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March 12, 2021

Ms. Tanowa M. Troupe  
PUCO Docketing Division  
180 East Broad Street, 11<sup>th</sup> Floor  
Columbus, OH 43215-3716

Re: Duke Energy Ohio Application for Approval to Modify Rider FBS, Rider EFBS and Rate  
IMBS  
Case Nos. 21-180-GA-RDR  
21-188-GA-ATA

Dear Ms. Troupe:

Please find attached revised versions of Exhibit A and Exhibit B to the above-referenced application. An inadvertent error was discovered and these exhibits will replace those filed with the application.

Please feel free to contact me if you have any questions.

Sincerely,

*Emily A. Olive, CP*

Emily A. Olive  
Certified Paralegal



**Duke Energy Ohio**  
**Gas Commercial Operations**  
**Storage Cost of Columbia Gas FSS/SST and Texas Gas NNS**  
**EFBS Calculation based on Pipeline Rates Effective February 1, 2021**

**Duke Energy's Demand & Commodity EFBS Rate**

Demand Charges					Annual Cost
<b>Columbia Gas FSS</b>					
FSS SCQ	9,244,079	dth	\$0.0672	12	\$7,454,425.31
FSS MDWQ	216,514		\$3.7300	12	\$9,691,166.64
Winter SST	216,514		\$6.4280	6	\$8,350,511.95
Summer SST	108,257		\$6.4280	6	\$4,175,255.98
<b>Texas Gas NNS Unnominated</b>					
NNS Winter	25,000		\$0.4190	151	\$1,581,725.00
NNS April	15,625		\$0.4190	30	\$196,406.25
NNS October	20,625		\$0.4190	31	\$267,898.13
<b>Texas Gas NNS Nominated *</b>					
NNS Winter	6,250		\$0.1048	151	\$98,905.00
NNS April - Oct	10,982		\$0.1048	214	\$246,295.51
					\$32,062,589.76
Divided by MDWQ (TGT & TCO)					241,514
Divided by # of Months					12
<b>EFBS Demand Charge per Max Daily Delivery Quantity (MDDQ)</b>					<b>\$11.06 /dth/month</b>

<b>Commodity Charges</b>					
SST Fuel	9,448,907	1.686%	\$2.7580		\$439,373.04
SST Inject **	9,289,598		\$0.0169		\$156,994.21
FSS Fuel	9,289,598	0.490%	\$2.7580		\$125,541.49
FSS Inject	9,244,079		\$0.0150		\$138,661.19
FSS Withdraw	9,244,079		\$0.0150		\$138,661.19
SST Fuel	9,244,079	1.686%	\$2.7580		\$429,848.56
SST Withdraw	9,088,224		\$0.0158		\$143,593.94
KO ITS-F Commodity **	9,088,224		\$0.0734		\$667,075.64
TCO Commodity Charges					\$2,239,749.26
NNS Fuel	2,371,103	0.890%	\$2.7580		\$58,201.57
NNS Commodity	2,350,000		\$0.0625		\$146,875.00
TGT Commodity Charges					\$205,076.57
Total Commodity Charges					\$2,444,825.83

Total Firm Throughput (Sales and Choice Program) 54,546,666 mcf

<b>EFBS Commodity Charge per mcf of throughput</b>	<b>\$0.045 per mcf</b>
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\* Rate is based on difference between Texas Gas Transmission's maximum rates for NNS and FT.

\*\* Commodity Charges include ACA of \$0.0011

**Duke Energy Ohio  
Pipeline Services**

**IT Balancing Charge Calculation based on Pipeline Rates Effective February 1, 2021**

**Charges based on Daily Balancing**

				Annual Cost
Demand Charges				
Columbia Gas FSS				
FSS MDWQ	20,000	\$3.7300	12	\$895,200.00
Winter SST	20,000	\$6.4280	6	\$771,360.00
Summer SST	10,000	\$6.4280	6	\$385,680.00
Commodity Charges				
SST Inject *	1,326,308		\$0.0169	\$22,414.61
FSS Inject	1,303,947		\$0.0150	\$19,559.20
FSS Withdraw	1,418,204		\$0.0150	\$21,273.06
SST Withdraw	1,394,293		\$0.0158	\$22,029.83
KO ITS Commodity *	1,394,293		\$0.0734	\$102,341.12
Total				<u>\$2,239,857.83</u>
Total IT Annual Throughput 2020				19,264,417 mcf
<b>Cost for Daily Balancing (All Options)</b>				<b>\$0.1163 per mcf</b>

**Charges Based on Carry-Over Amounts**

Columbia Gas FSS				
FSS SCQ Summer (8%)	128,429	\$0.0672	7	\$60,413.21
FSS SCQ Winter (10%)	160,537	\$0.0672	5	\$53,940.37
				<u>\$114,353.58</u>
Total IT Annual Throughput 2020				19,264,417 mcf
Charge for Monthly Carry-over				\$0.0059 per mcf
<b>Total Cost of Balancing</b>				<b>\$0.1222 per mcf</b>

\* Commodity Charges include ACA of \$0.0011

# Redlined Tariff

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

## RIDER EFBS

### ENHANCED FIRM BALANCING SERVICE

#### APPLICABILITY

Applicable to pools served by gas suppliers/aggregators that secure their own total upstream pipeline capacity necessary to meet the aggregated peak day requirements as more fully described under the Assignment of Capacity provision contained in Rate FRAS, Full Requirements Aggregation Service, Sheet No. 44, and that elect or are required to receive service for such pools under Rider EFBS rather than Rider FBS (Firm Balancing Service).

