Case No. 05-376-EL-UNC

COLUMBUS SOUTHERN POWER COMPANY AND OHIO POWER COMPANY REGARDING THE STATUS OF CONSTRUCTION OF THE INTEGRATED GASIFICATION COMBINED CYCLE ELECTRIC GENERATION FACILITY AT GREAT BEND IN MEIGS COUNTY, OHIO

On March 18, 2005, Columbus Southern Power Company (CSP) and Ohio Power Company (OPCo) (collectively, "AEP Ohio" or "the Companies") filed an application for authority to recover $\$ 23.7$ million associated with the cost of the design, construction, and operation of an integrated gasification combined cycle (IGCC) electric generating facility to be built at Great Bend in Meigs County, Ohio. On April 10, 2006, the Commission issued its opinion and order concluding that the Commission was vested with the authority to establish a mechanism for recovery of the costs associated with the design, construction, and operation of an IGCC generating plant where that plant fulfills AEP Ohio's provider of last resort (POLR) obligation. The April 10, 2006 opinion and order further approved the Phase I cost recovery mechanism included in the Companies' application.

Subsequently, by its Entry on Rehearing issued on June 28, 2006, at $\uparrow 40$, the Commission reaffirmed that AEP Ohio should be permitted to recover the reasonable costs of Phase I of the Great Bend IGCC project. Nevertheless, the Commission noted that in the event that AEP Ohio
did not commence a "continuous course of construction" of the IGCC facility within five years of the June 28, 2006 date of issuance of the Entry on Rehearing, portions of the charges collected associated with expenditures useful in projects at other sites would be subject to refund with interest:

Although we continue to find that AEP-Ohio should be permitted to recover the reasonable costs of further developing and detailing the project proposal, the Commission believes that there may be elements of the design and engineering that may be transferable to other projects. Therefore, we find that if AEP-Ohio has not commenced a continuous course of construction of the proposed facility within five years of the issuance of this entry on rehearing, all Phase I charges collected for expenditures associated with items that may be utilized in projects at other sites, must be refunded to Ohio ratepayers with interest.

Five years have now passed since the issuance of the June 28, 2006 Entry on Rehearing, and AEP Ohio has not commenced a continuous course of construction on the IGCC facility at the Great Bend, Meigs County, site.

In light of the fact that the five-year anniversary of the June 28, 2006 Entry on Rehearing has passed and AEP Ohio has not yet commenced a continuous course of construction on the Great Bend IGCC facility, AEP Ohio makes the following report regarding the amounts it collected in Phase I charges, the amounts it expended on Phase I, and the amounts expended on Phase I that may be utilized at other sites.

## The Amounts Collected Through Phase I Charges

Phase I of the Great Bend IGCC project was designed to recover preconstruction costs, such as the engineering and scoping studies, and other costs incurred prior to entering into an engineering, procurement and construction (EPC) contract. CSP and OPCo each was responsible for and had a 50 percent interest in the Great Bend IGCC project. Ultimately, the Companies collected a total of $\$ 24.24$ million in Phase I charges ( $\$ 12.35$ million by CSP and $\$ 11.89$ million by OPCo) during the period July 1, 2006 through July 2, 2007. Phase I cost recovery was
accomplished through 12-month bypassable surcharges, which commenced in July 2006. The surcharges were applied to the Companies' standard service rate schedules approved in their rate stabilization plan (RSP) proceeding. In re Application of Columbus Southern Power Company and Ohio Power Company, Case No. 04-169-EL-UNC, Opinion and Order (January 26, 2005).

## The Amounts Expended On Phase I Activities

AEP Ohio originally estimated that Phase I expenditures would be approximately $\$ 23.7$ million. The total amount actually expended on Phase I of the Great Bend IGCC project was $\$ 21.074$ million. Attachment 1 provides detail on the various activities and categories of expenditures that comprise that total amount. In accordance with their 50 percent interests, each Company was responsible for one half of that amount, $\$ 10.537$ million.

## The Amounts Expended On The Project That May Be Used At Other Sites

AEP Ohio has concluded that none of the $\$ 21.074$ million of expenditures on Phase I of the Great Bend IGCC project may be utilized at other sites. Expenditures identified in Attachment 1 were for items utilized at, and allocated and assigned to, the Great Bend IGCC project. None of those expenditures are associated with items that may be utilized in projects at other sites.

