

STATE OF INDIANA  
INDIANA UTILITY REGULATORY COMMISSION

VERIFIED PETITION OF SOUTHERN INDIANA GAS )  
AND ELECTRIC COMPANY d/b/a VECTREN ENERGY )  
DELIVERY OF INDIANA, INC., FOR: (1) APPROVAL )  
OF AN ADJUSTMENT TO ITS ELECTRIC SERVICE )  
RATES THROUGH ITS ENVIRONMENTAL COST )  
ADJUSTMENT ("ECA") RATE SCHEDULE; (2) )  
AUTHORITY TO DEFER 20% OF THE APPROVED ) CAUSE NO. 45052 ECA-1  
CAPITAL EXPENDITURES AND ECA COSTS FOR )  
RECOVERY IN PETITIONER'S NEXT GENERAL )  
RATE CASE; AND (3) APPROVAL OF AN )  
ADJUSTMENT TO ITS AUTHORIZED NET )  
OPERATING INCOME TO REFLECT ANY APPROVED )  
EARNINGS FOR PURPOSES OF IND. CODE § 8-1-2- )  
42(D)(3) AND 8-1-2-42(G)(3). )

**SOUTHERN INDIANA GAS AND ELECTRIC COMPANY D/B/A VECTREN ENERGY**  
**DELIVERY OF INDIANA, INC., A CENTERPOINT ENERGY COMPANY'S**  
**SUBMISSION OF SUPPLEMENTAL ATTACHMENTS**

Petitioner Southern Indiana Gas & Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc., a CenterPoint Energy Company ("Petitioner" or "Vectren South"), by counsel, respectfully submits to the Indiana Utility Regulatory Commission ("the Commission") updated ECA schedules and proposed rates and charges pursuant to the Commission's order dated September 2, 2020 in Cause No. 43354-MCRA 21 S1. Supplemental attachments include Petitioner's Exhibit No. 4, Attachments JCS-1 Schedules 1, 2 and 3, JCS-2 and JCS-3.

Respectfully submitted,



Justin C. Hage  
Indiana Atty. No. 35482-82

### **CERTIFICATE OF SERVICE**

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

Dated: September 4, 2020



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Justin C. Hage  
Indiana Atty. No. 35482-82

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
ENVIRONMENTAL COST ADJUSTMENT  
ACTUAL VARIANCES BY RATE SCHEDULE THROUGH DECEMBER 31, 2019

