UPRATE OUT OF GRASSY CREEK STATION	2018	2018											Y	Construction in progress and is trending on target to estimate.
15589827	18595302G51214	System Improvement	NW	DANVILLE	PLAINFIELD	IN-PLAINFIELD-STAFFORD RD AREA 3 UPRATE GAS MAIN	2019	2019											Y	Original estimate assumed obtaining easement for main installation. Planned easements were not acquired because of existing landlock forced us to change the scope of the project and installed the main in public right of way. Additional 100' of 6" pipe installed because of the route change.
15589890	18595302G51215	System Improvement	NW	DANVILLE	PLAINFIELD	IN-PLAINFIELD-STANLEY RD AREA 2 ELEVATE RETEST GAS MAIN	2019	2019											Y	Unforeseen utility conflicts caused extra depth main installation by installing shoring, additional traffic control needed. Additional spot holes by vac truck required to identify/locate other utilities. TDSIC-12 charges are associated with final main installation and restoration costs.
13807515	1759502G51212	System Improvement	NW	LAFAYETTE	WEST LAFAYETTE	IN-WEST LAFAYETTE - KLONDIKE AREA 1-ELEVATEREST GAS MAIN	2020	2020					Waiting on IURC decision on design and uprate procedure in regards to undocumented test records on steel main and services.						N	
15497886	1859502G51210	System Improvement	NW	LAFAYETTE	WEST LAFAYETTE	IN-WEST LAFAYETTE - KLONDIKE AREA 2-ELEVATEREST GAS MAIN	2020	2020					Waiting on IURC decision on design and uprate procedure in regards to undocumented test records on steel main and services.						Y	Project duration has been extended due to complexities of uprate plan/process including collaboration with the IURC Pipeline Safety Division. Due to the delays it was necessary to construct a temporary reg station and 2500' of 4" PE main to connect two an adjacent system last winter. Field investigation identified an additional fill services beyond the quantity estimated that were retired, retested, or replaced. Minimal trailing charges in TDSIC-13 period.
12626778	17202802G53011	System Improvement	SE	CLARKSVILLE	JEFFERSONVILLE	IN-JEFFERSONVILLE-REBUILD RS #14-34-GTE	2019	2019											Y	
13758448	18202802G53013	System Improvement	NW	LAFAYETTE	FRANKFORT	IN-FRANKFORT-REBUILD STATION 2	2019	2019											Y	
15525323	18595302G51212	System Improvement	NW	DANVILLE	PLAINFIELD	IN-PLAINFIELD AREA 1 UPRATE GAS MAIN	2020	2020					Waiting on IURC decision on design and uprate procedure in regards to undocumented test records on steel main and services.						N	The initial charges are related to research, engineering design and uprate procedure. Also, sewer locating has been completed along with 50' of 2" PE main installed with 2 services, and additional scattered service replacements necessary prior to performing the future uprate. The original plan to increase the system operating pressure of the system to improve reliability has been delayed as the Company and IURC work through specific requirements for the existing main and service line testing procedures/requirements.
15975625	19595302051011	System Improvement	NW	DANVILLE	JEFFERSONVILLE	IN-ZIONSVILLE-E 300 S - INSTALL PIPE TO CONNECT 421 TO WHITESTOWN AND ANSON AREA NEAR AMAZON TO PROVIDE CAPACITY AND DELIVERABILITY TO AREA NORTH AND EAST OF ZIONSVILLE	2019	2019											N	Construction is still in progress, but will be completed in 2020. Project was delayed due to time required to obtain multiple easements for main installation.
8073722	14595002G50210	System Improvement	NW	TERRE HAUTE	TERRE HAUTE	IN-TERRE HAUTE-CLINTON RD (STOP 15)--OBSOLETE EQUIPMENT	2020	2020											N	
12626874	19592002G51011	System Improvement	SE	CLARKSVILLE	CHARLESTOWN	IN-CHARLESTOWN-INSTALL PIPE TO ENSURE CAPACITY AND DELIVERABILITY TO RIVER RIDGE AREA	2020	2020											N	Construction in progress and is trending to estimate.
13894325	15583502061220	Public Improvement	SE	FRANKLIN	FAIRLAND	IN-SHELBYVILLE-FAIRLAND ROAD-EXTENSION MAINS TO FAIRLAND-RELOCATE MAINS	N/A	N/A					Project cancelled due to discussion with City Engineer - project not likely to happen within ten years.						N	Project cancelled due to discussion with City Engineer - project not likely to happen within ten years.
13494166	1795502G61219	Public Improvement	NW	LAFAYETTE	WEST LAFAYETTE	IN-WEST LAFAYETTE-LINDBERG RD - RELOCATE MAINS DUE TO ROAD IMPROVEMENT PROJECT	2020	2020											N	
12307076	16583502061228 /18583502G61210	Public Improvement	SE	FRANKLIN	GREENWOOD	IN-GREENWOOD-WORTHVILLE RD --FROM US 31 WEST TO AVERTIT ROAD - RELOCATE MAINS DUE TO ROAD WIDENING PROJECT	2020	2020					Project rescheduled by project owner for 2020 construction.						N	Construction complete but not all charges incurred.

Maximo Work Order Number	Oracle Project Number	Project Category	Division	OC	City	Project Short Description	Previous Planned Year (4/1/20)	Current Planned Year	Previous Estimate (4/1/20)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary (Current Fall 2020 Filing)	Estimate Variance Commentary (Current Fall 2020 Filing)	Current Period Actual Spend (1/1/20 - 6/30/2020)	Inception to Date Actual Spend (1/1/14 - 6/30/2020)	Actual Spend Variance (\$)	Actual Spend Variance (%)	In-service? (Y or N)	Actual Spend Variance Commentary (Current Spring 2020 Filing)
15206958	1859502061214	Public Improvement	NW	LAFAYETTE	WEST LAFAYETTE		2018	2018											Y	Actual costs exceeded the estimate due to increased labor charges to accomplish a very difficult RR crossing bore. The RR crossing bore was more costly than estimated due to the close proximity of a large diameter water main not shown on the projects plans which required additional time, fittings and a much larger bore pit excavation to accomplish the bore while maintaining the safety and integrity of both utilities' facilities. The RRT required grouting of the old main under the tracks which took longer to complete than estimated. The existing pipe condition at the new main line in had corrosion indications which needed addressed and increased labor costs.