## Amounts To Be Refunded With Interest To Customers

The Companies recommend that the difference between the amounts charged to and collected from customer during Phase I ( $\$ 24.24$ million) and the amounts expended on Phase I activities at the Great Bend IGCC site ( $\$ 21.074$ million), which is $\$ 3.166$. million, should be returned to their customers, with interest. Of that total, $\$ 1.817$ million was over-collected from CSP's customers and $\$ 1.348$ million was over-collected from OPCo's customers. The Companies recommend using the interest rates used by the Companies to calculate interest on
customer deposits, pursuant to Chapter 4901:1-17-05, Ohio Admin. Code, to determine the interest due to customers. During the approximate five years since the total of $\$ 3.166$ million subject to refund was collected from customers, the tariffed interest rate of customer deposits has been 5.25 percent for OPCo and 5. percent for CSP. Using those interest rates, and applying them over the roughly four and a half year period during which the Companies have held the over-collected amount, results in a total amount of interest due to customers of $\$ .702$ million, of which $\$ .308$ million is due to OPCO's customers and $\$ .394$ million is due to CSP's customers. Consequently, the total amount due to be refunded to customers, including interest, is $\$ 3.868$ million. Attachment 2 provides the calculations for the amounts of over-collections and the interest due on the over-collected amounts.

AEP Ohio further recommends returning the amounts to be refunded to customers using a $\phi / \mathrm{kWh}$ credit to standard service offer rates, in a manner similar to how the surcharges used to collect the Phase I amounts were accomplished. Attachment 3 provides, for each Company, the form of proposed tariff sheet that the Companies propose to use to accomplish the refund. The Companies further propose that the tariffs would remain in effect for one billing month and that any amounts by which the tariffs over- or under-refund the over-collections should be trued-up through the Companies' fuel adjustment clauses.


Attorneys for Columbus Southern Power Company and Ohio Power Company

Great Bend (Meigs County) IGCC Project
Phase I Expenditures

| Category | Cost |  |
| :--- | :--- | ---: |
|  |  | 425,410 |
| Permits and Fees |  | $2,757,781$ |
| Site Preparation |  | $4,832,800$ |
| Process Engineering |  | $8,014,927$ |
| Internal Costs |  | $1,353,106$ |
| Outside Professional Services |  | 177,361 |
| Other Costs + Purchases |  | $3,512,985$ |
| AEP Overheads |  | $\mathbf{2 1 , 0 7 4 , 3 7 0}$ |

## Calculations for Amounts of Over-Collections and Interest

Line


\[

\]

$$
\begin{array}{r}
1,401,486,550 \\
2,211,935.96
\end{array}
$$

| Line No. | Month | RS: | GS-1 | GS-2 | GS-3 | GS-4/RRP-D | AL | SL | SBS | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Columbus Southern Power |  |  |  |  |  |  |  |  |  |
| 1 | 2010 Revenue | 157,701,609.04 | 16,701,881.69 | 72,204,919.04 | 149,272,938.93 | 27,234,357.24 | 752,158.08 | 9,888,092.47 |  | 433,755,956.49 |
| 2 | Allocation | $36.35722 \%$ | 3.85053\% | 16.64644\% | 34.41404\% | 6.27873\% | 0.17341\% | 2.27964\% |  | 100.00000\% |
| 3 | Phase 1 IGCC Rider Collections | 12,354,313.13 |  |  |  |  |  |  |  |  |
| 4 | Phase 1 IGCC Costs | 10,536,984.93 |  |  |  |  |  |  |  |  |
| 5 | over collection | 1,817,328.20 |  |  |  |  |  |  |  |  |
| 6 | Interest | 394,607.76 |  |  |  |  |  |  |  |  |
| 7 | Total Passback Amount | 2,211,935.96 |  |  |  |  |  |  |  |  |
| 8 | September 2011 Forecast kWh | 534,605,349 | 25,000,644 | 113,235,622 | 459,624,798 | 167,774,442 | 2,881,642 | 98,364,053 |  | 1,401,486,550 |
| 9 | Passback Amount (\$) | 804,198.43 | 85,171.15 | 368,208.56 | 761,216.48 | 138,881.45 | 3,835.63 | 50,424.27 |  | 2,211,935.96 |
| 10 | Passback Rate ( $\$ / \mathrm{KWh}$ ) | 0.0015043 | 0.0034068 | 0.0032517 | 0.0016562 | 0.0008278 | 0.0013311 | 0.0005126 | 0.0017125 |  |