| Line | Description                                        | A                   | B               | C                | D                   | E                | F                 | G                | H                | I                   | J                 |
|------|----------------------------------------------------|---------------------|-----------------|------------------|---------------------|------------------|-------------------|------------------|------------------|---------------------|-------------------|
|      |                                                    | Rate Schedule       |                 |                  |                     |                  |                   |                  |                  | Total               | Reference         |
|      | <b>Actual Recoveries (Inclusive of IURT) (A)</b>   | RS                  | B               | SGS              | DGS / MLA           | OSS              | LP                | BAMP             | HLF              |                     |                   |
| 1    | Jan-19                                             | \$ -                | \$ -            | \$ -             | \$ -                | \$ -             | \$ -              | \$ -             | \$ -             | \$ -                | (A)               |
| 2    | Feb-19                                             | \$ -                | \$ -            | \$ -             | \$ -                | \$ -             | \$ -              | \$ -             | \$ -             | \$ -                | (A)               |
| 3    | Mar-19                                             | \$ -                | \$ -            | \$ -             | \$ -                | \$ -             | \$ -              | \$ -             | \$ -             | \$ -                | (A)               |
| 4    | Apr-19                                             | \$ -                | \$ -            | \$ -             | \$ -                | \$ -             | \$ -              | \$ -             | \$ -             | \$ -                | (A)               |
| 5    | May-19                                             | \$ 99,784           | \$ 375          | \$ 4,312         | \$ 65,646           | \$ 3,850         | \$ 161,143        | \$ 11,406        | \$ 7,740         | \$ 354,257          | (A)               |
| 6    | Jun-19                                             | \$ 371,771          | \$ 947          | \$ 14,109        | \$ 230,788          | \$ 15,296        | \$ 187,043        | \$ 11,558        | \$ 7,543         | \$ 839,057          | (A)               |
| 7    | Jul-19                                             | \$ 457,608          | \$ 896          | \$ 15,762        | \$ 234,465          | \$ 14,887        | \$ 194,111        | \$ 12,616        | \$ 5,746         | \$ 936,092          | (A)               |
| 8    | Aug-19                                             | \$ 508,692          | \$ 891          | \$ 17,459        | \$ 285,445          | \$ 17,488        | \$ 198,576        | \$ 16,416        | \$ 7,576         | \$ 1,052,544        | (A)               |
| 9    | Sep-19                                             | \$ 474,296          | \$ 897          | \$ 22,367        | \$ 264,098          | \$ 17,540        | \$ 185,321        | \$ 47,645        | \$ 6,779         | \$ 1,018,943        | (A)               |
| 10   | Oct-19                                             | \$ 374,777          | \$ 807          | \$ 12,873        | \$ 237,031          | \$ 15,621        | \$ 181,285        | \$ 7,058         | \$ 7,622         | \$ 837,074          | (A)               |
| 11   | Nov-19                                             | \$ 282,626          | \$ 904          | \$ 19,317        | \$ 197,503          | \$ 15,468        | \$ 155,503        | \$ 5,638         | \$ 7,253         | \$ 684,213          | (A)               |
| 12   | Dec-19                                             | \$ 335,468          | \$ 1,035        | \$ 11,229        | \$ 183,347          | \$ 17,904        | \$ 149,069        | \$ 7,815         | \$ 7,464         | \$ 713,331          | (A)               |
| 13   | Total Actual Recoveries Inclusive of IURT          | \$ 2,905,023        | \$ 6,752        | \$ 117,427       | \$ 1,698,325        | \$ 118,054       | \$ 1,412,052      | \$ 120,154       | \$ 57,724        | \$ 6,435,511        | Sum Lines 1-12    |
|      | <b>Actual Recoveries (Exclusive of IURT)</b>       | RS                  | B               | SGS              | DGS / MLA           | OSS              | LP                | BAMP             | HLF              |                     |                   |
| 14   | Jan-19                                             | \$ -                | \$ -            | \$ -             | \$ -                | \$ -             | \$ -              | \$ -             | \$ -             | \$ -                | Line 1 x 0.9852   |
| 15   | Feb-19                                             | \$ -                | \$ -            | \$ -             | \$ -                | \$ -             | \$ -              | \$ -             | \$ -             | \$ -                | Line 2 x 0.9852   |
| 16   | Mar-19                                             | \$ -                | \$ -            | \$ -             | \$ -                | \$ -             | \$ -              | \$ -             | \$ -             | \$ -                | Line 3 x 0.9852   |
| 17   | Apr-19                                             | \$ -                | \$ -            | \$ -             | \$ -                | \$ -             | \$ -              | \$ -             | \$ -             | \$ -                | Line 4 x 0.9852   |
| 18   | May-19                                             | \$ 98,308           | \$ 369          | \$ 4,248         | \$ 64,675           | \$ 3,793         | \$ 158,758        | \$ 11,238        | \$ 7,626         | \$ 349,014          | Line 5 x 0.9852   |
| 19   | Jun-19                                             | \$ 366,269          | \$ 933          | \$ 13,901        | \$ 227,373          | \$ 15,070        | \$ 184,275        | \$ 11,387        | \$ 7,431         | \$ 826,639          | Line 6 x 0.9852   |
