

March 26, 2019

Public Utilities Commission of Ohio Attn: Docketing Division 11th Floor 180 East Broad Street Columbus, OH 43215-3793

> RE: In the Matter of the Application of Duke Energy Ohio, Inc. For Approval To Modify Rider FBS and EFBS.

Case No. 19-27-GA-RDR)) Case No. 89-8002-GA-TRF

Dear Docketing Division:

Enclosed for filing, pursuant to the above referenced cases is the Duke Energy Ohio Rider EFBS, Enhanced Firm Balancing Service Rider and FBS, Firm Balancing Service Rider, which was approved pursuant to the Commission Order dated February 20, 2019. Also enclosed is the revised index.

)

Very truly yours,

Jeff Kern

Enclosures

R:data/wordfiles/JL/Selm/tariff memos

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Addyston	17	Franklin	03
Amberley Village	33	Franklin Twp	03
Anderson Twp	00	Harlan Twp	
Arlington Heights	03	Lebanon	64
Blue Ash	30		51
Cheviot	04	Lemon Twp	
Cincinnati	04	Liberty Twp	
Clermont County	96	Madison Twp	
Cleves	18	Maineville	00
Colerain Twp	10	Mason	06
Columbia Township	55	Miami Twp (Montgomery Co.)	40
Crosby Two	55	Middletown	42
Crosby Twp Deer Park	05	Monroe	40
Delhi Townshin	05	Montgomery Cty	94
Delhi Township	70	New Miami	
Elmwood Place	06	Springboro	45
Evendale	40	St. Clair Twp	
Fairfax	41	Trenton	52
Forest Park	20	Turtle Creek Twp	
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Mariemont	09	Bentonville	
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Montgomery	24	Blanchester	63
Mt. Healthy	10	Brown County	98
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Union Twp. (Clermont Co.).....

<u>Division and Town Names</u> <u>Division No. 4 (Oxford)</u>	Town <u>No.</u>	<u>Division No. 6 (Harrison)</u>	Town <u>No.</u>
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Division No. 5 (Fairfield)		Harrison	01
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Fairifield	09	Division No. 7 (Loveland)	
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Hamilton	03	Hamilton County	91
Hamilton County	91	Loveland (Clermont County)	11
Hanover Twp		Loveland (Hamilton County)	09
Millville	08	Mason	06
New Miami	01	Morrow	07
Seven Mile	02	South Lebanon	05
Union Twp. (Butler Co.)		Warren County	02
Warren County	92		

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:
 - 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:
 - 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.

SERVICE (Contd.)

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- 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 25th 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 nonotice 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 nonotice 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>	Maximum
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. 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. (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 (3rd) 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 Company's city gate, plus the current KO Transmission fuel retainage and minus the current Columbia Gas Transmission SST and FSS fuel retainage.
 - 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 Company's city gate, plus the current Columbia Gas Transmission SST fuel retainage.
- 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.

SERVICE (Cont'd.)

- 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.
- 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	20%	December	10%
May	20%	September	13%	January	10%
June	20%	October	7%	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.
- 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%

Filed pursuant to an Order dated February 20, 2019 in Case No. 19-27-GA-RDR before the Public Utilities Commission of Ohio.

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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>	Minimum % _of BCQ_	Maximum % of BCQ
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.
- 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 shall not be carried over beyond April 1.

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 nondiscriminatory basis.

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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: \$7.07, assessed each month on each Dth of the Supplier's MDDQ;
 - Commodity Charge: \$0.027, 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.

Filed pursuant to an Order dated February 20, 2019 in Case No. 19-27-GA-RDR before the Public Utilities Commission of Ohio.

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 \$0.192 per Mcf.

Filed pursuant to an Order dated February 20, 2019 in Case No. 19-27-GA-RDR before the Public Utilities Commission of Ohio.

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in

Case No(s). 89-8002-GA-TRF, 19-0027-GA-RDR

Summary: Tariff Duke Energy Ohio EFBS and FBS April 2019 electronically filed by Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Lee, Julie Ann Mrs. and Jeff Kern