14 Total Line $11+$ Line $12+$ Line 13 (Passback Rate $=$ Line 14 Passback Amount / Line 14 September 2011 Forecast kWh)

| Line No. | Month | Rate Class: <br> Residential | GS1 | GS2 | GS3 | GS4IIRP | OL | SL | EHG | EHS | SS | SBS | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ohio Power |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | 2010 Revenue | 183,332,196.88 | 12,988,223.26 | 107,423,421.26 | 124,691,324.50 | 124,723,145.44 | 2,983,962.32 | 2,815,603.32 | 368,753.59 | 0.00 | 1,081,114.18 |  | 560,407.744.75 |
| 2 | Allocation | 32.71407\% | 2.31764\% | 19.16880\% | 22.25011\% | 22.25579\% | 0.53246\% | 0.50242\% | 0.06580\% | 0.00000\% | 0.19292\% |  | 100.00000\% |
| 3 | Phase 1 IGCC Rider Collections | 11,885,728.24 |  |  |  |  |  |  |  |  |  |  |  |
| 4 | Phase 1 IGCC Costs | 10,537,384.64 |  |  |  |  |  |  |  |  |  |  |  |
| 5 | over collection | 1,348,343.60 |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Interest | 307,885.93 |  |  |  |  |  |  |  |  |  |  |  |
| 7 | Total Passback Amount | 1,656,229.53 |  |  |  |  |  |  |  |  |  |  |  |
| 8 | September 2011 Forecast kWh | 614,861,375 | 30,689,937 | 284,810,168 | 495,322,652 | 649,070,975 | 4,758,686 | 5,246,915 | 1,873,483 | 32,927 | 3,537,739 |  | 2,090,204,857 |
| 9 | Passback Amount (\$) | $541,820.13$ | 38,385.41 | 317,479.27 | 368.512.85 | 368,606.89 | 8,818.80 | 8,321.24 | 1,089.81 | - | 3,195.13 |  | 1,656,229.53 |
| 10 | Passback Rate (\$/KWh) | 0.0008812 | 0.0012507 | 0.0011147 | 0.0007440 | 0.0005679 | 0.0018532 | 0.0015859 | 0.0005817 | - | 0.0009032 | 0.0002285 |  |

[^0]1 Actual 2010 Base Generation Revenue
Line 1 / Line 1 Sum
Phase 1 IGCC Rider Collections (per books)
Phase 1 IGCC Costs (per books)
Line 3 minus Line 4
6 Schedule 3 Line 8 Ending Balance
7 Total Line $5+$ Line 6
11 Line 8 GS-2 (September 2011 Forecast kWh) and Line 10 GS-2 (Passback Rate)
12 Line 8 GS-3 (September 2011 Forecast kWh) and Line 10 GS-3 (Passback Rate)

|  |  |
| :---: | :---: |

Columbus Southern Power Company
Ohio Power Company
IGCC - Phase 1 Refund Calculation
Calculation of Cumulative Carrying Costs


8.1 Lcce cols Non 12 Monthly Carrying Charge Rate
13 Monthly Carrying Charge
14 Carrying Charge Balance

[^1]Columbus Southern Power Company
Ohio Power Company
IGCC - Phase 1 Refund Catculation
Calculation of Cumulative Carrying Costs


| Jan | Feb | Mar | Apr | May | Jun | $\mathrm{Jur}^{\text {d }}$ | Aug | Sep | Oct | Nov | Dec |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Actual | Actual | Aclual | Actual | Actual | Actual | Aclual | Actual | Actual | Actual | Actuat | Actual |
| 650,518.88 | 205,044.35 | 646,284.45 | 598,534.80 | 696,957.54 | 360,123.07 | 366,535.77 | 665,096.67 | 249,729.64 | 154,157.19 | 187,997.33 | 1,796,004.61 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 872,480,42 | 1,085,411.08 | 1,003,470.95 | 884,887.33 | 899,480.14 | 1,023,160.36 |
| 650,518.88 | 205,044.35 | 646,284.45 | 598,534.80 | 696,957.54 | 360,123.07 | (505,944.65) | (420,314.41) | (753,741.31) | (730,730.14) | (711,482.81) | 772,844.25 |
| 3,998,303.33 | 4,203,347.68 | 4,849,632.13 | 5,448,166.93 | 6,145,124.47 | $6.505,247.54$ | 5,999,302.89 | 5,578,988.48 | 4,825,247.17 | 4,094,517.03 | 3,383,034.22 | 4,155,878.47 |
| 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