#### SERVICE

- a) Service provided under Enhanced Firm Balancing Service (EFBS) shall be subject to the limitations set forth below. Such service shall be provided on a firm basis and shall apply to all gas delivered to the Company for the Supplier and provided pursuant to this tariff, up to the Bank Contract Quantity (BCQ) set forth herein. Supplier's Maximum Daily Delivery Quantity (MDDQ) shall be that specified herein.
- b) Initial allocation of EFBS shall be as follows:
  1. Any Supplier whose FRAS Pool Maximum Daily Quantity (MDQ) exceeds 1,000 Dth/day, shall be allocated EFBS with an MDDQ equal to the proportion of the Company's no-notice balancing service quantity to its firm system design day times the Supplier's MDQ adjusted up to the nearest factor of 3,000.
- c) Suppliers with a FRAS Pool MDQ less than 1,000 Dth/day shall continue under the Company's Rider FBS. Suppliers with a FRAS Pool MDQ greater than or equal to 1,000 Dth/day and less than 6,000 Dth/day shall have the option of receiving balancing service under EFBS or continuing under the Company's Rider FBS. Suppliers with a FRAS Pool MDQ greater than or equal to 6,000 Dth/day shall receive service under Rider EFBS. The determination will be made based on the MDQ as of December 31 of the preceding year based on the combination of all firm pools operated by the same company. Supplier pools for process-only load, comprised entirely of customers whose loads are not weather dependent (e.g. gas fired electric generation), shall be exempt from receiving service under EFBS. The annual election, if applicable, shall be made on or before January 15 of each year to become effective on April 1 of each year.
- d) Incremental allocation/reduction of EFBS shall be as follows:
  1. Any Supplier whose MDQ crosses a factor of 3,000 Dth/day (herein, threshold) shall receive an allocation/reduction of its EFBS with an MDDQ equal to the proportion of the Company's no-notice balancing service quantity to its firm system design day times the Supplier's threshold (3,000 Dth/day), which will remain effective from the first of the following month in which the threshold was reached until such time as another threshold is reached.

Filed pursuant to an Order dated September 23, 2020 in Case No. 20-794-GA-RDR  
before the Public Utilities Commission of Ohio.

Issued: September 28, 2020

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Issued by Amy B. Spiller, President

Duke Energy Ohio  
 139 East Fourth Street  
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**SERVICE (Contd.)**

2. For purposes of determining increases to the EFBS bank and MDDQ, the supplier's MDQ must exceed the next threshold by at least 500 Dth per day or exceed the threshold by a lower amount for three (3) consecutive months. For purposes of determining decreases to the EFBS bank and MDDQ, the supplier's MDQ must be at least 500 Dth per day lower than the previous threshold or remain under the previous threshold by a smaller amount for three (3) consecutive months. For situations where the threshold has been either exceeded or decreased as stated in the previous two sentences, measurements shall occur on the 25<sup>th</sup> day of each month, unless such day is not a business day, in which case such measurement shall occur on the next following business day.
- e) The Supplier's BCQ ratio to its allocated MDDQ will be equal to the Company's ratio of daily no-notice balancing service quantity to its annual no-notice storage quantity with its storage service provider. The Company's ratio shall be determined on an annual basis. Both the Company's no-notice balancing service quantity and its annual no-notice storage quantity with its storage service providers will be established prior to the notification deadline for selecting EFBS service, and will not be changed within the associated gas year. The Company may adjust those percentages to reflect changes in the Agreement with its storage service provider, which may also necessitate changes in pricing with respect to the service. Any changes to the percentages or prices will be communicated to Suppliers on or before January 1 each year and will become effective to coincide with the Supplier's opportunity to select either FBS or EFBS service as outlined in Rate FRAS.

When initial or incremental EFBS is allocated to a Supplier, or recalled from a Supplier effective on the first day of any month, and the adjusted BCQ causes the Supplier's percent of EFBS bank to BCQ to be outside of the range specified below, then the Supplier must purchase, sell or transfer the required amount of bank so that the percent of EFBS bank to BCQ is within the specified range, within three (3) business days of the first day of the month such change is to become effective.

	<u>Minimum</u>	<u>Maximum</u>
April	0%	25%
May	0%	60%
June	14%	60%
July	34%	60%
August	54%	85%
September	75%	85%
October	88%	98%
November	95%	98%
December	78%	98%
January	59%	98%
February	36%	65%
March	18%	45%

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**SERVICE (Cont'd.)**

1. This designation may require the Supplier to purchase, sell or transfer a specified volume of gas for the Supplier's EFBS bank in one of four ways (as determined by the Supplier, unless Supplier fails to purchase, sell or transfer specified volumes of gas, in which case option A shall be employed): (A) The Supplier may purchase natural gas from the Company, or sell to the Company, a portion of the Company's then current inventory with its storage service provider. The price for the gas purchased or sold by the Supplier for its bank volume shall equal the Company's inventory weighted average cost of gas with its storage service provider, adjusted for fuel to get a price at the burner tip. The Company shall communicate the current inventory weighted average cost of gas to Suppliers. (B) The Supplier can purchase or sell the specified volume of gas from/to another Supplier that receives service under the EFBS, by transferring volumes of gas, provided that the transfer does not increase a Suppliers Bank above the maximum levels as defined in the EFBS tariff or decrease a Suppliers Bank below the minimum for the month. Each supplier involved in the transfer must notify the Company in writing of the amount to be transferred and the date on which the transfer is to be effective. (C) The Supplier can transfer the gas to/from its own or a third parties storage account directly into the Company's storage account through an inter-company storage inventory transfer executed through the storage service provider. The increase or decrease to the Supplier's EFBS bank will be adjusted for fuel to get the increase or decrease at the burner tip. (D) The Supplier can transfer the gas to/from its IT Pool.
  2. Suppliers will be required to pay for or transfer such gas designated for Supplier's BCQ in advance of the third (3<sup>rd</sup>) business day of the month in which service is effective unless other arrangements, acceptable to the Company, have been completed.
- f) Except as specified in h) below, Supplier's EFBS bank shall be increased or decreased by the daily difference between actual natural gas volumes received by the Company at its city gate and Supplier's back-cast Targeted Supply Quantity (TSQ), adjusted for fuel retainage in the following manner:
1. If the Supplier delivers more natural gas than the back-casted TSQ, then the Suppliers EFBS bank shall be increased by the amount of the over-delivery, calculated at the burner tip.
  2. If the Supplier delivers less natural gas than the back-casted TSQ, then the Supplier EFBS bank shall be decreased by the amount of the under-delivery, calculated at the burner tip.
- g) On a day when Supplier's TSQ is greater than or equal to the MDQ, supplier shall have full access to the total MDDQ as specified in the EFBS tariff. The Supplier will not be required to make total deliveries, including the back-casted MDDQ, above the MDQ.
- h) The Company may, at its option, recall EFBS from a Supplier if that Supplier subsequently ceases its participation in the Company's Customer Choice program for any reason. The Company may also recall a proportional amount of the Supplier's gas bank if the Supplier's MDQ decreases below a 3,000 Dth increment (as detailed in subparagraph (d) 1. and (d) 2. above) and the Supplier's gas bank is above the maximum quantity for that month, to become effective on the first day of the following month.