| 20   | Jul-19                                             | \$ 450,835          | \$ 882          | \$ 15,529        | \$ 230,995          | \$ 14,667        | \$ 191,238        | \$ 12,430        | \$ 5,661         | \$ 922,238          | Line 7 x 0.9852   |
| 21   | Aug-19                                             | \$ 501,164          | \$ 878          | \$ 17,201        | \$ 281,221          | \$ 17,229        | \$ 195,637        | \$ 16,173        | \$ 7,464         | \$ 1,036,967        | Line 8 x 0.9852   |
| 22   | Sep-19                                             | \$ 467,276          | \$ 884          | \$ 22,036        | \$ 260,190          | \$ 17,280        | \$ 182,578        | \$ 46,940        | \$ 6,679         | \$ 1,003,863        | Line 9 x 0.9852   |
| 23   | Oct-19                                             | \$ 369,230          | \$ 795          | \$ 12,682        | \$ 233,523          | \$ 15,390        | \$ 178,602        | \$ 6,954         | \$ 7,509         | \$ 824,686          | Line 10 x 0.9852  |
| 24   | Nov-19                                             | \$ 278,443          | \$ 891          | \$ 19,031        | \$ 194,580          | \$ 15,239        | \$ 153,202        | \$ 5,554         | \$ 7,146         | \$ 674,086          | Line 11 x 0.9852  |
| 25   | Dec-19                                             | \$ 330,503          | \$ 1,019        | \$ 11,063        | \$ 180,633          | \$ 17,639        | \$ 146,863        | \$ 7,700         | \$ 7,354         | \$ 702,774          | Line 12 x 0.9852  |
| 26   | Total Actual Recoveries Exclusive of IURT          | \$ 2,862,028        | \$ 6,652        | \$ 115,689       | \$ 1,673,190        | \$ 116,307       | \$ 1,391,154      | \$ 118,375       | \$ 56,870        | \$ 6,340,265        | Sum Lines 14-25   |
|      | <b>Approved Recoveries (Exclusive of IURT) (B)</b> | RS                  | B               | SGS              | DGS / MLA           | OSS              | LP                | BAMP             | HLF              |                     |                   |
| 27   | Jan-19                                             | \$ 464,462          | \$ 1,466        | \$ 16,776        | \$ 223,234          | \$ 24,215        | \$ 168,146        | \$ 15,247        | \$ 7,228         | \$ 920,773          | (B)               |
| 28   | Feb-19                                             | \$ 360,058          | \$ 1,294        | \$ 15,768        | \$ 204,895          | \$ 21,776        | \$ 168,590        | \$ 15,247        | \$ 6,923         | \$ 794,550          | (B)               |
| 29   | Mar-19                                             | \$ 301,523          | \$ 1,115        | \$ 14,423        | \$ 210,021          | \$ 18,593        | \$ 172,869        | \$ 15,247        | \$ 7,558         | \$ 741,348          | (B)               |
| 30   | Apr-19                                             | \$ 259,026          | \$ 1,142        | \$ 13,210        | \$ 206,234          | \$ 15,353        | \$ 180,791        | \$ 15,247        | \$ 7,390         | \$ 698,392          | (B)               |
| 31   | May-19                                             | \$ 302,642          | \$ 1,020        | \$ 13,487        | \$ 227,963          | \$ 14,175        | \$ 191,296        | \$ 15,247        | \$ 7,403         | \$ 773,231          | (B)               |
| 32   | Jun-19                                             | \$ 411,194          | \$ 935          | \$ 16,034        | \$ 264,705          | \$ 16,192        | \$ 191,566        | \$ 15,247        | \$ 7,267         | \$ 923,139          | (B)               |
| 33   | Jul-19                                             | \$ 510,949          | \$ 941          | \$ 17,730        | \$ 283,738          | \$ 17,854        | \$ 196,882        | \$ 15,247        | \$ 7,331         | \$ 1,050,673        | (B)               |
| 34   | Aug-19                                             | \$ 458,268          | \$ 908          | \$ 16,698        | \$ 283,775          | \$ 16,865        | \$ 208,417        | \$ 15,247        | \$ 7,370         | \$ 1,007,548        | (B)               |
| 35   | Sep-19                                             | \$ 318,788          | \$ 895          | \$ 14,259        | \$ 236,525          | \$ 14,742        | \$ 196,430        | \$ 15,247        | \$ 7,409         | \$ 804,295          | (B)               |
| 36   | Oct-19                                             | \$ 253,519          | \$ 958          | \$ 13,286        | \$ 215,172          | \$ 15,181        | \$ 190,327        | \$ 15,247        | \$ 7,805         | \$ 711,495          | (B)               |
| 37   | Nov-19                                             | \$ 278,746          | \$ 1,080        | \$ 14,433        | \$ 198,313          | \$ 18,312        | \$ 177,778        | \$ 15,247        | \$ 7,675         | \$ 711,584          | (B)               |
| 38   | Dec-19                                             | \$ 389,802          | \$ 1,305        | \$ 16,099        | \$ 233,762          | \$ 22,140        | \$ 169,073        | \$ 15,247        | \$ 8,044         | \$ 855,472          | (B)               |
| 39   | Total Approved Recoveries Exclusive of IURT        | \$ 4,308,977        | \$ 13,060       | \$ 182,203       | \$ 2,788,337        | \$ 215,398       | \$ 2,212,164      | \$ 182,958       | \$ 89,403        | \$ 9,992,500        | Sum Lines 27-38   |
| 40   | <b>Total Variance (C)</b>                          | <b>\$ 1,446,949</b> | <b>\$ 6,408</b> | <b>\$ 66,514</b> | <b>\$ 1,115,147</b> | <b>\$ 99,091</b> | <b>\$ 821,010</b> | <b>\$ 64,583</b> | <b>\$ 32,533</b> | <b>\$ 3,652,235</b> | Line 39 - Line 26 |
|      | Under/(Over) Recovery                              |                     |                 |                  |                     |                  |                   |                  |                  |                     |                   |