[^2]
## $=$

| (ean |  |  |  | May <br> Actua <br> 61,19320 $890,618.91$ | $$ | $\xrightarrow{\text { Juctual }}$ <br> 48.653.02 141,381.? |  54,093.39 417.39 | $\stackrel{\substack{\text { Sep } \\ \text { Actual }}}{ }$ 16.744 .04 3276.0 |  |  | (ex |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 29955 | (1,008,64.8.3) | (928,99923) |  |  | (1,021,721.25) | (92,728,7) |  | .97 |  | ${ }_{13,108.74}$ | .961.80 |
| ${ }^{2} 88098837.24$ | 1,800,18241 | 87,.383.18 | ${ }_{\text {41, } 2 \text { 29,93 }}$ | 77,409.64 | ,.939,122 | (1.985,550.96) | .932, | (1.918, | (1,999,745 | (1.886.637.19) | 39) |
| 0.4167\% | 8.4187\% | 167\% | . $41617 \%$ | 0.4667\% | 9.467\% | A467\% | 8.416\% | 416\% | 4167\% | 0.4167\% | \% |
| 0.00 0.00 | 0.00 0.00 | 0.00 0.00 | 0 | ${ }_{(174.72)}^{(174.42)}$ | $(3,631.16)$ $(3,805.89)$ | $\begin{array}{r} (7,888.64) \\ (11,694.53) \end{array}$ | $(8,275.04)$ $(19,969.57)$ | $\begin{array}{r} (8,051.37) \\ (2 B, 020.94) \end{array}$ | $\left.\begin{array}{c} (17.995 \cdot 13) \\ (36.010,07) \end{array}\right)$ | $\begin{array}{r} (7,916.24) \\ (43,932.31) \end{array}$ | $\underset{\substack{\text { (7, 961.62] } \\(51,73 \times 3)}}{ }$ |
| 5axamer |  |  |  |  |  |  |  |  |  |  |  |
|  |  | ${ }_{\text {Ancual }}^{\text {Aara }}$ | Actual | ${ }_{\text {Actual }}^{\text {Axy }}$ | ${ }_{\text {actual }}^{\text {sun }}$ | Actual | $\stackrel{\text { Aug }}{\text { Aclua }}$ | ${ }_{\text {A }}^{\text {Sep }}$ Alual | $\xrightarrow{\text { Octu }}$ Acual | ${ }_{\text {a }}^{\text {Noveral }}$ | $\xrightarrow{\text { Decor }}$ Actual |
| ${ }_{\text {46,32926 }}$ |  | ${ }^{130727.58}$ | ${ }_{\text {59,9,9093 }}$ |  |  |  | 54,09225 | ${ }^{16,773.58}$ | ${ }^{18,86678}$ | ${ }^{13,28274}$ | 19.056.95 |
| $\frac{1.04 .54145}{(97721319)}$ |  | 1,054.8824 | (1555,0006.62) | ${ }^{878,80070}$ | (977,7295.29) | ${ }_{\text {13230809 }}^{138.65991)}$ | ${ }_{54,109.55}^{(1730)}$ |  | ${ }_{18,883,47}^{1039}$ | ${ }_{13,12057}^{19.15}$ | 19,055.95 |
| 3,558.66528 | 2.1 | 1,183,19 | 329,10:73 | (489,552,20) | (1,486,877.49) | (1.520.493.40) | (466,933.5) | (1,49, 598.43) | (430,816.56) | (1.41, 224.39 | (,39,567.4 |
| 0.435\% | 0.4375\% | 0.4375\% | 1375\% | 0.4755\% | 0.475\% | 375\% | -437\% | . 4.4375 | 0.435\% | 0.4735\% | 0.4375\% |
| ${ }_{0}^{0.00}$ | 0.00 0.00 | 0.00 0.00 | $\begin{aligned} & 0.00 \\ & 0.00 \end{aligned}$ | $\begin{aligned} & 0.00 \\ & 0.00 \end{aligned}$ | $\begin{aligned} & (2,141.79) \\ & (2,141.79) \end{aligned}$ | $\begin{aligned} & (6,286.16) \\ & (8,427.95) \end{aligned}$ |  | $\begin{array}{r} (6,415.43) \\ (21,495.54) \end{array}$ | $\begin{array}{r} (6,341.91) \\ (27,837.46) \end{array}$ | $(6,259.82)$ $(34,097.28)$ | $\begin{array}{r} (6,202.11) \\ (40,299.39 \end{array}$ |

Columbus Southern Power Company
Ohio Power Company
IGCC - Phase 1 Refund Calculation
Calculation of Cumulative Carrying Costs