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**SERVICE (Cont'd.)**

1. If the Company recalls EFBS, or the Supplier's MDQ decreases below a 3,000 Dth increment and Supplier does not elect to proceed under subparagraph (i) 2., then the Company shall buy all or a portion of Supplier's gas bank. The price of the gas in the Supplier's bank purchased by the Company shall be the Company's inventory weighted average cost of gas with its storage service provider, adjusted for fuel to get a price at the burner tip.
2. Alternatively, the Supplier can sell or transfer the specified volume of gas as described in subparagraph (f) 1.
3. In circumstances other than those described above, if a Supplier requests termination of EFBS other than at the time of the annual election, the Company may agree to termination at its sole discretion, and will elect to purchase any gas volumes remaining in the Supplier's bank at the above price options.

i) The Maximum Monthly Bank Quantities (MMBQ) shall be limited to the following percentages of Supplier's BCQ:

April	15%	August	18%	December	10%
May	20%	September	13%	January	10%
June	20%	October	9%	February	10%
July	20%	November	5%	March	10%

j) Supplier's Maximum Daily Bank Quantities (MDBQ) shall equal 1/25th of the Supplier's then current MMBQ, except during the months of November and December when the MDBQ shall equal 1/30th of the Supplier's then current MMBQ.

k) A Supplier may have no more than 60% of its BCQ in bank as of June 30, and no more than 85% of its BCQ in bank as of August 31. Quantities in excess of 60% of Supplier's BCQ as of June 30, or 85% of Supplier's BCQ as of August 31, shall not be carried over beyond June 30 or August 31, as applicable, and shall be forfeited by Supplier to the extent that such excess caused TCO to confiscate the Company's gas.

l) The Company shall deliver Supplier's BCQ throughout the year, subject to the limitations set forth. Supplier's MDDQ shall be based upon and limited by Supplier's BCQ inventory remaining in bank determined in accordance with the Company's best estimates as follows:

% of banked gas in BCQ	% of MDDQ
100% to 30%	100%
less than 30% to 20%	80%
less than 20% to 10%	65%
less than 10% to 0%	50%

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**SERVICE (Cont'd.)**

- m) The minimum and maximum monthly net withdrawal quantities for the months November through March shall be as follows:

<u>Month</u>	<u>Minimum % of BCQ</u>	<u>Maximum % of BCQ</u>
November	No minimum	40%
December	No minimum	40%
January	No minimum	40%
February	10%	30%
March	10%	20%

- n) If Supplier exceeds the maximum monthly net withdrawal limit during any of the months November through March, Supplier's maximum monthly net withdrawal quantity for the succeeding month shall be reduced by an amount equal to the excess quantities withdrawn during the excess withdrawal month. Supplier's withdrawals during the months April through October shall not be subject to maximum or minimum withdrawal limits; provided, however, that Supplier's withdrawals during that period shall be subject to the limitations of Supplier's BCQ levels.
- o) Supplier's maximum bank inventory on April 1 shall not exceed 25% of its BCQ. Supplier's maximum bank inventory on February 1 shall not exceed 65% of its BCQ. Quantities in excess of 25% of Supplier's BCQ on April 1, or 65% of Supplier's BCQ on February 1, shall not be carried over beyond April 1 or February 1, as applicable, and shall be forfeited by Supplier to the extent that such excess caused TCO to confiscate the Company's gas.

**BANK TRANSFERS**

- a) Suppliers may transfer volumes of gas held in their banks under the EFBS with other Suppliers receiving service under EFBS. Each supplier involved in the transfer must notify the Company in writing of the amount to be transferred and the date on which the transfer is to be effective.
- b) The transfer must not increase a Suppliers Bank above the maximum levels as defined in the EFBS tariff. Likewise, the transfer must not decrease a Suppliers Bank below the MBQ for the month.

**DELIVERY POINTS**

- a) The point of delivery for all gas tendered to the Company shall be the Company's city gate for EFBS service and, in accordance with the Supplier's FRAS Agreement with the Company, based upon a percentage north/south split. The north/south split for volumes up to the TSQ shall be the same as the split for Suppliers that have elected FBS and system supply. Volumes in excess of the TSQ will be subject to north/south restrictions in accordance with the Company's ability to inject gas per its agreements with the storage service providers.

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## WAIVER REQUESTS

- a) In regard to the above percentage limitations on withdrawals and injections, the Company shall allow deviations from these limitations to the extent that additional flexibility has been granted to the Company by its storage service providers. Waivers shall be granted by the Company on a non-discriminatory basis.

## RATE

- a) For all services rendered pursuant to this tariff, Supplier each month shall pay the Company the charges set forth below:
1. Demand Charge: ~~\$7.34~~11.06, assessed each month on each Dth of the Supplier's MDDQ;
  2. Commodity Charge: ~~\$0.038~~45, per Mcf, applied to all monthly consumption of the supplier's aggregate FT-S, FT-L, RFT and RFT-LI services not included in a pool receiving service under Rider FBS.
- b) Rates will be reviewed quarterly and adjusted based on current charges from the Company's storage service providers.