(A) Actual Recoveries represent billed ECA revenues from the company's customer billing system by month and by rate schedule

(B) Based on prior ECA approvals

(C) To Attachment JCS-1, Schedule 2

**SOUTHERN INDIANA GAS AND ELECTRIC COMPANY**  
**d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.**  
**VECTREN SOUTH**  
**ENVIRONMENTAL COST ADJUSTMENT**  
**ALLOCATION AND RATE DERIVATION**

|                                                      | A             | B                | C                 | D                                     | E           |                  |
|------------------------------------------------------|---------------|------------------|-------------------|---------------------------------------|-------------|------------------|
|                                                      | Rate Schedule | 4CP Allocators   | Amount            | Projected Billing<br>Quantities (kWh) | (Per kWh)   | Reference        |
| <b>ECA Allocated Revenue Requirement</b>             |               |                  |                   |                                       |             |                  |
| 1                                                    | RS            | 40.6160%         | \$ 7,204,947      | 1,363,397,280 (D)                     | \$ 0.005285 |                  |
| 2                                                    | B             | 0.1307%          | \$ 23,185         | 7,946,703 (D)                         | \$ 0.002918 |                  |
| 3                                                    | SGS           | 1.8234%          | \$ 323,456        | 64,732,674 (D)                        | \$ 0.004997 |                  |
| 4                                                    | DGS/MLA       | 27.9043%         | \$ 4,949,995      | 1,072,657,787 (D)                     | \$ 0.004615 |                  |
| 5                                                    | OSS           | 2.1556%          | \$ 382,386        | 90,731,495 (D)                        | \$ 0.004214 |                  |
| 6                                                    | LP            | 24.6258%         | \$ 4,368,415      | 2,089,861,739 (D)                     | \$ 0.002090 |                  |
| 7                                                    | BAMP          | 1.8495%          | \$ 328,086        | 171,721,116 (D)                       | \$ 0.001911 |                  |
| 8                                                    | HLF           | 0.8947%          | \$ 158,712        | 79,734,000 (D)                        | \$ 0.001991 |                  |
| 9                                                    | Total         | 100.0000%        | \$ 17,739,182 (A) |                                       |             |                  |
| <b>ECA Allocated Variances Under/(Over) Recovery</b> |               |                  |                   |                                       |             |                  |
| 10                                                   | RS            | \$ 1,446,949     | 1,363,397,280 (D) | \$ 0.001061                           |             |                  |
| 11                                                   | B             | \$ 6,408         | 7,946,703 (D)     | \$ 0.000806                           |             |                  |
| 12                                                   | SGS           | \$ 66,514        | 64,732,674 (D)    | \$ 0.001028                           |             |                  |
| 13                                                   | DGS/MLA       | \$ 1,115,147     | 1,072,657,787 (D) | \$ 0.001040                           |             |                  |
| 14                                                   | OSS           | \$ 99,091        | 90,731,495 (D)    | \$ 0.001092                           |             |                  |
| 15                                                   | LP            | \$ 821,010       | 2,089,861,739 (D) | \$ 0.000393                           |             |                  |
| 16                                                   | BAMP          | \$ 64,583        | 171,721,116 (D)   | \$ 0.000376                           |             |                  |
| 17                                                   | HLF           | \$ 32,533        | 79,734,000 (D)    | \$ 0.000408                           |             |                  |
| 18                                                   | Total         | \$ 3,652,235 (B) |                   |                                       |             |                  |
| <b>Total Excluding IURT</b>                          |               |                  |                   |                                       |             |                  |
| 19                                                   | RS            | \$ 8,651,896     |                   | \$ 0.006346                           |             | Line 1 + 10      |
| 20                                                   | B             | \$ 29,593        |                   | \$ 0.003724                           |             | Line 2 + 11      |
| 21                                                   | SGS           | \$ 389,970       |                   | \$ 0.006024                           |             | Line 3 + 12      |
| 22                                                   | DGS/MLA       | \$ 6,065,142     |                   | \$ 0.005654                           |             | Line 4 + 13      |
| 23                                                   | OSS           | \$ 481,477       |                   | \$ 0.005307                           |             | Line 5 + 14      |
| 24                                                   | LP            | \$ 5,189,425     |                   | \$ 0.002483                           |             | Line 6 + 15      |
| 25                                                   | BAMP          | \$ 392,669       |                   | \$ 0.002287                           |             | Line 7 + 16      |
| 26                                                   | HLF           | \$ 191,245       |                   | \$ 0.002399                           |             | Line 8 + 17      |
| 27                                                   | Total         | \$ 21,391,417    |                   |                                       |             |                  |
| <b>Total Including IURT (C)</b>                      |               |                  |                   |                                       |             |                  |
| 28                                                   | RS            |                  |                   | \$ 0.006441                           |             | Line 28 / 0.9853 |
| 29                                                   | B             |                  |                   | \$ 0.003780                           |             | Line 29 / 0.9853 |
| 30                                                   | SGS           |                  |                   | \$ 0.006114                           |             | Line 30 / 0.9853 |
| 31                                                   | DGS/MLA       |                  |                   | \$ 0.005739                           |             | Line 31 / 0.9853 |
| 32                                                   | OSS           |                  |                   | \$ 0.005386                           |             | Line 32 / 0.9853 |
| 33                                                   | LP            |                  |                   | \$ 0.002520                           |             | Line 33 / 0.9853 |
| 34                                                   | BAMP          |                  |                   | \$ 0.002321                           |             | Line 34 / 0.9853 |
| 35                                                   | HLF           |                  |                   | \$ 0.002434                           |             | Line 35 / 0.9853 |