						IN-WEST LAFAYETTE-STATE ST -- SECT 6A - RELOCATE MAIN AND SERVICES													N	
10240617	16573302061213	Public Improvement	NE	MUNCIE	MUNCIE		2022	2022					City has not scheduled their project work yet. Project cancelled per project engineer.						N	
417841094	46673302061316	Public Improvement	NE	MUNCIE	DALYVILLE	IN-DALYVILLE WALNUT SOUTH OF SR-67 - RELOCATE MAIN	N/A	N/A											N	Cancelled by municipality
11840246	16583302061224	Public Improvement	SE	FRANKLIN	FRANKLIN	IN-FRANKLIN ARVIN DR -- RELOCATE MAINS DUE TO NEW ROUNDABOUT PROJECT	2020	2020						Final plans have not yet been provided					N	
12002667	16583302061225	Public Improvement	SE	FRANKLIN	FRANKLIN	IN-FRANKLIN GRAHAM --AT COMMERCE PARKWAY-RELOCATE MAINS DUE TO NEW ROUNDABOUT	2021	2021					Project rescheduled by City of Franklin						N	
13198512	16592002061216	Public Improvement	SE	CLARKSVILLE	JEFFERSONVILLE	IN-JEFFERSONVILLE-SALEM NOBLE ROAD - RELOCATE MAINS DUE TO ROAD RECONSTRUCTION PROJECT	2021	2022					Project delayed by County due to lack of funding.						N	
11539590	18592002061212	Public Improvement	SE	CLARKSVILLE	NEW ALBANY		2018	2018											Y	The actual cost for this project exceeded the estimate due to an additional 400 feet of 2 inch main being installed to establish a second feed to the customers downstream of the culvert replacement which allowed them to remain in service during the retrofits/replace work at the culvert. Once the culvert replacement work was finished the original main was replaced and reconnected as originally planned. TDSIC-12 period charges were for completion of the additional work described in TDSIC-11.
13198230	16592002061217	Public Improvement	SE	CLARKSVILLE	JEFFERSONVILLE		2020	2020					Original estimate was created in 2015. Sewer project scope was recently updated (2020) and requires three times more main (increased from 900' to 2700') to be relocated than originally planned based on 2015 public project scope.					N		
12623189 16542358	17583002061212	Public Improvement	NE	NOBLESVILLE	CARMEL	IN-CARMEL-HAMILTON COUNTY RELOCATE MAINS DUE TO BUS RAPID TRANSIT SYSTEM PROJECT	2022	2022					Project remains unscheduled by Hamilton County						N	Projected start late 2020.
12622472	TBD	Public Improvement	NE	ANDERSON	ANDERSON	IN-MOUNDS LAKE-PHASE ONE - RELOCATE MAINS FOR NEW RESERVOIR/LAKE	2023	2023					Project details still being studied by the State of Indiana						N	
12622472	TBD	Public Improvement	NE	ANDERSON	ANDERSON	IN-MOUNDS LAKE-PHASE TWO - RELOCATE MAINS FOR NEW RESERVOIR/LAKE	2023	2023					Project details still being studied by the State of Indiana						N	
12622472	TBD	Public Improvement	NE	ANDERSON	ANDERSON	IN-MOUNDS LAKE-PHASE THREE - RELOCATE MAINS FOR NEW RESERVOIR/LAKE	2023	2023					Project details still being studied by the State of Indiana						N	
10518255	17583002061213	Public Improvement	NE	NOBLESVILLE	SHERIDAN	IN-SHERIDAN-STATE ROAD 38 @ SIX POINTS ROAD- MAIN RELOCATE DUE TO INTERSECTION REBUILD	2019	2019											Y	Actual construction costs are under the original estimate due to partial reimbursement of relocation costs received for the portion of the main located within easement.
13494 120	1859502061210	Public Improvement	NW	LAFAYETTE	WEST LAFAYETTE	IN-WEST LAFAYETTE-KLONDOK RD - RELOCATE MAINS DUE TO ROAD RECONSTRUCTION PROJECT	2018	2018											Y	
13807492	1759502061212	Public Improvement	NW	LAFAYETTE	FRANKFORT	IN-FRANKFORT WASHINGTON AVE --RELOCATE MAINS DUE TO ROAD RECONSTRUCTION PROJECT - PHASE 1	2019	2019											Y	
236	TBD	Gas LP Plant	NW	N/A	LEBANON	IN-LEBANON-FLOW CONTROLLERS UPGRADE	2020	2020											N	
12588723	155920602061213/ 185920602061210	Public Improvement	SE	COLUMBUS	GREENSBURG		2019	2019											Y	Construction complete but not all charges incurred. Project cost is anticipated to be less than estimate due to reduced traffic control needs and material costs.
10767877	1759502051210	System Improvement	NW	LAFAYETTE	LAFAYETTE		2021	2021					Waiting on IURC decision on design and update procedure in regards to undocumented test records on steel main and services.						N	
15497693	1859502051212	System Improvement	NW	LAFAYETTE	WEST LAFAYETTE	IN-WEST LAFAYETTE - KLONDOK AREA--ELEVATERTEST GAS MAIN	2020	2020					Waiting on IURC decision on design and update procedure in regards to undocumented test records on steel main and services.						N	
12626850	1759502061215	Public Improvement	NW	DANVILLE	BROWNSBURG		2018	2018											Y	Project costs exceeded the estimate due to an additional relocation (our original relocation bore was slightly too shallow) of the newly installed main which was determined to be in conflict with the new storm drainage system. This was due to an extremely congested ROW shared by multiple utilities.