## Columbus Southem Power <br> Line No. No.



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## 8 9 Less: Cidered Collections 10 Net (Over) Under Collection

11 Cumulative Net (Over) Under Collection
12 Monthly Carrying Charge Rate
13 Monthly Carying Charge
14 Carrying Charge Balance

Columbus Southern Power Company
Ohio Power Company
IGCC - Phase 1 Refund Calculation
Calculation of Cumulative Carrying Costs
Line
No. Columbus Southern Power
 ${ }_{3}$ Net (Overy) Under Collecion 5 Monthly Camping Charge Rale
${ }_{7} 6$ Monthly Carrying Charge

## No. Onio Power


${ }^{11}$ Cumulaive Net (Over) Under
11 Cumulative Net (Overy) Under Collection
12 Monthly Carrying Change Rale
13 Monthly Carrying Charge
14 Carrying Charge Balance

[^3]| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual |
| 1,472.87 | 833.30 | 727.79 | 755.68 | 590.49 | 679.46 | 804.62 | 1,457.23 | (164.88) | 573.46 | 55.80 | 420.86 |
| (14.40) | (7.98) | (55.30) | (0.70) | 0.31 | (3.89) | (0.02) | 59.89 | 3.56 | 2.81 | (1.91) | (0.39) |
| 1,487.27 | 841.28 | 783.09 | 756.38 | 590.18 | 683.35 | 804.64 | 1,397.34 | (168.44) | 570.65 | 57.71 | 421.25 |
| (1,930,410.55) | (1,829,569.27) | (1,828,786.18) | (1,828,029.80) | (1,827,439.62) | (1,826,756.27) | $(1,825,951.63)$ | (1,824,554.29) | ( $1,824,722.73$ ) | $(1,824,152.08)$ | (1,824,094.37) | (1,823,673.12) |
| 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% |
| (7,633.52) | (7,627.32) | (7,623.82) | $(7,620.55)$ | (7,617.40) | (7,614.94) | (7,612.09) | (7,608.74) | (7,602.92) | (7,603.62) | (7,601.24) | (7,601.00) |
| (151,659.49) | $(159,286.81)$ | (166,910.62) | (174,531.17) | $(182,148.57)$ | (189,763.51) | $(197,375.61)$ | (204,984.35) | (212,587.27) | (220,190.89) | $(227,792.13)$ | $(235,393.13)$ |
| (20 |  |  |  |  |  |  |  |  |  |  |  |
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual |
| 1,473.03 | 833.42 | 727.82 | 755.88 | 590.51 | 679.51 | 804.80 | 1,457.40 | (164.99) | 573.48 | 55.81 | 420.88 |
| 38.96 | (6,49) | (0.80) | 3.48 | 5.31 | (0.02) | (3.13) | (4.17) | (12.75) | (4.32) | 0.71 | 0.00 |
| 1,434.07 | B39.91 | 728.62 | 752.40 | 585.20 | 679.53 | 807.93 | 1,461.57 | (152.24) | 577.80 | 55.10 | 420.88 |
| (1,361,479.18) | (1,360,639.27) | (1,359,910.65) | (1,359,158.25) | (1,358,573.05 | (1,357,893.52) | $(1,357,085.59)$ | (1,355,624.02) | (1,355,776.26) | $(1,355,198.46)$ | (1,355,143.36) | (1,354,722.48) |
| 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% |
| $(5,962.75)$ | (5,956,47) | (5,952.80) | (5,949.61) | (5,946.32) | (5,943.76) | $(5,940.78)$ | (5,937.25) | (5,930.86) | $(5,931.52)$ | (5,928.99) | (5,928.75) |
| (118,464.46) | (124,420.93) | (130,373.73) | ( $136,323.34$ ) | $(142,269.65)$ | (148,213.41) | (154, 154.19) | (160,091.44) | (166,022.30) | (171,953.82) | (177,882.81) | (183,811.57) |


 $\begin{array}{ll}4 & \text { Curnulative Net (Over) Under Collection } \\ 5 & \text { Monthly Carrying Charge Rate } \\ 6 & \text { Monthly Carrying Charge } \\ 7 & \text { Carrying Charge Batance }\end{array}$