**Notes:**

- (A) From AMB-1, Schedule 1, Line 18  
(B) From JCS-1, Schedule 1, Line 40 - amount to be recovered from or passed back to customers over 12-months  
(C) Blended IURT gross up factor of 0.9853  
(D) Based on 2020/21 budgeted annual volumes

**SOUTHERN INDIANA GAS AND ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
ENVIRONMENTAL COST ADJUSTMENT  
PROJECTED RECOVERIES BY MONTH**

| Line                        | Rate Schedule                                                 |             | Aug-20       | Sep-20       | Oct-20       | Nov-20       | Dec-20       | Jan-21       | Feb-21       | Mar-21       | Apr-21       | May-21       | Jun-21       | Jul-21       | Annual Total  |
|-----------------------------|---------------------------------------------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| <b>Projections (A)</b>      |                                                               |             |              |              |              |              |              |              |              |              |              |              |              |              |               |
| 1                           | RS - Residential Service                                      | kWh         | 153,920,056  | 103,921,697  | 75,204,810   | 96,859,338   | 119,792,656  | 142,548,027  | 106,652,310  | 102,243,175  | 79,603,413   | 87,478,027   | 128,697,361  | 166,476,411  | 1,363,397,280 |
| 2                           | B - Water Heating Service                                     | kWh         | 539,559      | 557,907      | 596,021      | 628,027      | 750,391      | 885,317      | 786,503      | 725,983      | 694,066      | 592,855      | 620,455      | 569,619      | 7,946,703     |
| 3                           | SGS - Small General Service                                   | kWh         | 5,964,471    | 5,075,723    | 4,719,414    | 5,137,648    | 5,744,151    | 5,963,477    | 5,597,053    | 5,107,988    | 4,665,807    | 4,764,486    | 5,687,764    | 6,304,693    | 64,732,674    |
| 4                           | DGS - Demand General Service / Municipal Levee Authority      | kWh         | 114,101,595  | 92,261,526   | 80,723,333   | 82,988,093   | 82,912,600   | 87,242,810   | 72,466,939   | 80,952,601   | 75,901,431   | 88,450,926   | 100,555,538  | 114,100,395  | 1,072,657,787 |
| 5                           | OS - Off-Season Service                                       | kWh         | 7,110,679    | 6,193,726    | 6,400,492    | 7,763,979    | 9,413,770    | 10,204,971   | 9,193,942    | 7,809,037    | 6,427,280    | 5,930,415    | 6,782,658    | 7,500,546    | 90,731,495    |
| 6                           | LP - Large Power Service                                      | kWh         | 194,245,596  | 184,871,853  | 181,512,074  | 161,166,232  | 152,691,154  | 159,947,927  | 161,020,328  | 164,976,700  | 167,873,362  | 180,258,211  | 187,674,787  | 193,623,514  | 2,089,861,739 |
| 7                           | BAMP - Backup Auxiliary and Maintenance Power                 | kWh         | 23,063,105   | 13,154,038   | 12,790,498   | 13,442,753   | 13,442,753   | 9,804,068    | 12,868,608   | 12,868,608   | 12,868,608   | 12,868,608   | 17,293,421   | 17,256,047   | 171,721,116   |
| 8                           | HLF - High Load Factor Service                                | kWh         | 7,056,000    | 6,726,000    | 5,934,000    | 6,942,000    | 6,942,000    | 6,894,000    | 6,372,000    | 7,098,000    | 6,882,000    | 7,020,000    | 5,772,000    | 6,096,000    | 79,734,000    |
| <b>Applicable Rates (B)</b> |                                                               |             |              |              |              |              |              |              |              |              |              |              |              |              |               |
| 9                           | RS - Residential Service                                      | \$ / kWh    | \$ 0.006346  | \$ 0.006346  | \$ 0.006346  | \$ 0.006346  | \$ 0.006346  | \$ 0.006346  | \$ 0.006346  | \$ 0.006346  | \$ 0.006346  | \$ 0.006346  | \$ 0.006346  | \$ 0.006346  | \$ 0.006346   |
| 10                          | B - Water Heating Service                                     | \$ / kWh    | \$ 0.003724  | \$ 0.003724  | \$ 0.003724  | \$ 0.003724  | \$ 0.003724  | \$ 0.003724  | \$ 0.003724  | \$ 0.003724  | \$ 0.003724  | \$ 0.003724  | \$ 0.003724  | \$ 0.003724  | \$ 0.003724   |
| 11                          | SGS - Small General Service                                   | \$ / kWh    | \$ 0.006024  | \$ 0.006024  | \$ 0.006024  | \$ 0.006024  | \$ 0.006024  | \$ 0.006024  | \$ 0.006024  | \$ 0.006024  | \$ 0.006024  | \$ 0.006024  | \$ 0.006024  | \$ 0.006024  | \$ 0.006024   |