13198131	17592002061210	Public Improvement	SE	CLARKSVILLE	NEW ALBANY	IN-NEW ALBANY- MT TABOR ROAD - RELOCATE MAINS DUE TO ROAD IMPROVEMENT PROJECT	2018	2018											Y	
1262403	17583002061210	Public Improvement	NE	NOBLESVILLE	CARMEL	IN-CARMEL-GOLF FORD AVE-CITY CENTER DR TO MAIN ST- RELOCATE MAIN DUE TO STREET WIDENING PROJECT	2018	2018											Y	
12035020	476883002061213	Public Improvement	SE	FRANKLIN	GREENWOOD	IN-GREENWOOD-SMITH VALLEY ROAD --AT MADISON AVENUE- RELOCATE MAINS DUE TO NEW ROUNDABOUT PROJECT	2018	2018											Y	
12626703	1759502061210	Public Improvement	NW	DANVILLE	AVON		2018	2018											Y	The actual cost for this project exceeded the estimate due to extra depth required to achieve and maintain the necessary clearance from adjacent conflicting utilities. The work was also impacted by excessive rain which slowed the work progress and resulted in higher labor costs and extended traffic control costs.
221	18200602006012	Gas Production & Storage	SE	BLOOMINGTON	BLOOMINGTON	IN-AVON-CR 200 N - DAN JONES TO RONALD REAGAN --RELOCATE MAINS DUE TO ROAD IMPROVEMENT PROJECT	2020	2020											Y	

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13378033	16595302061224	Public Improvement	NW	DANVILLE	LEBANON	IN-LEBANON-INDIANAPOLIS AVE ---PHASE II - RELOCATE MAINS DUE TO ROAD IMPROVEMENT PROJECT	2018	2018											Y	Actual cost is less than the estimated cost due to the original estimate being based on preliminary plans. Actual construction cost was based on final plans.
14391209	17595502061216	Public Improvement	NW	LAFAYETTE	WEST LAFAYETTE	IN-WEST LAFAYETTE-STATE ST ---SECT 1A - RELOCATE MAIN AND SERVICES	2017	2017											Y	Project scope was expanded through mutual agreement with the City of Lafayette to extend the 6" main approx. 493' to position it for future known development to avoid future cutting of pavement of new pavement.
14713216	17595502061210	Public Improvement	NW	TERRE HAUTE	TERRE HAUTE	IN-TERRE HAUTE 1ST ST & MULMAN ST - RELOCATE MAIN DUE TO INTERSECTION IMPROVEMENT PROJECT	N/A	N/A											N	Project cancelled. Project Scope was changed by City of Terre Haute to avoid conflicts with new facilities and re-allocation needed.
12002644	1758303061216	Public Improvement	SE	FRANKLIN	FRANKLIN	IN-FRANKLIN EASTVIEW DRIVE - RELOCATE MAIN DUE TO NEW ROUNDABOUT PROJECT	N/A	N/A											N	Project cancelled. The planned relocation project was incorporated into an additional System Improvement project for efficiency.
13894368	1658303061221	Public Improvement	SE	FRANKLIN	GREENWOOD	IN-GREENWOOD-STONES CROSSING ROAD RELOCATE MAINS DUE TO NEW ROUNDABOUT PROJECT	N/A	N/A					Project cancelled - combined with Worthville Rd. project WO # 1287076					N	Project cancelled - combined with Worthville Rd. project WO # 1287076	
13563141	17595502061213	Public Improvement	NW	TERRE HAUTE	TERRE HAUTE	IN-TERRE HAUTE-SPRINGHILL RD-USA TO FR-67 - RELOCATE MAINS DUE TO ROAD WIDENING	N/A	N/A											N	Project cancelled. After completing the conflict analysis of the final plans it has been determined that there are no conflicts with existing facilities requiring relocation.
42602759	46655502061029	Public Improvement	SE	FRANKLIN	GREENWOOD	IN-GREENWOOD-MADISON AVE RAMP TRANSIT RED LINE- RELOCATE MAINS DUE TO RAMP TRANSIT PROJECT	N/A	N/A											N	
15253207	18583020244210	Rural Extension	NE	NOBLESVILLE	WESTFIELD		2018	2018											Y	Main size was increased from 6" to 8" for due to notification of new large adjacent development that would require service from the same main. This new information was received in January 2020 after the project was released for construction. System modeling supported the need for 8" main - installation of the originally planned 6" would require an additional project to increase the main size at a later date. The decision was made to install the larger main on this project as the most cost effective means of serving the area including the future development. The project's 20-year revenue is estimated at \$928 which far exceeds the project's actual cost supporting the decision to make the investment in higher capacity infrastructure as part of the original planned Osborne Trails extension.
14000440	18595302051213	System Improvement	NW	CRAWFORDSVILLE	LINDEN	15253207 IN-WESTFIELD-SB560 OFFSITE MAIN-OSBORNE TRAILS EXTENSION	2020	2020											N	
16382565	18595302044226	Rural Extension	NW	DANVILLE	PLAINFIELD	IN-LINDEN-SR 231 ---ELEVATE/RETEST GAS MAIN IN-PLAINFIELD-SB560-TATTERSALL AREA-PHASE 1-INSTALL MAIN	2020	2020											Y	Construction completed.
15461041	18595302044213	Rural Extension	NW	DANVILLE	WHITESTOWN	IN-WHITESTOWN PHASE 3 WEST-SB560	2018	2019											Y	Construction cost exceeded the estimate due to a change in main size from 2 inch to 4 inch to accommodate a new grain dryer customer added to the project after initial estimate and design were completed. Easement acquisition costs were greater than estimated.
16803251	19595302044217	Rural Extension	NW	DANVILLE	CAMBY	16803251 IN-CAMBY-10356 LEASES CORN	2019	2019											Y	Sewer locating costs exceeded estimate due to difficulty in locating sewers. Required camera locating.