## NON-COMPLIANCE

- a) If Supplier's EFBS bank is less than zero on any day, then the Supplier shall purchase a quantity of natural gas from the Company sufficient to bring the Suppliers EFBS bank up to the minimum percent listed in Service, section (f) above for the month in which the bank became less than zero. The price shall be 110% of the higher of the inventory weighted average cost of gas with its storage service provider or the highest price at which the company purchased gas for that month plus interstate pipeline fuel, commodity and daily reservation charges.
- b) Except in instances when the Suppliers BCQ has been reduced due to a lower MDQ, if Supplier's EFBS bank is greater than 102% of their BCQ on any day, then the amount in excess of the maximum percent listed in Service section (f) above for the month in which the bank exceeded 102% shall be purchased by the Company for a price equal to 90% of the lower of the inventory weighted average cost of gas with its storage service provider or the lowest price at which the company purchased gas for that month plus interstate pipeline fuel, commodity and daily reservation charges.
- c) Supplier must pay any penalties incurred by the Company from one of its storage service providers that can be attributed to actions by the supplier that do not comply with the EFBS tariff.
- d) The Company may recall EFBS from a supplier for Non Compliance with the EFBS tariff. The Supplier will revert to the FBS at the beginning of the revenue month.

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P.U.C.O. Gas No. 18  
Sheet No. 58.67  
Cancels and Supersedes  
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**RATE IMBS**

**INTERRUPTIBLE MONTHLY BALANCING SERVICE**

**AVAILABILITY**

Interruptible transportation monthly gas balancing service available (1) to customers receiving service under Rate IT who are acting as their own pool for supply management purposes, and (2) to pool operators designated by customers to manage their gas supplies on their behalf, and as a part of an aggregated customer pool. For purposes of this tariff, a pool shall aggregate the requirements of all pool member customers and be treated as a single customer for supply management purposes.

**CHARACTER OF SERVICE**

The service provided under this tariff is a “best efforts,” interruptible, monthly gas balancing service that requires only a general obligation to balance daily pool usage with pool deliveries into the Company’s city gate stations and provides that no daily imbalance charges or penalties will be levied on the pool operators, except on those days when operational flow orders (OFO) have been issued. However, pool operators are under a continuing obligation to work with the Company in a good faith manner to respond to both formal and informal system management requests, and to strive to maintain relative daily balancing on the system throughout the course of the month (i.e., avoid zero and flat nominations and make weekend nominations.) For purposes of this tariff, an “Operational Flow Order” shall be defined as “a directive issued by the Company to a pool operator requiring such pool operator to deliver daily gas quantities into the Company’s designated receipt points in quantities that match their pool’s actual daily measured usage, or in quantities consistent with those requested by the Company, or at specified city gate receipt points as requested by the Company.” OFOs shall be issued for operational reasons only, and not for economic considerations. In the event a pool operator violates this tariff or the aggregation agreement, the Company may assess such a violator for all direct incremental gas supply, capacity, or storage costs incurred due to the violation. In addition, if the violations are part of a pattern of noncompliance or of a magnitude that merits additional action be taken, the Company may take steps to suspend or permanently remove a pool operator from participation upon notice. The Company shall have the right to limit or terminate the availability of this service to pool operators guilty of excessive abuse of the system; i.e., engaging in extreme and/or continued violations of the tariff terms and conditions including this general balancing requirement. For purposes of administering this tariff, the daily and monthly usages of all customers within a pool will be combined into single daily/monthly pool usage number, which will be matched against the pool operator’s total daily/monthly deliveries to its interruptible transportation pool.

**SERVICE DESCRIPTION**

Interruptible transportation customers who avail themselves of the service under this rate schedule must conform to the monthly imbalance carry over tolerance level shown below.

	Allowed Monthly Under-Run	<u>Allowed Seasonal Monthly Over-Run</u>		
	%	May Through November	December Through April	Charge on All Throughput
	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
All Pools	0	8	10	\$0. <del>0848</del> <u>1222</u> per Mcf

Filed pursuant to an Order dated ~~September 9, 2020~~ in Case No. ~~20-384-GA-ATA~~ before the Public Utilities Commission of Ohio.

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### SERVICE DESCRIPTION (Contd.)

Pool operators shall be held to a monthly balancing requirement within the monthly imbalance carry over tolerance level. Pool operators shall be subject to only a general obligation to balance pool requirements and deliveries on a daily basis unless an OFO has been issued.

On days when OFOs have been issued for operational purposes other than to simply affect receipt point changes, pool operators are required to operate on a "gas-in equals gas-out" basis. Any net imbalances on these OFO days may result in unauthorized overrun/underrun charges or penalty charges being levied against the responsible pool operator. Such charges shall be calculated in accordance with the "Charges for Unauthorized Deliveries" provision of Rate IT, Interruptible Transportation Service. In order to minimize daily imbalance charges and penalties on OFO days, as well as end of month imbalance "cash outs," pool operators are encouraged to participate in the Company's inter-pool imbalance trading/transfer opportunities and related electronic bulletin board (EBB) services. Daily imbalance trades/transfer made through the Company's EBB must be completed within four (4) business days from the date that the trade or transfer applies. Monthly imbalance trades to comply with the monthly balancing requirements of Rate IMBS must be made within four (4) business days after the end of the month. The pool or pool operator receiving gas that has been traded or transferred will be billed a fee in accordance with Rate GTS for each transaction.

### NET MONTHLY BILL

Net monthly imbalances will be calculated for billing purposes as the net of:

- a) actual deliveries,
- b) plus or minus imbalance trades,
- c) plus or minus unauthorized daily or monthly OFO overrun/underrun volumes,
- d) plus monthly imbalance carryover,
- e) minus actual metered usage on an aggregated pool basis, as adjusted for unaccounted for gas losses.

The Net Monthly Imbalance percentage will be determined by dividing the net monthly imbalance as measured at the burner tip by the aggregated pool usage for the month.

