Line	Description	Source	Amount	Projected Volume (CCF)	Unit Rate (\$/CCF)
1	Actual Uncollectible Tracker Balance through March 31, 2017 (a)	Page 2	\$924,801	Page 4	
2	Projected Bad Debt April 1, 2017 - March 31, 2018	Page 3	\$2,737,637		
3	Unrecovered Uncollectible Expenses through March 31, 2018	Line 1 + Line 2	\$3,662,438	509,691,152	\$0.007186
4	Current Uncollectible Rider Rate	See Note (b)			\$0.007706
5	Increase/(Decrease) in Total Uncollectible Expense Rate	Line 3 - Line 4			(\$0.000520)
6	Percentage Difference in Recovery of Uncollectible Expenses				-7%
					<u>_</u>

(a) Actual uncollectible expense less amounts recovered in base rates and Rider UE-G plus carrying charges

(b) Rate approved in Case No. 16-318-GA-UEX; effective August 1, 2016

Duke Energy Ohio Gas Uncollectibles Tracker Balance

			2016 Actual										2017 Actual			
Line		Source	April	May	June	July	August	September	October	November	December	January	February	March		
1	Unrecovered Balance - Beginning of Month	Ending Balance Prior Month	\$1,180,038	\$1,174,316	\$1,295,252	\$1,554,456	\$1,977,147	\$2,272,867	\$2,536,619	\$2,702,914	\$2,756,282	\$2,394,950	\$1,795,730	\$1,338,661		
2	Bad Debts Written Off - Net of Customer Recoveries	Gross/Net Write Off Report	\$162,027	\$210,424	\$320,835	\$465,547	\$374,704	\$346,846	\$260,546	\$240,107	\$178,780	\$136,568	\$102,366	\$54,115	\$2,852,865	
3	Recovery - Base Rates	See Note (a)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4	Recovery - Uncollectible Rider	See Note (b)	(\$173,898)	(\$94,891)	(\$68,478)	(\$51,341)	(\$89,195)	(\$94,650)	(\$106,840)	(\$199,856)	(\$552,489)	(\$745,857)	(\$566,966)	(\$473,414)	(\$3,217,876	
5	Recovery - Other Adjustments	See Note (c)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
6	Incremental Bad Debt	Lines (2)+(3)+(4)+(5)	(\$11,872)	\$115,533	\$252,357	\$414,205	\$285,509	\$252,196	\$153,706	\$40,251	(\$373,709)	(\$609,289)	(\$464,600)	(\$419,298)		
7	Balance Sub-Total	Line (1) + Line (6)	\$1,168,166	\$1,289,849	\$1,547,609	\$1,968,661	\$2,262,655	\$2,525,063	\$2,690,325	\$2,743,165	\$2,382,573	\$1,785,661	\$1,331,130	\$919,362		
8	Carrying Charges	Lines [((1)+(7))/(2)] * (Line 10)	\$6,150	\$5,403	\$6,847	\$8,485	\$10,212	\$11,556	\$12,589	\$13,117	\$12,377	\$10,069	\$7,531	\$5,438	\$109,774	
9	Unrecovered Balance - End of Month	Line (7) + Line (8)	\$1,174,316	\$1,295,252	\$1,554,456	\$1,977,147	\$2,272,867	\$2,536,619	\$2,702,914	\$2,756,282	\$2,394,950	\$1,795,730	\$1,338,661	\$924,801		
10	Monthly Carrying Charge rate	See Note (d)	0.52380%	0.43850%	0.48170%	0.48170%	0.48170%	0.48170%	0.48170%	0.48170%	0.48170%	0.48170%	0.48170%	0.48170%		

(a) Uncollectible expense was removed from base rates effective December 1, 2009 per Order in Case No. 09-773-GA-UEX
(b) Rate approved in Case No. 16-318-GA-UEX effective August 1, 2016
(c) Not applicable at this time
(d) Source: Treasury
Rates for July 2016 - March 2017 are the same as June 2016
due to \$0 borrowing in those months.

Per Merger Order Case No. 05-732-EL-MER, carrying charge rate should be short term debt rate authorized in last distribution rate case. Since no short term debt in authorized capital structure, used money pool rate.