16453335	19595502044212	Rural Extension	NW	LAFAYETTE	LAFAYETTE		2019	2019											Y	Actual costs exceeded the project estimate due primarily to increased construction labor costs caused by multiple mobilizations and demobilizations to accommodate the other jobsite contractors and to avoid work zone conflicts for new access, curbs, sidewalks, and etc. Work was also slowed significantly by the extremely wet weather. Trailing charges in TDSIC-13 period were associated with items described above.
						16453335 IN-WEST LAFAYETTE-1838 STA														
17211620	1957302044210	Rural Extension	NA	MUNCIE	MUNCIE		2019	2019											Y	Actual costs exceeded the estimate due to the unexpected discovery of non-standard sized main not indicated on historical records which required an additional 120' of main to be installed and an unplanned road bore to accommodate the actual site conditions. Trailing charges in TDSIC-13 period were associated with items described above.
						17211620 IN-MUNCIE-9495 S FLEMING S													Y	Actual costs were less than the estimated due to the utilization of available in-house labor resources rather than contractor.
16633036	1958302044210	Rural Extension	SE	NA	KNIGHTSTOWN	16633036 IN-KNIGHTSTOWN-5 POINTS RD	2019	2019											Y	Actual costs exceeded the estimate due to the addition of 180' of main and another driveway crossing to accommodate the customer's meter location request.
16992461	1958302044214	Rural Extension	SE	NA	KNIGHTSTOWN	16992461 IN-KNIGHTSTOWN-9925 N S PO	2019	2019											Y	Actual costs for inspection and restoration exceeded the estimate.
16931846	1958302044213	Rural Extension	SE	FRANKLIN	FRANKLIN	16931846 IN-FRANKLIN-250 FAIRGROUND	2019	2019											Y	Actual costs for inspection and restoration exceeded the estimate.
260	TBD	Gas Production & Storage	NW	N/A	WOLCOTT	IN-WOLCOTT-MISTARAS LEAK DETECTOR	N/A	N/A											N	
10729188	17595302051214	System Improvement	NW	DANVILLE	BROWNSBURG		2020	2020					Waiting on IURC decision on design and update procedure in regards to undocumented test records on steel main and services.						N	
10767666	17595302050210	System Improvement	NW	DANVILLE	PLAINFIELD	IN-PLAINFIELD-MAXWELLTON ST ---ELEVATE/RETEST GAS MAIN	2020	2020											N	
15524008	18595502051215	System Improvement	NW	LAFAYETTE	LAFAYETTE	IN-LAFAYETTE-REBUILD STATION 655000719	2020	2020											N	
17153234	19592403044216	Rural Extension	SE	BLOOMINGTON	BLOOMINGTON		2019	2019											Y	Actual costs exceeded the estimate due to an additional 20' of main being added to the project and due to failure of the main boring equipment which delayed the progress and ultimately forced the installation via trenching which is a slower process and requires additional site restoration, all of which added significantly to the overall labor costs.
222	202006020206011	Gas Production & Storage	SE	BLOOMINGTON	BLOOMINGTON	17153234 IN-BLOOMINGTON-4450 S DARR	2020	2020											N	Construction in progress.
10767780	17595302051215	System Improvement	NW	LEBANON	LEBANON	REPLACE HINDUSTAN DSHV IN-MOUNDS LAKE-PHASE THREE - RELOCATE MAINS FOR NEW RESERVOIR LAKE	2020	2020											N	Construction to start in summer 2020.
12627488/16921762	18595502061210/20595020251011	System Improvement	SE	COLUMBUS	COLUMBUS	IN-COLUMBUS-COLUMBUS SOUTHWEST HP LOOP - INSTALL PIPE TO ENSURE CAPACITY AND DELIVERABILITY TO AREA SOUTH OF GLADSTONE AVENUE	2020	2020											N	Actual charges include preliminary engineering costs only.
17173198	19592403044217	Rural Extension	SE	FRANKLIN	MARTINSVILLE	17173198 IN-MARTINSVILLE-2193 E COU	2019	2019											Y	
17164577	19592403044218	Rural Extension	SE	BLOOMINGTON	BLOOMINGTON	17164577 IN-BLOOMINGTON-1990 E LUKE	2019	2019											Y	Internal crew used to construct project resulting in lower than estimated labor costs.

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16860054	18952620044210	Rural Extension	SE	COLUMBUS	COLUMBUS	16860054-IN-COLUMBUS-5.550 W ~~~GMIN	2019	2019											Y	The actual cost for this project exceeded the estimate due to additional labor and vacuum excavation equipment required to search for an un-locatable water main.
17170296	18952620044210	Rural Extension	SE	BLOOMINGTON	MOORESVILLE	17170296-IN-MOORESVILLE-10751 N RAI	2019	2019											Y	Main was extended an additional 200' and connected to an existing main to create a dual feed/reinterconnection to enhance reliability of system in the area and support future customer additions.
16633303	18959020044215	Rural Extension	NW	NA	CLAY CITY	16633303-IN-CLAY CITY-316 E 14TH ST	2019	2019						Service line cost were unintentionally included in original estimate. Revised estimate is for main installation only as is standard practice for rural extension projects.					Y	
16812927	18959302044218	Rural Extension	NW	DANVILLE	WHITESTOWN	16812927-IN-WHITESTOWN-6460 CENTER	2019	2019											Y	Actual costs exceeded the estimated costs due to conflicts with adjacent utilities that were found after the original estimate was completed. Utilities were not identified during design locate process. Changes to planned construction route to address the conflicts added labor cost.
15854094	18959302044220	Rural Extension	NW	DANVILLE	WHITESTOWN	15854094-IN-WHITESTOWN-WALKER FARMS Phase 3	2019	2019											Y	Actual costs were under the estimate due to in-house inspector being used during construction rather than the budgeted outside contract inspector.