Pool operators receiving balancing services under this rate schedule shall be subject to the following charges:

- (1) Unauthorized overrun/underrun charges as described above and resulting from pool operator's failure to comply with daily operational flow orders except as provided above.
- (2) End of month "cash out" charges for volumes over/under delivered outside of pool operator's selected Option tolerance levels, as follows:
  - (a) Over-deliveries are defined as monthly deliveries into the Company's city gate stations, plus the prior month's carryover volumes, that exceed the pool's aggregated customer's metered usage for the month as adjusted for shrinkage back to the city gate, and as adjusted for the pool's elected monthly carry over tolerance percentage. Over-deliveries beyond the pool's elected monthly carry over tolerance percentage shall be cashed out to the pool operator

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at the first of the month index published in *Inside F.E.R.C. Gas Market Report*, "Prices of Spot Gas Delivered to Pipelines," Columbia Gulf Transmission Co.,

#### NET MONTHLY BILL (Contd.)

Mainline Index, first publication of the month following the delivery month, plus Columbia Gulf and Columbia Gas Transmission pipelines' commodity transportation costs, plus fuel, to the Company's city gate. (Note: For actual billing purposes a burner tip rate equivalent to that described above will be applied to the volumes delivered in excess of the elected monthly carry over tolerance percentage, as measured at the burner tip.)

- (b) Under-deliveries are defined as monthly deliveries into the Company's city gate stations, plus the prior month's carryover volumes, that are less than the pool's aggregated customers' metered usage for the month, as adjusted for shrinkage back to the city gate. Under-deliveries shall be cashed out at the first of the month index published in *Inside F.E.R.C. Gas Market Report*, "Prices of Spot Gas Delivered to Pipelines," Columbia Gulf Transmission Co., Mainline Index, first publication of the month following the delivery month, plus Columbia Gulf and Columbia Gas Transmission pipelines' commodity transportation costs, plus fuel, to the Company's city gate. (Note: For actual billing purposes a burner tip rate equivalent to that described above will be applied to the under-delivery volumes, as measured at the burner tip.)

#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto are subject to the jurisdiction of the Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

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**RIDER FBS**  
**FIRM BALANCING SERVICE**

**APPLICABILITY**

Applicable to pools served by gas suppliers/aggregators that secure their own total upstream pipeline capacity necessary to meet the aggregated peak day requirements as more fully described under the Assignment of Capacity provision contained in Rate FRAS, Full Requirements Aggregation Service, Sheet No. 44, and that receive service for such pools under Rider FBS rather than Rider EFBS (Enhanced Firm Balancing Service) as more fully described under the Service provision contained in Rider EFBS, Enhanced Firm Balancing Service, Sheet No. 50.

**BALANCING SERVICE CHARGE**

The FBS charge, which will be applied to all monthly consumption of the supplier's aggregate FT and RFT services not included in a pool receiving service under Rider EFBS, is \$0.~~363~~614 per Mcf.

Filed pursuant to an Order dated ~~September 23, 2020~~ \_\_\_\_\_ in Case No. ~~20-794-GA-RDR~~ \_\_\_\_\_ before the Public Utilities Commission of Ohio.

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Effective: ~~October 1, 2020~~

Issued by Amy B. Spiller, President

# Clean Tariff



**RIDER EFBS**

**ENHANCED FIRM BALANCING SERVICE**

**APPLICABILITY**

Applicable to pools served by gas suppliers/aggregators that secure their own total upstream pipeline capacity necessary to meet the aggregated peak day requirements as more fully described under the Assignment of Capacity provision contained in Rate FRAS, Full Requirements Aggregation Service, Sheet No. 44, and that elect or are required to receive service for such pools under Rider EFBS rather than Rider FBS (Firm Balancing Service).

**SERVICE**

- a) Service provided under Enhanced Firm Balancing Service (EFBS) shall be subject to the limitations set forth below. Such service shall be provided on a firm basis and shall apply to all gas delivered to the Company for the Supplier and provided pursuant to this tariff, up to the Bank Contract Quantity (BCQ) set forth herein. Supplier's Maximum Daily Delivery Quantity (MDDQ) shall be that specified herein.
- b) Initial allocation of EFBS shall be as follows:
  - 1. Any Supplier whose FRAS Pool Maximum Daily Quantity (MDQ) exceeds 1,000 Dth/day, shall be allocated EFBS with an MDDQ equal to the proportion of the Company's no-notice balancing service quantity to its firm system design day times the Supplier's MDQ adjusted up to the nearest factor of 3,000.
- c) Suppliers with a FRAS Pool MDQ less than 1,000 Dth/day shall continue under the Company's Rider FBS. Suppliers with a FRAS Pool MDQ greater than or equal to 1,000 Dth/day and less than 6,000 Dth/day shall have the option of receiving balancing service under EFBS or continuing under the Company's Rider FBS. Suppliers with a FRAS Pool MDQ greater than or equal to 6,000 Dth/day shall receive service under Rider EFBS. The determination will be made based on the MDQ as of December 31 of the preceding year based on the combination of all firm pools operated by the same company. Supplier pools for process-only load, comprised entirely of customers whose loads are not weather dependent (e.g. gas fired electric generation), shall be exempt from receiving service under EFBS. The annual election, if applicable, shall be made on or before January 15 of each year to become effective on April 1 of each year.
- d) Incremental allocation/reduction of EFBS shall be as follows:
  - 1. Any Supplier whose MDQ crosses a factor of 3,000 Dth/day (herein, threshold) shall receive an allocation/reduction of its EFBS with an MDDQ equal to the proportion of the Company's no-notice balancing service quantity to its firm system design day times the Supplier's threshold (3,000 Dth/day), which will remain effective from the first of the following month in which the threshold was reached until such time as another threshold is reached.

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**SERVICE (Contd.)**

2. For purposes of determining increases to the EFBS bank and MDDQ, the supplier's MDQ must exceed the next threshold by at least 500 Dth per day or exceed the threshold by a lower amount for three (3) consecutive months. For purposes of determining decreases to the EFBS bank and MDDQ, the supplier's MDQ must be at least 500 Dth per day lower than the previous threshold or remain under the previous threshold by a smaller amount for three (3) consecutive months. For situations where the threshold has been either exceeded or decreased as stated in the previous two sentences, measurements shall occur on the 25<sup>th</sup> day of each month, unless such day is not a business day, in which case such measurement shall occur on the next following business day.
  