| 12                          | DGS - Demand General Service / Municipal Levee Authority      | \$ / kWh    | \$ 0.005654  | \$ 0.005654  | \$ 0.005654  | \$ 0.005654  | \$ 0.005654  | \$ 0.005654  | \$ 0.005654  | \$ 0.005654  | \$ 0.005654  | \$ 0.005654  | \$ 0.005654  | \$ 0.005654  | \$ 0.005654   |
| 13                          | OS - Off-Season Service                                       | \$ / kWh    | \$ 0.005307  | \$ 0.005307  | \$ 0.005307  | \$ 0.005307  | \$ 0.005307  | \$ 0.005307  | \$ 0.005307  | \$ 0.005307  | \$ 0.005307  | \$ 0.005307  | \$ 0.005307  | \$ 0.005307  | \$ 0.005307   |
| 14                          | LP - Large Power Service                                      | \$ / kWh    | \$ 0.002483  | \$ 0.002483  | \$ 0.002483  | \$ 0.002483  | \$ 0.002483  | \$ 0.002483  | \$ 0.002483  | \$ 0.002483  | \$ 0.002483  | \$ 0.002483  | \$ 0.002483  | \$ 0.002483  | \$ 0.002483   |
| 15                          | BAMP - Backup Auxiliary and Maintenance Power                 | \$ / kWh    | \$ 0.002287  | \$ 0.002287  | \$ 0.002287  | \$ 0.002287  | \$ 0.002287  | \$ 0.002287  | \$ 0.002287  | \$ 0.002287  | \$ 0.002287  | \$ 0.002287  | \$ 0.002287  | \$ 0.002287  | \$ 0.002287   |
| 16                          | HLF - High Load Factor Service                                | \$ / kWh    | \$ 0.002399  | \$ 0.002399  | \$ 0.002399  | \$ 0.002399  | \$ 0.002399  | \$ 0.002399  | \$ 0.002399  | \$ 0.002399  | \$ 0.002399  | \$ 0.002399  | \$ 0.002399  | \$ 0.002399  | \$ 0.002399   |
| <b>Projected Recoveries</b> |                                                               |             |              |              |              |              |              |              |              |              |              |              |              |              |               |
| 17                          | RS - Residential Service                                      | Line 1 x 8  | \$ 976,751   | \$ 659,470   | \$ 477,237   | \$ 614,653   | \$ 760,185   | \$ 904,586   | \$ 676,798   | \$ 648,818   | \$ 505,150   | \$ 555,121   | \$ 816,692   | \$ 1,056,432 | \$ 8,651,896  |
| 18                          | B - Water Heating Service                                     | Line 2 x 9  | \$ 2,009     | \$ 2,078     | \$ 2,220     | \$ 2,339     | \$ 2,794     | \$ 3,297     | \$ 2,929     | \$ 2,704     | \$ 2,585     | \$ 2,208     | \$ 2,311     | \$ 2,121     | \$ 29,593     |
| 19                          | SGS - Small General Service                                   | Line 3 x 10 | \$ 35,932    | \$ 30,578    | \$ 28,431    | \$ 30,951    | \$ 34,605    | \$ 35,926    | \$ 33,718    | \$ 30,772    | \$ 28,108    | \$ 28,703    | \$ 34,265    | \$ 37,981    | \$ 389,970    |
| 20                          | DGS - Demand General Service / Municipal Levee Authority      | Line 4 x 11 | \$ 645,166   | \$ 521,675   | \$ 456,435   | \$ 469,241   | \$ 468,814   | \$ 493,298   | \$ 409,751   | \$ 457,731   | \$ 429,170   | \$ 500,129   | \$ 568,572   | \$ 645,159   | \$ 6,065,142  |
| 21                          | OS - Off-Season Service                                       | Line 5 x 12 | \$ 37,734    | \$ 32,868    | \$ 33,965    | \$ 41,200    | \$ 49,955    | \$ 54,154    | \$ 48,789    | \$ 41,440    | \$ 34,107    | \$ 31,470    | \$ 35,993    | \$ 39,802    | \$ 481,477    |
| 22                          | LP - Large Power Service                                      | Line 6 x 13 | \$ 482,340   | \$ 459,063   | \$ 450,720   | \$ 400,199   | \$ 379,154   | \$ 397,174   | \$ 399,836   | \$ 409,661   | \$ 416,854   | \$ 447,607   | \$ 466,023   | \$ 480,795   | \$ 5,189,425  |
| 23                          | BAMP - Backup Auxiliary and Maintenance Power                 | Line 7 x 14 | \$ 52,738    | \$ 30,079    | \$ 29,248    | \$ 30,739    | \$ 30,739    | \$ 22,419    | \$ 29,426    | \$ 29,426    | \$ 29,426    | \$ 29,426    | \$ 39,544    | \$ 39,459    | \$ 392,669    |
| 24                          | HLF - High Load Factor Service                                | Line 8 x 15 | \$ 16,924    | \$ 16,133    | \$ 14,233    | \$ 16,651    | \$ 16,651    | \$ 16,536    | \$ 15,283    | \$ 17,025    | \$ 16,507    | \$ 16,838    | \$ 13,844    | \$ 14,621    | \$ 191,245    |
| 25                          | <b>Total Recoveries including variances</b>                   |             | \$ 2,249,593 | \$ 1,751,943 | \$ 1,492,489 | \$ 1,605,973 | \$ 1,742,896 | \$ 1,927,389 | \$ 1,616,531 | \$ 1,637,577 | \$ 1,461,907 | \$ 1,611,502 | \$ 1,977,245 | \$ 2,316,372 | \$ 21,391,417 |
| 26                          | <b>20% Deferred (based on Revenue Requirement piece only)</b> |             | \$ 466,357   | \$ 363,247   | \$ 309,474   | \$ 332,859   | \$ 361,226   | \$ 399,521   | \$ 335,220   | \$ 339,500   | \$ 303,137   | \$ 334,085   | \$ 409,946   | \$ 480,225   | \$ 4,434,796  |