17070878	18959502044218	Rural Extension	NW	LAFAYETTE	LAFAYETTE	17070878-IN-LAFAYETTE-CROOKED ST ~~~	2019	2019											Y	
16399670	19481302044212	Rural Extension	SE	NA	RUSHVILLE	16399670-IN-RUSHVILLE-5374 N STATE	2019	2019											Y	
15033699	18686302044216	Rural Extension	SE	FRANKLIN	FRANKLIN	15033699-New Construction Grand Dryer called N-FRANKLIN-SB560	2019	2019											Y	
16448676	19481302044215	Rural Extension	SE	GREENFIELD	GREENFIELD	16448676-UMBARGER FARM 600 E ~~~	2020	2020											Y	
17810788	20050402044210	Rural Extension	PARAGON	BLOOMINGTON	PARAGON	17810788-IN-GREENFIELD-300 N ~~~GMIN SB560 MOHAWK	N/A	2020						Identified in Spring 2020					Y	Construction in progress.
10864042	20095302044210	Rural Extension	NW	DANVILLE	WHITESTOWN	10864042-IN-PARAGON-3208 WAKELAND R	N/A	2020						Identified in Spring 2020					Y	Construction in progress.
238	18200602006011	Gas Production & Storage	SE	NA	SELLERSBURG	238-IN-SELLERSBURG-REPLACE HP DRIP	N/A	2021						Project is being re-evaluated and has been re-prioritized to 2021.					N	Credit due to material transfers to 18200602006011 SBACD
200	17200602006013	Gas Production & Storage	SE	BLOOMINGTON	BLOOMINGTON	200-IN-SELLERSBURG-REPLACE HP DRIP	2018	2018											Y	Detailed analysis and design determined the existing control tower could be retrofitted with new components and supplemented with a new reboler instead replacing control tower as originally planned. Also, the glycol system piping was modified to work with the new components rather than completely replacing the piping as originally planned.
17503816	20095302044212	Rural Extension		DANVILLE	DALEVILLE	17503816-IN-BLOOMINGTON-REPLACE DEHYDRATOR	N/A	2020											Y	All charges have not been incurred.
17718097	20095302044213	Rural Extension		DANVILLE	PLAINFIELD	17718097-IN-PLAINFIELD-3882 TEXESBU	N/A	2020											N	Construction in progress. All charges have not been incurred.
15704575	185920020044210	Rural Extension	SE	CLARKSVILLE	GEORGETOWN	15704575-IN-GEORGETOWN-NOVAPARKE OFFSITE	2020	2021						Project still being evaluated and is not anticipated to start until 2021	Estimate updated to include extension to an industrial park, assessments, rock removal, and a double track railroad crossing required to provide service to additional customers.				N	Still being evaluated by customer(s) - possible late 2020 start
15626368	185920020044212	Rural Extension	SE	CLARKSVILLE	CHARLESTOWN	15626368-IN-CHARLESTOWN-SB560 BETHANY ROAD	2020	2020											N	Design & estimate completed. Late 2020 start expected.
450808267	48693002044204	Rural Extension	NW	DANVILLE	LEBANON	450808267-IN-LEBANON-4425 N 450 W ~~~GMIN	N/A	N/A											N	Proposed-cancelled
54274385	48693002044209	Rural Extension	NW	DANVILLE	PLAINFIELD	54274385-IN-PLAINFIELD-7380 99000 SPRUCE CT ~~~GMIN	N/A	N/A											N	
13992299	18595302044220	Rural Extension	NW	DANVILLE	PLAINFIELD	13992299-IN-PLAINFIELD-6 CR 200 S AND S CR 450 E ~~~SB560	2021	2021						Project delayed due to insufficient customer interest/commitment at this time.					N	
17141212	18959302044222	Rural Extension	NW	DANVILLE	PLAINFIELD	17141212-IN-PLAINFIELD-SB560 TATTERSALL AREA-PHASE 2-INSTALL MAIN	2020	2020											N	Construction in progress.
16912365	19481302044213	Rural Extension	SE	NA	KNIGHTSTOWN	16912365-IN-KNIGHTSTOWN-9753 N S PO	2019	2019						Identified in Fall 2019					Y	Actual costs were less than the estimate due to the utilization of available in-house labor resources rather for construction.
16895398	19392402044214	Rural Extension	SE	FRANKLIN	MARTINSVILLE	16895398-IN-MARTINSVILLE-1204 CORP	2019	2019						Identified in Fall 2019					Y	
16883087	18959020044217	Rural Extension	NW	NA	CLAY CITY	16883087-IN-CLAY CITY-536 E FAIR AV	2019	2019						Identified in Fall 2019					Y	
17038726	18959302044215	Rural Extension	NW	NA	WILLIAMSPORT	17038726-IN-WILLIAMSPORT-427 W WASH	2019	2019						Identified in Fall 2019					Y	
16217420	18595302044212	Rural Extension	NW	NA	JAMESTOWN	16217420-IN-JAMESTOWN-SB560 468 CR	2019	2019						Identified in Fall 2019					Y	
16126427	18592402044218	Rural Extension	SE	BLOOMINGTON	MOORESVILLE	16126427-IN-MOORESVILLE-NORTH FOREST GROVE RD-SB560	2018	2018											Y	Costs increased due to a change to the original plan which added approximately 300 additional feet of main to serve additional customers who were identified after the original estimate was created.
16327050	18583302044213	Rural Extension	SE	GREENFIELD	MCCORDSVILLE	16327050-IN-MCCORDSVILLE-4443 N 750	2018	2018											Y	
16275861	18595302044225	Rural Extension	NW	DANVILLE	WHITESTOWN	16275861-IN-WHITESTOWN-WALKER FARMS PHASE 2 ~~~SB560-GAS MAIN INSTALL	2019	2019											Y	Actual costs exceeded the estimate due to other utility competition in a tight relocation work area. Specifically, there were difficulties obtaining accurate location information for the existing sewer systems which required costly insertion of camera equipment and many additional spot hole excavations to ensure the integrity of the sewers and gas mains as well as maintain public and worker safety. Minimal trailing charges in TOSIC-12 period.