- e) The Supplier's BCQ ratio to its allocated MDDQ will be equal to the Company's ratio of daily no-notice balancing service quantity to its annual no-notice storage quantity with its storage service provider. The Company's ratio shall be determined on an annual basis. Both the Company's no-notice balancing service quantity and its annual no-notice storage quantity with its storage service providers will be established prior to the notification deadline for selecting EFBS service, and will not be changed within the associated gas year. The Company may adjust those percentages to reflect changes in the Agreement with its storage service provider, which may also necessitate changes in pricing with respect to the service. Any changes to the percentages or prices will be communicated to Suppliers on or before January 1 each year and will become effective to coincide with the Supplier's opportunity to select either FBS or EFBS service as outlined in Rate FRAS.

When initial or incremental EFBS is allocated to a Supplier, or recalled from a Supplier effective on the first day of any month, and the adjusted BCQ causes the Supplier's percent of EFBS bank to BCQ to be outside of the range specified below, then the Supplier must purchase, sell or transfer the required amount of bank so that the percent of EFBS bank to BCQ is within the specified range, within three (3) business days of the first day of the month such change is to become effective.

	<u>Minimum</u>	<u>Maximum</u>
April	0%	25%
May	0%	60%
June	14%	60%
July	34%	60%
August	54%	85%
September	75%	85%
October	88%	98%
November	95%	98%
December	78%	98%
January	59%	98%
February	36%	65%
March	18%	45%

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**SERVICE (Cont'd.)**

1. This designation may require the Supplier to purchase, sell or transfer a specified volume of gas for the Supplier's EFBS bank in one of four ways (as determined by the Supplier, unless Supplier fails to purchase, sell or transfer specified volumes of gas, in which case option A shall be employed): (A) The Supplier may purchase natural gas from the Company, or sell to the Company, a portion of the Company's then current inventory with its storage service provider. The price for the gas purchased or sold by the Supplier for its bank volume shall equal the Company's inventory weighted average cost of gas with its storage service provider, adjusted for fuel to get a price at the burner tip. The Company shall communicate the current inventory weighted average cost of gas to Suppliers. (B) The Supplier can purchase or sell the specified volume of gas from/to another Supplier that receives service under the EFBS, by transferring volumes of gas, provided that the transfer does not increase a Suppliers Bank above the maximum levels as defined in the EFBS tariff or decrease a Suppliers Bank below the minimum for the month. Each supplier involved in the transfer must notify the Company in writing of the amount to be transferred and the date on which the transfer is to be effective. (C) The Supplier can transfer the gas to/from its own or a third parties storage account directly into the Company's storage account through an inter-company storage inventory transfer executed through the storage service provider. The increase or decrease to the Supplier's EFBS bank will be adjusted for fuel to get the increase or decrease at the burner tip. (D) The Supplier can transfer the gas to/from its IT Pool.
  2. Suppliers will be required to pay for or transfer such gas designated for Supplier's BCQ in advance of the third (3<sup>rd</sup>) business day of the month in which service is effective unless other arrangements, acceptable to the Company, have been completed.
- f) Except as specified in h) below, Supplier's EFBS bank shall be increased or decreased by the daily difference between actual natural gas volumes received by the Company at its city gate and Supplier's back-cast Targeted Supply Quantity (TSQ), adjusted for fuel retainage in the following manner:
1. If the Supplier delivers more natural gas than the back-casted TSQ, then the Suppliers EFBS bank shall be increased by the amount of the over-delivery, calculated at the burner tip.
  2. If the Supplier delivers less natural gas than the back-casted TSQ, then the Supplier EFBS bank shall be decreased by the amount of the under-delivery, calculated at the burner tip.
- g) On a day when Supplier's TSQ is greater than or equal to the MDQ, supplier shall have full access to the total MDDQ as specified in the EFBS tariff. The Supplier will not be required to make total deliveries, including the back-casted MDDQ, above the MDQ.
- h) The Company may, at its option, recall EFBS from a Supplier if that Supplier subsequently ceases its participation in the Company's Customer Choice program for any reason. The Company may also recall a proportional amount of the Supplier's gas bank if the Supplier's MDQ decreases below a 3,000 Dth increment (as detailed in subparagraph (d) 1. and (d) 2. above) and the Supplier's gas bank is above the maximum quantity for that month, to become effective on the first day of the following month.

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**SERVICE (Cont'd.)**

1. If the Company recalls EFBS, or the Supplier's MDQ decreases below a 3,000 Dth increment and Supplier does not elect to proceed under subparagraph (i) 2., then the Company shall buy all or a portion of Supplier's gas bank. The price of the gas in the Supplier's bank purchased by the Company shall be the Company's inventory weighted average cost of gas with its storage service provider, adjusted for fuel to get a price at the burner tip.
2. Alternatively, the Supplier can sell or transfer the specified volume of gas as described in subparagraph (f) 1.
3. In circumstances other than those described above, if a Supplier requests termination of EFBS other than at the time of the annual election, the Company may agree to termination at its sole discretion, and will elect to purchase any gas volumes remaining in the Supplier's bank at the above price options.

i) The Maximum Monthly Bank Quantities (MMBQ) shall be limited to the following percentages of Supplier's BCQ:

April	15%	August	18%	December	10%
May	20%	September	13%	January	10%
June	20%	October	9%	February	10%
July	20%	November	5%	March	10%

j) Supplier's Maximum Daily Bank Quantities (MDBQ) shall equal 1/25th of the Supplier's then current MMBQ, except during the months of November and December when the MDBQ shall equal 1/30th of the Supplier's then current MMBQ.

k) A Supplier may have no more than 60% of its BCQ in bank as of June 30, and no more than 85% of its BCQ in bank as of August 31. Quantities in excess of 60% of Supplier's BCQ as of June 30, or 85% of Supplier's BCQ as of August 31, shall not be carried over beyond June 30 or August 31, as applicable, and shall be forfeited by Supplier to the extent that such excess caused TCO to confiscate the Company's gas.