**Notes:**

- (A) Source: Vectren South 2020/2021 Budget  
(B) Exclusive of IURT  
(C) Proposed Rates and Charge, multiplied by Estimated Billing Determinants (A)

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

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Second Revised Page 1 of 1  
Cancels First Revised Page 1 of 1

## **APPENDIX E**

### **ENVIRONMENTAL COST ADJUSTMENT**

#### **APPLICABILITY**

The Environmental Cost Adjustment ("ECA") shall be applicable to all Customers on the Rate Schedules set forth in the ECA Rates section below.

#### **DESCRIPTION**

The ECA shall recover, as approved by the Commission:

- (1) In Cause No. 45052, recovery of costs associated with Company's Culley 3 Project pursuant to Ind. Code § 8-1-8.4-7.
- (2) In Cause No. 45052, recovery of costs associated with Company's MATS Projects pursuant to Ind. Code § 8-1-8.4-7.
- (3) In Cause No. 45280, recovery of costs associated with Company's Brown Pond Project pursuant to Ind. Code § 8-1-8.4-7.
- (4) Any other projects approved to be recovered through the ECA

#### **Reconciliation**

Company's actual ECA costs shall be reconciled annually with actual ECA recoveries, with any differences being reflected as a charge or credit in a subsequent ECA.

#### **Allocation Percentages**

ECA costs shall be allocated to the Rate Schedules based on the percentages approved in Cause No. 45052 and shown in the ECA Rates section below.

#### **ECA RATES**

The ECA shall be applied to each kWh of electric usage as applicable. The current ECA rates and charges by Rate Schedule are set forth below:

| <b><u>Rate Schedule</u></b> | <b><u>Allocation Percentage (4 CP)<sup>1</sup></u></b> | <b><u>Charge Adjusted</u></b> | <b><u>ECA Rate (\$ per kWh)</u></b> |
|-----------------------------|--------------------------------------------------------|-------------------------------|-------------------------------------|
| RS                          | 40.6160%                                               | Energy                        | \$0.006441                          |
| B                           | 0.1307%                                                | Energy                        | \$0.003780                          |
| SGS                         | 1.8234%                                                | Energy                        | \$0.006114                          |
| DGS/MLA                     | 27.9043%                                               | Energy                        | \$0.005739                          |
| OSS                         | 2.1556%                                                | Energy                        | \$0.005386                          |
| LP                          | 24.6258%                                               | Energy                        | \$0.002520                          |
| BAMP                        | 1.8495%                                                | Energy                        | \$0.002321                          |
| HLF                         | 0.8947%                                                | Energy                        | \$0.002434                          |

Effective:

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<sup>1</sup> Pursuant to Cause No. 43354-MCRA21-S1 Settlement Agreement.