## La. Ohe Ohio Power

 11 12 Monthly Carrying Charge Rate13 Monthly Carrying Charge
14 Carrying Charge Balance
$\begin{array}{ll}1 & \text { Monthly Phase } 1 \text { IGCC Costs } \\ 2 & \text { Rider Collections of Phase } 1 \text { IGCC Costs } \\ 3 & \text { Line } 1 \text { - Line } 3+\text { Line } 3 \\ 4 & \text { Line } 4+\text { Line } 5 \text { previous month } \\ 5 & \text { CSP's monthly Interest on Customers' } \\ \text { Oeposits Rate } 5 \% / 12 \text { ) } \\ 6 & \text { If Line } 5 \text { previous month is negative, the Line } 6 \\ & \times \text { Line } 5 \text { prevlous month, not then } 0 \\ 7 & \text { Line } 7+\text { Line } 6 \text { previous month } \\ 8 & \text { Monthly Phase } 1 \text { IGCC Costs } \\ 9 & \text { Rider Collections of Phase } 1 \text { IGCC Costs } \\ 10 & \text { Line } 1 \text { - Line } 3+\text { Line } 3 \\ 11 & \text { Line } 4+\text { Line } 5 \text { previous month } \\ 12 \text { OP's monthly interest on Customers' Deposits } \\ & \text { Rate (5.25\%/12) } \\ 13 \text { If Line } 5 \text { previous month is negative, the Line } 6 \\ & x \text { Line } 5 \text { previous month, not then } 0 \\ 14 & \text { Line } 7+\text { Line } 6 \text { previous month }\end{array}$


| Jan Actual | Feb Actual | Mar Actual | Apr Actual | May Actual | Jun Actual | Jul Actual | Aug Actual | Sep Actual | Oct Actual | Nov Actual | Dec Actual |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 57.01 | 1,223.25 | (16.36) | 0.00 | 106.75 | 1,592.54 | 81.27 | 1,662.35 | 1,209.00 | 0.00 | 0.00 | 0.00 |
| (0.74) | 0.03 | 0.24 | (57.79) | 100.85 | (0.12) | (0.25) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57.75 | 1,223.22 | (16.60) | 57.79 | 5.90 | 1,592.66 | 81.52 | 1,662.35 | 1,209.00 | 0.00 | 0.00 | 0.0 |
| (1,823,615.37) | (1,822,392.15) | (1,822,408,75) | $(1,822,350.96)$ | $(1,822,345.06)$ | (1,820,752.40) | (1,820,670.88) | (1,819,008.53) | (1,817,799.53) | (1,817,799.53) | (1,817,799.53) | (1,817,799.53) |
| 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4167\% | 0.4t67\% | 0.4167\% | 0.4167\% |
| (7,599.25) | (7,599.01) | (7,593.91) | (7.593.98) | (7,593.74) | (7,593.71) | (7,587,08) | (7,586.74) | (7,579.81) | $(7,574.77)$ | (7,574.77) | (7.574.77) |
| $(242,992.37)$ | (250,591.38) | $(258,185.29)$ | (265,779.26) | (273,373.00) | (280,966.71) | $(288,553.79)$ | (296,140.52) | (303,720.33) | (311,295.10) | (318,869.87) | (326,444.64) |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual |
| 57.02 | 1,223.43 | (16.36) | 0.00 | 106.75 | 1,592.67 | 81.38 | 1,662.35 | 1,209.00 | 0.00 | 0.00 | 0.00 |
| (12.29) | 11.93 | (0.39) | (0.10) | (0.23) | 0.00 | 0.00 | 0.00 | (0.18) | 0.00 | 0.00 | (13.54) |
| 69.31 | 1,211.50 | (15.97) | 0.10 | 106.98 | 1,592.67 | 81.38 | 1,662.35 | 1,209.18 | 0.00 | 0.00 | 13.54 |
| (1,354,653.17) | (1,353,441.67) | (1,353,457.64) | (1,353,457.54) | (1,353,350.56) | (1,351,757.89) | (1,351,676.51) | $(1,350,014.16)$ | (1,348,804.98) | (1,348,804.98) | (1,348,804.98) | $(1,348,791.44)$ |
| 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% |
| ( $5,926.91$ ) | (5,926.61) | $(5,921,31)$ | ( $5,921.38$ ) | $(5,921.38)$ | $(5,920.91)$ | (5,913,94) | (5,913.58) | $(5,906.31)$ | ( $5,901.02$ ) | (5.901.02) | $(5,901.02)$ |
| (189,738.48) | $(195,665.08)$ | (201,586.39) | (207,507.77) | (213,429.15) | (219,350.05) | (225,264.00) | (231,177.58) | $(237,083.89)$ | (242,984.91) | ( $248,885.94$ ) | (254,786.96) |