l) The Company shall deliver Supplier's BCQ throughout the year, subject to the limitations set forth. Supplier's MDDQ shall be based upon and limited by Supplier's BCQ inventory remaining in bank determined in accordance with the Company's best estimates as follows:

% of banked gas in BCQ	% of MDDQ
100% to 30%	100%
less than 30% to 20%	80%
less than 20% to 10%	65%
less than 10% to 0%	50%

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**SERVICE (Cont'd.)**

- m) The minimum and maximum monthly net withdrawal quantities for the months November through March shall be as follows:

<u>Month</u>	<u>Minimum % of BCQ</u>	<u>Maximum % of BCQ</u>
November	No minimum	40%
December	No minimum	40%
January	No minimum	40%
February	10%	30%
March	10%	20%

- n) If Supplier exceeds the maximum monthly net withdrawal limit during any of the months November through March, Supplier's maximum monthly net withdrawal quantity for the succeeding month shall be reduced by an amount equal to the excess quantities withdrawn during the excess withdrawal month. Supplier's withdrawals during the months April through October shall not be subject to maximum or minimum withdrawal limits; provided, however, that Supplier's withdrawals during that period shall be subject to the limitations of Supplier's BCQ levels.
- o) Supplier's maximum bank inventory on April 1 shall not exceed 25% of its BCQ. Supplier's maximum bank inventory on February 1 shall not exceed 65% of its BCQ. Quantities in excess of 25% of Supplier's BCQ on April 1, or 65% of Supplier's BCQ on February 1, shall not be carried over beyond April 1 or February 1, as applicable, and shall be forfeited by Supplier to the extent that such excess caused TCO to confiscate the Company's gas.

**BANK TRANSFERS**

- a) Suppliers may transfer volumes of gas held in their banks under the EFBS with other Suppliers receiving service under EFBS. Each supplier involved in the transfer must notify the Company in writing of the amount to be transferred and the date on which the transfer is to be effective.
- b) The transfer must not increase a Suppliers Bank above the maximum levels as defined in the EFBS tariff. Likewise, the transfer must not decrease a Suppliers Bank below the MBQ for the month.

**DELIVERY POINTS**

- a) The point of delivery for all gas tendered to the Company shall be the Company's city gate for EFBS service and, in accordance with the Supplier's FRAS Agreement with the Company, based upon a percentage north/south split. The north/south split for volumes up to the TSQ shall be the same as the split for Suppliers that have elected FBS and system supply. Volumes in excess of the TSQ will be subject to north/south restrictions in accordance with the Company's ability to inject gas per its agreements with the storage service providers.

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#### WAIVER REQUESTS

- a) In regard to the above percentage limitations on withdrawals and injections, the Company shall allow deviations from these limitations to the extent that additional flexibility has been granted to the Company by its storage service providers. Waivers shall be granted by the Company on a non-discriminatory basis.

#### RATE

- a) For all services rendered pursuant to this tariff, Supplier each month shall pay the Company the charges set forth below:
  - 1. Demand Charge: \$11.06, assessed each month on each Dth of the Supplier's MDDQ;
  - 2. Commodity Charge: \$0.045, per Mcf, applied to all monthly consumption of the supplier's aggregate FT-S, FT-L, RFT and RFT-LI services not included in a pool receiving service under Rider FBS.
- b) Rates will be reviewed quarterly and adjusted based on current charges from the Company's storage service providers.

#### NON-COMPLIANCE

- a) If Supplier's EFBS bank is less than zero on any day, then the Supplier shall purchase a quantity of natural gas from the Company sufficient to bring the Suppliers EFBS bank up to the minimum percent listed in Service, section (f) above for the month in which the bank became less than zero. The price shall be 110% of the higher of the inventory weighted average cost of gas with its storage service provider or the highest price at which the company purchased gas for that month plus interstate pipeline fuel, commodity and daily reservation charges.
- b) Except in instances when the Suppliers BCQ has been reduced due to a lower MDQ, if Supplier's EFBS bank is greater than 102% of their BCQ on any day, then the amount in excess of the maximum percent listed in Service section (f) above for the month in which the bank exceeded 102% shall be purchased by the Company for a price equal to 90% of the lower of the inventory weighted average cost of gas with its storage service provider or the lowest price at which the company purchased gas for that month plus interstate pipeline fuel, commodity and daily reservation charges.
- c) Supplier must pay any penalties incurred by the Company from one of its storage service providers that can be attributed to actions by the supplier that do not comply with the EFBS tariff.
- d) The Company may recall EFBS from a supplier for Non Compliance with the EFBS tariff. The Supplier will revert to the FBS at the beginning of the revenue month.

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**RATE IMBS**

**INTERRUPTIBLE MONTHLY BALANCING SERVICE**

**AVAILABILITY**

Interruptible transportation monthly gas balancing service available (1) to customers receiving service under Rate IT who are acting as their own pool for supply management purposes, and (2) to pool operators designated by customers to manage their gas supplies on their behalf, and as a part of an aggregated customer pool. For purposes of this tariff, a pool shall aggregate the requirements of all pool member customers and be treated as a single customer for supply management purposes.

**CHARACTER OF SERVICE**

The service provided under this tariff is a “best efforts,” interruptible, monthly gas balancing service that requires only a general obligation to balance daily pool usage with pool deliveries into the Company’s city gate stations and provides that no daily imbalance charges or penalties will be levied on the pool operators, except on those days when operational flow orders (OFO) have been issued. However, pool operators are under a continuing obligation to work with the Company in a good faith manner to respond to both formal and informal system management requests, and to strive to maintain relative daily balancing on the system throughout the course of the month (i.e., avoid zero and flat nominations and make weekend nominations.) For purposes of this tariff, an “Operational Flow Order” shall be defined as “a directive issued by the Company to a pool operator requiring such pool operator to deliver daily gas quantities into the Company’s designated receipt points in quantities that match their pool’s actual daily measured usage, or in quantities consistent with those requested by the Company, or at specified city gate receipt points as requested by the Company.” OFOs shall be issued for operational reasons only, and not for economic considerations. In the event a pool operator violates this tariff or the aggregation agreement, the Company may assess such a violator for all direct incremental gas supply, capacity, or storage costs incurred due to the violation. In addition, if the violations are part of a pattern of noncompliance or of a magnitude that merits additional action be taken, the Company may take steps to suspend or permanently remove a pool operator from participation upon notice. The Company shall have the right to limit or terminate the availability of this service to pool operators guilty of excessive abuse of the system; i.e., engaging in extreme and/or continued violations of the tariff terms and conditions including this general balancing requirement. For purposes of administering this tariff, the daily and monthly usages of all customers within a pool will be combined into single daily/monthly pool usage number, which will be matched against the pool operator’s total daily/monthly deliveries to its interruptible transportation pool.