16326636	18952402044220	Rural Extension	SE	BLOOMINGTON	BLOOMINGTON	16326636-IN-BLOOMINGTON-CPD SB560 S	2019	2019											Y	
16432362	18959302044219	Rural Extension	NW	DANVILLE	LEBANON	16432362-IN-LEBANON-4475 S 275 E	2019	2019											Y	
16161800	18592402044215	Rural Extension	SE	BLOOMINGTON	BLOOMINGTON	16161800-IN-BLOOMINGTON-MUIRFIELD PHASE 5 ~~~SB560	2018	2018											Y	
15524010	18595302044217	Rural Extension	NW	DANVILLE	WHITESTOWN	15524010-IN-WHITESTOWN-WALKER FARMS PHASE 1 - SB 560---GAS MAIN INSTALL	2018	2018											Y	Actual costs exceeded the estimated costs for this project primarily due to three factors. 1. The estimated costs for all sewer locating were inadvertently excluded from the final estimate. 2. Due to the project owner's timing requirements and the planned rear-facing of the streets all crossings had to be completed in advance of the rest of the adjacent work which caused multiple inefficient modifications and demolitions. 3. New tapping equipment was required due to the size and type of main pipe used which led to additional labor costs for an additional tapping crew to assist in.
10222516	18583302044219	Rural Extension	SE	FRANKLIN	BARGERSVILLE	10222516-IN-BARGERSVILLE-SB560 5844	2018	2018											Y	
16302693	18595302044223	Rural Extension	NW	DANVILLE	LEBANON	16302693-IN-LEBANON-3701 S INDIANAP	2018	2018											Y	The actual cost of this project is less than the estimate due to better than expected construction conditions which resulted in less labor expense.
16401288	18595302044210	Rural Extension	SE	FRANKLIN	BARGERSVILLE	16401288-IN-BARGERSVILLE-SB560 5689	2019	2019											Y	Estimate included a contingency for potholes and restoration but the main installation used a very minimal restoration.
16534349	18959302044210	Rural Extension	NW	LAFAYETTE	LAFAYETTE	16534349-IN-SB560 BUCK CREEK 7401 U	2019	2019											Y	
16432362	18595302044219	Rural Extension	SE	FRANKLIN	MARTINSVILLE	16432362-IN-MARTINSVILLE-SB560 3024	2019	2019											Y	

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16261644	1858350204421	Rural Extension	SE	FRANKLIN	FRANKLIN	16261644-IN-FRANKLIN-SB560 0 W STAT	2019	2019											Y	Traffic control costs were included in estimate but not needed.
16299522	18585902044212	Rural Extension	NW	DANVILLE	KIRKLIN	16299522-IN-KIRKLIN-444 W HENRY RD --- SB560 MAIN EXT	2018	2018											Y	Traffic control costs for were less than estimated due to the remote rural location of the work. Additionally, the main installation was completed at a lower per foot cost than estimated.
16544287	19592002044212	Rural Extension	SE	CLARKSVILLE	SELLERSBURG	16544287-IN-SELLERSBURG-7004 COUNTY	2019	2019											Y	The actual cost for the project exceeded the estimate due to field modification that was found to be in conflict with the planned location of our main. This resulted in our main being shifted to a location under field-surface pavement which required additional labor and materials to excavate, install, and restore the pavement.
N/A	18020802049011	Targeted Economic Development	NW	DANVILLE	PLAINFIELD	IN-PLAINFIELD-UPHS CNGALPOINTS TED-INSTALL PIPELINE, METER SET, REG STATIONS	2018	2018											Y	footage vs trench of 405' more than planned to avoid road/parking lot pavement and extensive landscaping. One HDD segment encountered rock which increased cost by \$141,890. Additional environmental control measures and clean-up costs (roads, parking areas) were required due to wet conditions. Trailering environmental permitting charges in.
17615776	2059502041222	Targeted Economic Development	NW	TERRE HAUTE	TERRE HAUTE	TERRE HAUTE SOUTH INDUSTRIAL PARK (SATURN PET PRODUCTS)	2020	2020											N	
253	17200602006012	Gas Production & Storage	NW	N/A	WOLCOTT	Frankfort Gas Main Extension - Hwy 28 & 800 W (NHK SEATING)	2018	2018											Y	Actual control valve selected was less than originally estimated.
231	18200602006013	Gas Production & Storage	SE	N/A	JEFFERSONVILLE	IN-WOLCOTT-UPGRADE FLOW CONTROLLER	2018	2018											Y	Original estimate was based on a broad project scope. The actual work necessary to complete the project cost significantly less than originally estimated.
11198275	1458302051214	System Improvement	SE	FRANKLIN	WHEATLAND	IN-JEFFERSONVILLE-ENGINE PRELUDE PUMPS	2017	2017											Y	Additional costs for RRR permit and preparation and expedited replacement of carrier pipe, resulting in additional excavations, material, backfill, restoration and labor costs.
15440622	18595302051210	System Improvement	NW	DANVILLE	BROWNSBURG	N-WHEATLAND-PEARL ST - CASING SHORT REMEDIATION ---	2019	2019											Y	Estimate needed to cross 19 parcels original plan assumed installation in ROW. 290 extra hours needed for traffic control. TAM charges used for extra depth and shoring boxes.