$\begin{array}{ll}\text { No. } & \text { Columbus Southern Power } \\ 1 & \text { IGCC Costs } \\ 2 & \text { Less: Rider Collections } \\ 3 & \text { Net (Over)/ Under Collection } \\ 4 & \text { Cumulative Net (Over) Under C }\end{array}$

6
7
7 Monthly Carrying Charge Line Carrying Charge Balance

## No. Ohia Power

11 Cumulative Net (Over) Under Collection

## 12 Monthly Carrying Charge Rate

13 Monthly Carying Charge
14 Carrying Charge Balance

[^4]
## 良

Columbus Southern Power Company
Ohio Power Company
IGCC - Phase 1 Refund Caiculation
Calculation of Cumulatlve Carrying Costs


#  



| 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% | 0.4375\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (5,900.96) | (5,900.96) | (5,900.96) | <5,901.06\} | (5,899.00) | (5,899.00) | (5,899.00) | (5,899.00) | (0) |
| (260,687.92) | (266,588.88) | (272,489.84) | $(278,390.91)$ | $(284,289.91)$ | (290,188.92) | (296,087.92) | (301,986.92) | (307,885.93) |

[^5]No. Columbus Southern Power

$\begin{array}{ll}\text { No. Columbus Southern Power } \\ 1 & \text { IGCC Costs } \\ 2 & \text { Less: Rider Collections } \\ 3 & \text { Net (Over)? Under Collection } \\ 4 & \text { Cumulative Net (Over)/ Under } \\ 5 & \text { Monthly Carrying Charge Rate } \\ 6 & \text { Manthly Carrying Charge } \\ 7 & \text { Carrying Charge Batance }\end{array}$ 12 Monthly Carrying Charge Rale
13 Monthly Carrying Charge
14 Carrying Charge Balance

Attachment 3

## Form of Proposed Tariffs

Effective Cycle1 September 2011 all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the IGCC Credit Rider per KWH as follows:

| Schedule | ¢/KWH |
| :--- | :---: |
| RS, RS-ES, RS-TOD and RDMS | 0.08812 |
| GS-1 | 0.12507 |
| GS-2 and GS-TOD | 0.11147 |
| GS-3 | 0.07440 |
| GS-4 and IRP-D | 0.05679 |
| EHG | 0.05817 |
| EHS | 0.00000 |
| SS | 0.09032 |
| OL | 0.18532 |
| SL | 0.15859 |
| SBS | 0.02285 |

This temporary Rider shall remain in effect for one month.

Filed pursuant to Order dated $\qquad$ in Case No. $\qquad$
$\qquad$

## P.U.C.O. NO. 7 <br> IGCC CREDIT RIDER

Effective Cycle 1 September 2011, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the IGCC Credit Rider per KWH as follows:

| Schedule | $\phi / \mathrm{KWH}$ |
| :--- | :---: |
| R-R, R-R-1, RLM, RS-ES AND RS-TOD | 0.15043 |
| GS-1 | 0.34068 |
| GS-2 and GS-2-TOD | 0.32517 |
| GS-3 | 0.16562 |
| GS-4 and IRP-D | 0.08278 |
| SBS | 0.17125 |
| SL | 0.05126 |
| AL | 0.13311 |

This temporary Rider shall remain in effect for one billing month.

Filed pursuant to Order dated $\qquad$ in Case No. $\qquad$
Issued: $\qquad$

## Certificate of Service

I hereby certify that the foregoing Statement of Columbus Southern Power Company and Ohio Power Company Regarding the Status of Construction of the Integrated Gasification Combined Cycle Electric Generation Facility at Great Bend in Meigs County, Ohio was served upon the following counsel of record by first-class mail, postage prepaid, this June $29^{\text {th }}, 2011$ :


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[^0]:    September
    

[^1]:    Monthly Phase 1 IGCC Costs
    Rider Collections of Phase 1 IGCC Costs
    Line 1 - Line $3+$ Line 3
    Line 1 - Line $3+$ Line 3
    Line $4+$ Line 5 previous $m$
    5 CSP's monthly Interest on Customers
    Deposits Rate ( $5 \% / 12$ )
    6 If Line 5 previous month is negative, the Line 6
    $\times$ Line 5 previous month, not then 0
    7 Line $7+$ Line 6 previous month
    8 Monthly Phase 1 IGCC Costs
    9 Rider Collections of Phase 1 IGCC Costs
    10 Line 1 - Line $3+$ Line 3
    11 Line $4+$ Line 5 previous month
    12 OP's monthly Interest an Customers' Deposits
    $\quad$ Rate $(5.25 \% / 12)$
    13 If Line 5 previous month is negative, the Line 6
    $\times$ Line 5 previous month, not then 0
    14 Line $7+$ Line 6 previous month