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

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Second Revised Page 1 of 1

Cancels First Revised Page 1 of 1

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## **APPENDIX E** **ENVIRONMENTAL COST ADJUSTMENT**

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### **DESCRIPTION**

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- (3) In Cause No. 45280, recovery of costs associated with Company's Brown Pond Project pursuant to Ind. Code § 8-1-8.4-7.
- (4) Any other projects approved to be recovered through the ECA

### **Reconciliation**

Company's actual ECA costs shall be reconciled annually with actual ECA recoveries, with any differences being reflected as a charge or credit in a subsequent ECA.

### **Allocation Percentages**

ECA costs shall be allocated to the Rate Schedules based on the percentages approved in Cause No. 45052 and shown in the ECA Rates section below.

### **ECA RATES**

The ECA shall be applied to each kWh of electric usage as applicable. The current ECA rates and charges by Rate Schedule are set forth below:

| <b><u>Rate Schedule</u></b> | <b><u>Allocation Percentage (4 CP)<sup>1</sup></u></b> | <b><u>Charge Adjusted</u></b> | <b><u>ECA Rate (\$ per kWh)</u></b> |
|-----------------------------|--------------------------------------------------------|-------------------------------|-------------------------------------|
| RS                          | <u>40.6160%</u>                                        | Energy                        | <u>\$0.006441</u>                   |
| B                           | 0.1307%                                                | Energy                        | <u>\$0.003780</u>                   |
| SGS                         | 1.8234%                                                | Energy                        | <u>\$0.006114</u>                   |
| DGS/MLA                     | 27.9043%                                               | Energy                        | <u>\$0.005739</u>                   |
| OSS                         | 2.1556%                                                | Energy                        | <u>\$0.005386</u>                   |
| LP                          | <u>24.6258%</u>                                        | Energy                        | <u>\$0.002520</u>                   |
| <u>BAMP</u>                 | <u>1.8495%</u>                                         | <u>Energy</u>                 | <u>\$0.002321</u>                   |
| HLF                         | 0.8947%                                                | Energy                        | <u>\$0.002434</u>                   |

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Effective:

<sup>1</sup> Pursuant to Cause No. 43354-MCRA21-S1 Settlement Agreement.

**SOUTHERN INDIANA GAS AND ELECTRIC COMPANY  
d/b/a VECTREN ENERGY DELIVERY OF INDIANA, INC.  
VECTREN SOUTH  
ENVIRONMENTAL COST ADJUSTMENT  
BILL IMPACT BY CUSTOMER CLASS**

| <u>Line No.</u> | <b>A</b>           | <b>B</b>            | <b>C</b>         | <b>D</b>                   |
|-----------------|--------------------|---------------------|------------------|----------------------------|
|                 | Allocation by Rate | Revenue Requirement |                  |                            |
|                 | Rate Schedule      | Schedule            | by Rate Schedule | Reference                  |
| 1               | Rate RS            | 40.6160%            | \$ 8,651,896     | JCS-1, Schedule 2, Line 17 |
| 2               | Rate B             | 0.1307%             | \$ 29,593        | JCS-1, Schedule 2, Line 18 |
| 3               | Rate SGS           | 1.8234%             | \$ 389,970       | JCS-1, Schedule 2, Line 19 |
| 4               | Rate DGS/MLA       | 27.9043%            | \$ 6,065,142     | JCS-1, Schedule 2, Line 20 |
| 5               | Rate OSS           | 2.1556%             | \$ 481,477       | JCS-1, Schedule 2, Line 21 |
| 6               | Rate LP            | 24.6258%            | \$ 5,189,425     | JCS-1, Schedule 2, Line 22 |
| 7               | Rate BAMP          | 1.8495%             | \$ 392,669       | JCS-1, Schedule 2, Line 23 |
| 8               | Rate HLF           | 0.8947%             | \$ 191,245       | JCS-1, Schedule 2, Line 24 |
| 9               | Total              | 100.0000%           | \$ 21,391,417    |                            |

  

|    |                    |                     |                   |                     |
|----|--------------------|---------------------|-------------------|---------------------|
|    | Allocation by Rate | Revenue Requirement |                   | % Revenue Change by |
|    | Rate Class         | Class (A)           | by Rate Class (A) | Annual Revenues (B) |
| 10 | Residential        | 40.7467%            | \$ 8,681,489      | \$ 216,149,371      |
| 11 | Commercial         | 31.8833%            | \$ 6,936,589      | \$ 152,038,076      |
| 12 | Industrial         | 27.3700%            | \$ 5,773,339      | \$ 163,315,544      |
| 13 | Total              | 100.0000%           | \$ 21,391,417     | \$ 531,502,991      |

**Notes:**

- (A) Residential = Rate RS + Rate B  
Commercial = Rate SGS + Rate DGS/MLA + Rate OSS  
Industrial = Rate LP + Rate BAMP + Rate HLF  
(B) Revenues for 12 months ending December 31, 2019  
(C) Column [B] divided by Column [C]