12265416	17583302051012	System Improvement	SE	FRANKLIN	FRANKLIN	IN-BROWNSBURG-CR 700N ---2018 SI MAIN - INSTALL 11,000 FT OF 6" PE MAIN TO ENSURE CAPACITY AND DELIVERABILITY TO AREA WEST OF SAGE CREEK GOLF COURSE	2018	2018												
NA	17202802049011	Targeted Economic Development	NE	RICHMOND	RICHMOND	IN-FRANKLIN - NORTH AND EAST SIDE UPRATE	2017	2017												
15660577	18562102045212	Targeted Economic Development	NE	ANDERSON	PENDLETON	IN-RICHMOND-HEARTLAND (Blue Buffalo) PET FOOD MANUFACTURING -INSTALL REG STATION, MAIN, SERVICE	2018	2018											Y	
N/A	18020802049012	Targeted Economic Development	NE	ANDERSON	PENDLETON	IN-PENDLETON-9302 W 650 S-GMNS-SHELBY MATERIALS-SB 560- DISTRIBUTION	2018	2018												
N/A	15020902051011	Automated Meter Reader (AMR)	North	N/A	VARIOUS	IN-PENDLETON-9302 W 650 S-GMNS-SHELBY MATERIALS-SB 560- TRANSMISSION	2015/16/17	2015/16/17											Y	Cost variance due to additional easement requirements to construct station - original planned site could not be obtained. This resulted in station design changes necessitating construction cost. Minimal trailing charges in C&A- 12 period.

Project Number	Onsite Project Number	Project Category	Division	Storage Field	OC	City	Project Short Description	Previous Planned Year (4/1/20)	Current Planned Year (4/1/20)	Previous Estimate (4/1/20)	Current Estimate	Estimate Variance (\$)	Estimate Variance (%)	Timing Variance Commentary (Current Year 2023 Filing)	Estimate Variance Commentary (Current Year 2023 Filing)	Current Period Actual Spend (1/1/20 - 4/30/2023)	Inception to Date Actual Spend (1/1/14 - 4/30/2023)	Actual Variance (\$)	Actual Variance (%)	Is-saved? (Y or N)	Actual Spend Variance Commentary (Current Spring 2023 Filing)	
4197	1802006555011	Equipment	SE	Uhrville	Uhrville	Uhrville	Replace well head UNO-054 Davis #1	2018	2018											Y	The original plan for remediation of casing defects was to install patches at defect locations. The effort was not successful in remediate the defects, therefore the well was plugged and abandoned. Cost to P&H was not estimate for repairs and removals.	
4343	1902006555015	Well Construction / Remediation	SE	Uhrville	Uhrville	Uhrville	Remediate defect at UNO-008 Neil #1 well	2019	2019											Y	The effort was not successful in remediate the defects, therefore the well was plugged and abandoned. Cost to P&H was not estimate for repairs and removals.	
4358	1902006555015	Well Construction / Remediation	SE	Uhrville	Uhrville	Uhrville	Plug and abandon UNO-076 Otis Young #1 well	2019	2019											Y	Cost related to contract services completed due to patch failure. No issues were encountered with well plugging operation allowing it to be completed at less cost than estimated. Restoration costs for monitoring access roads to well were also less than estimated.	
4850-4799	1902006555017	Pressure Monitoring / SCADA / RTU	NE	Wolcott	Wolcott	Wolcott	Phase 1 and 2 of remote pressure monitoring at Wolcott	2020	2020											Y	Equipment purchased for multiple storage fields was changed to this project. The \$108K project issue was changed to include Replacement of the existing wellhead. Inspection of the existing wellhead and casing construction determined the wellhead would need to be replaced with the casing liner. Replacement of the casing only would not allow well logging capability with the existing wellhead. The wellhead was replaced so the liner could be lowered into the production string, while still being able to monitor the pressure and the gas carrying level and the annular space between the production string and the minimal trailing charges at TD/BC-33 sealed.	
4195	1802006555015	Well Construction / Remediation	NW	Wolcott	Wolcott	Wolcott	Install casing liner WOT-021 Gave #7	2018	2018											Y	Project issue changed from liner to well to include abandonment of the well. The project was completed in the spring of 2020. Connected two additional well heads for 2020 well logging access.	
4192	1902006555013	Well Construction / Remediation	SE	Sellersburg	Sellersburg	Sellersburg	Install casing liner SEC-008 Gaveco #1	2019	2019											Y	Actual charges include preliminary engineering and partial material costs only. Land acquisition is in progress which will require project to be completed in 2021.	
4191	1802006555011	Well Construction / Remediation	SE	Uhrville	Uhrville	Uhrville	Install 2 well access at Uhrville Storage Field	2019	2019											Y	Project is complete. All charges have not been incurred.	
4191	1802006555018	Well Construction / Remediation	SE	Uhrville	Uhrville	Uhrville	Drill new observation well at Uhrville Storage Field	2019	2019											Y	Construction in progress. Cost is trending to estimate.	
4282	1802006555018	Well Construction / Remediation	SE	Uhrville	Uhrville	Uhrville	Drill new observation well at Uhrville Storage Field	2020	2020											Y	Project is complete.	
4343	1902006555016	Well Construction / Remediation	NE	Wolcott	Wolcott	Wolcott	Drill new observation well at northern hole of Wolcott Storage Field	2019	2019											Y	Project is complete.	
4347	2002006555012	Well Construction / Remediation	NE	Wolcott	Wolcott	Wolcott	Comment and recompletes WOT-054 County Line Farms well	2020	2020											Y	Project is complete.	
5000	2002006555011	Well Construction / Remediation	SE	Uhrville	Uhrville	Uhrville	Peterson #4 Flowline Addition	NA	2020											Y	Project is complete.	
5019	2002006555013	Well Construction / Remediation	SE	Uhrville	Uhrville	Uhrville	UNO-038 Otis Young #2, WH Chng	NA	2020											Y	Project is complete and costs are trending to estimate.	
4022	1802006555030	Emergency Response	NW	Wolcott	Wolcott	Wolcott	Emergency well access improvement - install 7 well access roads at Wolcott Storage Field	2020	2021											Y	Revised to 2021 due to landowner and access issues.	
4801-4308	TBD	Pressure Monitoring / SCADA / RTU	SE	Uhrville	Uhrville	Uhrville	Install Phase 1 & 2 of remote pressure monitoring at Uhrville	2020	2022											Y	This project will be combined with project 4308 to complete all the work in 1 phase. The project has been postponed to 2022.	