[^2]:    Monthly Phase 1 IGCC Costs
    Rider Collections of Phase 1 IGCC Costs
    Line 1 - Line $3+$ Line 3
    Line $4+$ Line 5 previous month
    Deposits Rate ( $5 \% / 12$ )
    $6 \begin{aligned} & \text { Of ine } 5 \text { previous month is negative, the Line } 6 \\ & x \text { Line } 5 \text { previous month, not then } 0\end{aligned}$
    4 Line 4 + Line 5 previous month
    5 CSP's monthly Interest on Customers'
    $x$ Line 5 previous month, not then 0
    7
    Line $7+$ Line 6 previous month
    9 Rider Collections of Phase 1 IGCC Costs
    9 Rider Collections of Phase 1 IGCC Costs
    10 Line 1 - Line $3+$ Line 3
    11 Line $4+$ Line 5 previous manth
    12 OP's monthly interest on Customers' Deposils 13 If Line 5 previous month is negative, the Line 6 x Line 5 previous month, not then 0
    14 Line $7+$ Line 6 previous month

[^3]:    Monthly Phase 1 IGCC Costs
    Rider Collections of Phase 1 IGCC Costs
    Line 1 - Lins $3+$ Line 3
    Line $4+$ Line 5 previous month
    CSP's monthly Interest on Customers'
    Deposits Rate $(5 \% / 12)$
    If Line 5 previous month is negative, the Line 6
    x Line 5 previous month, not then 0
    Line $7+$ Line 6 previous month
    Monthly Phase 1 IGCC Costs
    Rider Collections of Phase 1 IGCC Costs
    Line 1 - Line $3+$ Line 3
    Line $4+$ Line 5 previous month
    11 Line $4+$ Line 5 previous month
    12 OP's monthly interest on Customers' Deposits
    Rate
    13 If Line 5 previous month is negative, the Line 6
    $x$ Line 5 previous month, not then 0
    14 Line $7+$ Line 6 previous month

[^4]:    Monthly Phase 1 IGCC Costs
    Rider Collectians of Phase 1 IGCC Costs Line 1 - Line $3+$ Line 3
    Line $4+$ Line 5 previous
    CSP's monthly interest on

    Line $4+$ Line 5 previous month
    CSP's monthly Interest on Customers'
    If Line 5 previous month is negative, the Line 6
    $x$ Line 5 previous month, not then 0
    $x$ Line 5 previous month, not then 0
    Line 7 + Line 6 previous month
    Monthly Phase 1 IGCC Costs
    Rider Collections of Phase 1 IGCC Costs
    Rider Collections of Phase 1 IGCC Costs
    Line 1 - Line $3+$ Line 3
    Line $4+$ Line 5 previous month
    11 OP's monthly Interest on Customers' Deposits
    13 If Line 5 previous month is negative, the Line 6
    $x$ Line 5 previous month, not then 0
    4 Line $7+$ Line 6 previous month

[^5]:    Monthly Phase 1 IGCC Costs
    Rider Collections of Phase 1 IGCC Costs
    Line 1 - Line $3+$ Line 3
    Line $4+$ Line 5 previous month
    CSP's monthly Interest on Cus
    6 If Line 5 previous month is negative, the Line 6
    $\times$ Line 5 previous month, not then 0
    7 Line $7+$ Line 6 previous month
    $\begin{array}{ll}8 & \text { Monthly Phase } 1 \text { IGCC Costs } \\ 9 & \text { Rider Collections of Phase } 1 \text { IGCC Costs } \\ 10 & \text { Line } 1-\text { Line } 3+\text { Line } 3 \\ 11 & \text { Line } 4+\text { Line } 5 \text { previous monith }\end{array}$
    9 Rider Collections of Phase 1 IGCC Costs
    10 Line $1-$ Line $3+$ Line 3
    11
    Line $4+$ Line 5 previous month
    Rider Collections of Phase 1 IGCC Costs
    Line 1 -Line $3+$ Line 3
    CSP's monthly Interest on Customers'
    12 OP's monthly Interest on Customers' Deposits
    3 If Line 5 previous month is negative, the Line 6
    14 Line 7 + Line 6 previous manth