ATTACHMENT-1 PAGE 2

Duke Energy Ohio Gas Projected Bad Debt Expense for Upcoming Twelve Months

		2017 PROJECTED											2018 PROJECTED			
Line		Source	April		Мау	June	July	August	September	October	November	December	Jan	Feb	Mar	Total
1	Unrecovered Balance - Beginning of Month	Ending Balance Prior Month	\$924	4,801	\$793,115	\$908,391	\$1,243,834	\$1,800,502	\$2,234,479	\$2,708,805	\$3,057,100	\$3,358,896	\$3,541,336	\$3,627,126	\$3,666,514	
2	Bad Debts Written Off - Net of Customer Recoveries	Projection	\$22	7,182	\$295,014	\$449,699	\$652,835	\$525,426	\$486,306	\$365,358	\$336,646	\$250,510	\$183,213	\$135,066	\$71,483	
3	Recovery - Base Rates	See Note (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4	Recovery - Uncollectible Rider	See Note (b)	(\$358	8,867)	(\$179,738)	(\$114,256)	(\$96,167)	(\$91,450)	(\$11,979)	(\$17,063)	(\$34,851)	(\$68,070)	(\$97,423)	(\$95,678)	(\$75,559)	
5	Recovery - Other Adjustments	See Note (c)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
6	Incremental Bad Debt	Lines (2)+(3)+(4)+(5)	\$ (13 ⁻	1,685) \$	115,276 \$	335,443 \$	556,668	\$ 433,976	\$ 474,327	\$ 348,295	\$ 301,795	5 182,440	\$ 85,790 \$	\$ 39,388 \$	(4,076)	\$ 2,737,637 To Page 1
7	Balance Sub-Total	Line (1) + Line (6)	\$793	3,115	\$908,391	\$1,243,834	\$1,800,502	\$2,234,479	\$2,708,805	\$3,057,100	\$3,358,896	\$3,541,336	\$3,627,126	\$3,666,514	\$3,662,438	TO Page 1
8	Carrying Charges	Lines [((1)+(7))/(2)] * (Line 10)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
9	Unrecovered Balance - End of Month	Line (7) + Line (8)	\$793	3,115	\$908,391	\$1,243,834	\$1,800,502	\$2,234,479	\$2,708,805	\$3,057,100	\$3,358,896	\$3,541,336	\$3,627,126	\$3,666,514	\$3,662,438	

(a) Uncollectible expense was removed from base rates effective December 1, 2009 per Order in Case No. 09-773-GA-UEX
(b) Uncollectible rider is currently \$0.007706 per CCF
(c) Not applicable at this time

ATTACHMENT-1 PAGE 3

Duke Energy Ohio Gas Revenue Collected for Uncollectible Expense

		Г					Dr	ojected 12 Months	Ended March 2019	•				I	Total Thru
Line	Description	Source	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Mar-18
	·		-	-			-	-							
	CCF Sales														
1	Residential (RS)	Load Forecasting	12,228,148	5,203,461	2,781,375	2,097,331	1,861,903	1,945,791	3,278,150	8,550,010	18,282,081	27,195,735	26,926,192	20,759,176	131,109,353
2	General Service (GS)	Load Forecasting	5,186,900	2,905,860	2,008,010	1,764,540	1,730,840	1,709,430	2,311,290	4,112,750	7,439,920	10,303,930	10,039,770	8,095,510	57,608,750
3	Total Sales Service		17,415,048	8,109,321	4,789,385	3,861,871	3,592,743	3,655,221	5,589,440	12,662,760	25,722,001	37,499,665	36,965,962	28,854,686	188,718,103
4	Residential Transportation (RFT)	Load Forecasting	12,187,455	5,186,145	2,772,119	2,090,352	1,855,707	1,939,316	3,267,242	8,521,557	18,221,243	27,105,233	26,836,587	20,690,094	130,673,050
5	Firm Transportation (FT)	Load Forecasting	16,941,720	10,003,310	7,239,790	6,501,780	6,393,890	6,358,630	8,181,150	13,640,990	24,097,370	32,791,220	31,850,770	25,989,170	189,989,790
6	Interruptible Transportation (IT)	Load Forecasting	15,294,860	15,416,880	13,610,530	13,515,970	13,430,420	13,352,920	14,702,800	16,571,110	17,132,670	20,104,700	18,751,030	18,037,510	189,921,400
7	Total Transportation Service		44,424,035	30,606,335	23,622,439	22,108,102	21,680,017	21,650,866	26,151,192	38,733,657	59,451,283	80,001,153	77,438,387	64,716,774	510,584,240
	Other														
8	Interdepartmental	Load Forecasting	272,655	189,398	152,692	144,650	144,547	145,375	348,216	256,990	394,297	505,258	241,845	389,318	3,185,241
9	Street Lighting	Load Forecasting	25,648	25,674	25,595	25,456	24,997	26,155	25,194	25,389	29,413	26,389	24,970	25,329	310,209
10	Total Other		298,303	215,072	178,287	170,106	169,544	171,530	373,410	282,379	423,710	531,647	266,815	414,647	3,495,450
11	Total Throughput	Line 3 + Line 7 + Line 10	62,137,386	38,930,728	28,590,111	26,140,079	25,442,304	25,477,617	32,114,042	51,678,796	85,596,994	118,032,465	114,671,164	93,986,107	702,797,793
	Exclude CCF Sales not eligible for Uncollectible														
12	Interruptible Transportation (IT)	Line 6	(15,294,860)	(15,416,880)	(13,610,530)	(13,515,970)	(13,430,420)	(13,352,920)	(14,702,800)	(16,571,110)	(17,132,670)	(20,104,700)	(18,751,030)	(18,037,510)	(189,921,400)
13	Interdepartmental	Line 8	(272,655)	(189,398)	(152,692)	(144,650)	(144,547)	(145,375)	(348,216)	(256,990)	(394,297)	(505,258)	(241,845)	(389,318)	(3,185,241)
14	Total Sales Excluded from Uncollectible	-	(15,567,515)	(15,606,278)	(13,763,222)	(13,660,620)	(13,574,967)	(13,498,295)	(15,051,016)	(16,828,100)	(17,526,967)	(20,609,958)	(18,992,875)	(18,426,828)	(193,106,641)
15	Total CCF Sales Recovering Uncollectible Expense	Line 11 + Line 14	46,569,871	23,324,450	14,826,889	12,479,459	11,867,337	11,979,322	17,063,026	34,850,696	68,070,027	97,422,507	95,678,289	75,559,279	509,691,152 Page 1