4801-4340	TBD	Pressure Monitoring / SCADA / RTU	NE	Wolcott	Wolcott	Wolcott	Install Phase 1 & 2 of remote pressure monitoring at Wolcott	2020	2022											Y	This project will be combined with project 4308 to complete all the work in 1 phase. The project has been postponed to 2022.	
4801-4340	TBD	Pressure Monitoring / SCADA / RTU	SE	Uhrville	Uhrville	Uhrville	Install Phase 1 & 2 of remote pressure monitoring at Uhrville	2020	2022											Y	This project will be combined with project 4308 to complete all the work in 1 phase. The project has been postponed to 2022.	
4310	TBD	Pressure Monitoring / SCADA / RTU	SE	Hidatsat	Hidatsat	Hidatsat	Install Phase 1 and Phase 2 of remote pressure monitoring at Hidatsat	2020	2020											Y	Project is complete.	
3679	1902006555012	Well Construction / Remediation	SE	Sellersburg	Sellersburg	Sellersburg	Plug and abandon SET-003 Gaveco #3 well	2018	2018											Y	Project changed from a plug and abandon to decommission and recompleting the well. The well was able to be used to better identify the boundary of the storage field. The additional work included additional casing and annular space repair for the decommission.	
4192	1802006555011	Well Construction / Remediation	SE	Sellersburg	Sellersburg	Sellersburg		2018	2018											Y	Actual costs included recompleting to the existing flow line which was required because the wellhead was required to be extended 2' higher. Also, wireline was required to lift the well instead of because it would not feed the water. In addition, a public right was required because there was a valid plat inside the wellhead which had to be lifted and mineral interests changes in CUSA 12 sealed.	
4198	1802006555016	Equipment	SE	Uhrville	Uhrville	Uhrville	Replace well head UNO-088 Ward #4	2018	2018												Y	
4194	1802006555014	Well Construction / Remediation	SE	Hidatsat	Hidatsat	Hidatsat	Replace well head UNO-027 Fulton #1	2018	2018												Y	

Vectren North Compliance Projects O&M Summary - 7 Year Plan Update

Prior plan - Fall 2019

Funding Category	2014 Actuals	2015 Actuals	2016 Actuals	2017 Actuals	2018 Actuals	2019 Plan	2020 Plan	7-year Total
Transmission IM	\$5,301,223	\$7,532,355	\$7,363,556	\$10,235,691	\$8,500,659	\$ 10,349,582	\$ 15,854,666	\$65,137,732
Distribution IM	\$1,580,399	\$615,408	\$1,341,712	\$3,987,863	\$6,160,783	\$ 4,591,000	\$ 5,145,940	\$23,423,105
Facility Damages	\$383,150	\$1,175,038	\$2,042,202	\$3,009,756	\$2,343,657	\$ 2,726,795	\$ 1,689,024	\$13,369,622
Operator Qualification/Training	\$0	\$403,469	\$630,797	\$720,479	\$875,158	\$ 1,018,729	\$ 964,066	\$4,612,698
Safety Management System	\$0	\$33,006	\$126,040	\$256,348	\$191,567	\$ 200,000	\$ 346,467	\$1,153,429
Storage Field Safety				\$1,866,251	\$1,792,654	\$ 1,810,000	\$ 1,945,000	\$7,413,905
Total	\$7,264,772	\$9,759,277	\$11,504,306	\$20,076,388	\$19,864,479	\$20,696,106	\$25,945,163	\$115,110,491

Plan update - Fall 2020

Funding Category	2014 Actuals	2015 Actuals	2016 Actuals	2017 Actuals	2018 Actuals	2019 Actuals	2020 Plan	7-year Total
Transmission IM	\$5,301,223	\$7,532,355	\$7,363,556	\$10,235,691	\$8,500,659	\$9,482,633	\$8,200,000	\$56,616,118
Distribution IM	\$1,580,399	\$615,408	\$1,341,712	\$3,987,863	\$6,160,783	\$3,205,096	\$1,520,000	\$18,411,261
Facility Damages	\$383,150	\$1,175,038	\$2,042,202	\$3,009,756	\$2,343,657	\$2,541,013	\$1,450,000	\$12,944,816
Operator Qualification/Training	\$0	\$403,469	\$630,797	\$720,479	\$875,158	\$692,983	\$955,078	\$4,277,964
Safety Management System	\$0	\$33,006	\$126,040	\$256,348	\$191,567	\$117,270	\$110,000	\$834,232
Storage Field Safety				\$1,866,251	\$1,792,654	\$840,828	\$1,557,000	\$6,056,732
Total	\$7,264,772	\$9,759,277	\$11,504,307	\$20,076,388	\$19,864,479	\$16,879,824	\$13,792,078	\$99,141,124

Variance - CSIA-11 to CSIA-13 Filings								
Transmission IM						\$3,816,282	\$12,153,085	\$15,969,368
Distribution IM						\$866,949	\$7,654,666	\$8,521,615
Facility Damages						\$185,782	\$239,024	\$424,806
Operator Qualification/Training						\$325,746	\$8,988	\$334,734
Safety Management System						\$82,730	\$236,467	\$319,197
Storage Field Safety						\$969,172	\$388,000	\$1,357,172

CSIA-13 over CSIA-9 Plan Variance			
	CSIA-9	CSIA-13	% Variance
Transmission IM	\$ 58,452,744	\$56,616,118	3%
Distribution IM	\$ 18,717,880	\$18,411,261	2%
Facility Damages	\$ 13,986,941	\$12,944,816	7%
Operator Qualification/Training	\$ 4,623,474	\$4,277,964	7%
Safety Management System	\$ 1,534,281	\$834,232	46%
Storage Field Safety	\$ 7,258,251	\$6,056,732	17%
Plan Total	\$ 104,573,572	\$99,141,124	5%

(- unfavorable to plan)