**SERVICE DESCRIPTION**

Interruptible transportation customers who avail themselves of the service under this rate schedule must conform to the monthly imbalance carry over tolerance level shown below.

	Allowed Monthly Under-Run	<u>Allowed Seasonal Monthly Over-Run</u>		
	%	May Through November	December Through April	Charge on <u>All Throughput</u>
	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
All Pools	0	8	10	\$0.1222 per Mcf

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### SERVICE DESCRIPTION (Contd.)

Pool operators shall be held to a monthly balancing requirement within the monthly imbalance carry over tolerance level. Pool operators shall be subject to only a general obligation to balance pool requirements and deliveries on a daily basis unless an OFO has been issued.

On days when OFOs have been issued for operational purposes other than to simply affect receipt point changes, pool operators are required to operate on a "gas-in equals gas-out" basis. Any net imbalances on these OFO days may result in unauthorized overrun/underrun charges or penalty charges being levied against the responsible pool operator. Such charges shall be calculated in accordance with the "Charges for Unauthorized Deliveries" provision of Rate IT, Interruptible Transportation Service. In order to minimize daily imbalance charges and penalties on OFO days, as well as end of month imbalance "cash outs," pool operators are encouraged to participate in the Company's inter-pool imbalance trading/transfer opportunities and related electronic bulletin board (EBB) services. Daily imbalance trades/transfer made through the Company's EBB must be completed within four (4) business days from the date that the trade or transfer applies. Monthly imbalance trades to comply with the monthly balancing requirements of Rate IMBS must be made within four (4) business days after the end of the month. The pool or pool operator receiving gas that has been traded or transferred will be billed a fee in accordance with Rate GTS for each transaction.

### NET MONTHLY BILL

Net monthly imbalances will be calculated for billing purposes as the net of:

- a) actual deliveries,
- b) plus or minus imbalance trades,
- c) plus or minus unauthorized daily or monthly OFO overrun/underrun volumes,
- d) plus monthly imbalance carryover,
- e) minus actual metered usage on an aggregated pool basis, as adjusted for unaccounted for gas losses.

The Net Monthly Imbalance percentage will be determined by dividing the net monthly imbalance as measured at the burner tip by the aggregated pool usage for the month.

Pool operators receiving balancing services under this rate schedule shall be subject to the following charges:

- (1) Unauthorized overrun/underrun charges as described above and resulting from pool operator's failure to comply with daily operational flow orders except as provided above.
- (2) End of month "cash out" charges for volumes over/under delivered outside of pool operator's selected Option tolerance levels, as follows:
  - (a) Over-deliveries are defined as monthly deliveries into the Company's city gate stations, plus the prior month's carryover volumes, that exceed the pool's aggregated customer's metered usage for the month as adjusted for shrinkage back to the city gate, and as adjusted for the pool's elected monthly carry over tolerance percentage. Over-deliveries beyond the pool's elected monthly carry over tolerance percentage shall be cashed out to the pool operator at the first of the month index published in *Inside F.E.R.C. Gas Market Report*, "Prices of Spot Gas Delivered to Pipelines," Columbia Gulf Transmission Co.,

### NET MONTHLY BILL (Contd.)

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Mainline Index, first publication of the month following the delivery month, plus Columbia Gulf and Columbia Gas Transmission pipelines' commodity transportation costs, plus fuel, to the Company's city gate. (Note: For actual billing purposes a burner tip rate equivalent to that described above will be applied to the volumes delivered in excess of the elected monthly carry over tolerance percentage, as measured at the burner tip.)

- (b) Under-deliveries are defined as monthly deliveries into the Company's city gate stations, plus the prior month's carryover volumes, that are less than the pool's aggregated customers' metered usage for the month, as adjusted for shrinkage back to the city gate. Under-deliveries shall be cashed out at the first of the month index published in *Inside F.E.R.C. Gas Market Report*, "Prices of Spot Gas Delivered to Pipelines," Columbia Gulf Transmission Co., Mainline Index, first publication of the month following the delivery month, plus Columbia Gulf and Columbia Gas Transmission pipelines' commodity transportation costs, plus fuel, to the Company's city gate. (Note: For actual billing purposes a burner tip rate equivalent to that described above will be applied to the under-delivery volumes, as measured at the burner tip.)

#### **SERVICE REGULATIONS**

The supplying of, and billing for, service and all conditions applying thereto are subject to the jurisdiction of the Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

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**RIDER FBS**

**FIRM BALANCING SERVICE**

**APPLICABILITY**

Applicable to pools served by gas suppliers/aggregators that secure their own total upstream pipeline capacity necessary to meet the aggregated peak day requirements as more fully described under the Assignment of Capacity provision contained in Rate FRAS, Full Requirements Aggregation Service, Sheet No. 44, and that receive service for such pools under Rider FBS rather than Rider EFBS (Enhanced Firm Balancing Service) as more fully described under the Service provision contained in Rider EFBS, Enhanced Firm Balancing Service, Sheet No. 50.

**BALANCING SERVICE CHARGE**

The FBS charge, which will be applied to all monthly consumption of the supplier's aggregate FT and RFT services not included in a pool receiving service under Rider EFBS, is \$0.614 per Mcf.

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