

Formula Rate calculation

Rate Formula Template  
Utilizing Attachment O Data

Attachment GG - Generic Company  
For the 12 months ended 12/31/2016

Northern Indiana Public Service Company

Page 1 of 2

To be completed in conjunction with Attachment O.

Line No.	(1)	(2) Attachment O Page, Line, Col.	(3) Transmission	(4) Allocator
1	Gross Transmission Plant - Total	Attach O, p 2, line 2 col 5 (Note A)	1,172,721,156	
2	Net Transmission Plant - Total	Attach O, p 2, line 14 and 23b col 5 (Note B)	701,966,753	
<b>O&amp;M EXPENSE</b>				
3	Total O&M Allocated to Transmission	Attach O, p 3, line 8 col 5	45,707,324	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1 col 3)	3.90%	3.90%
<b>GENERAL AND COMMON (G&amp;C) DEPRECIATION EXPENSE</b>				
5	Total G&C Depreciation Expense	Attach O, p 3, lines 10 & 11, col 5 (Note H)	6,345,743	
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1 col 3)	0.54%	0.54%
<b>TAXES OTHER THAN INCOME TAXES</b>				
7	Total Other Taxes	Attach O, p 3, line 20 col 5	4,800,958	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	0.41%	0.41%
<b>9</b>	<b>Annual Allocation Factor for Expense</b>	<b>Sum of line 4, 6, and 8</b>		<b>4.85%</b>
<b>INCOME TAXES</b>				
10	Total Income Taxes	Attach O, p 3, line 27 col 5	25,853,038	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2 col 3)	3.68%	3.68%
<b>RETURN</b>				
12	Return on Rate Base	Attach O, p 3, line 28 col 5	54,818,740	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2 col 3)	7.81%	7.81%
<b>14</b>	<b>Annual Allocation Factor for Return</b>	<b>Sum of line 11 and 13</b>		<b>11.49%</b>

Northern Indiana Public Service Company

Network Upgrade Charge Calculation By Project

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Network Upgrade Charge
		(Note C)	(Page 1 line 9)	(Page 1 line 9)	(Col. 3 * Col. 4)	(Note D)	(Page 1 line 14)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11 (Note G)
1a	MTEP07	612	\$ 5,786,830	4.85%	\$ 280,548	\$ 4,648,651	11.49%	\$ 534,235	\$ 163,512	\$ 978,295	\$ (25,275)	\$ 953,020
1b	MTEP08	1551	\$ 4,422,573	4.85%	\$ 214,408	\$ 3,448,690	11.49%	\$ 396,332	\$ 122,236	\$ 732,976	\$ (19,389)	\$ 713,587
1c	MTEP07	1615 GIP	\$ 2,075,151	4.85%	\$ 100,604	\$ 1,615,799	11.49%	\$ 185,692	\$ 59,586	\$ 345,882	\$ (9,192)	\$ 336,690
1d	MTEP11	2322	\$ 9,263,742	4.85%	\$ 449,110	\$ 7,946,601	11.49%	\$ 913,243	\$ 260,705	\$ 1,623,058	\$ (34,757)	\$ 1,588,301
2	Annual Totals									\$ 3,680,212	\$ (88,613)	\$ 3,591,599
3	Rev. Req. Adj For Attachment O									\$ 3,680,212		

Note Letter

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment O and includes any sub lines 2a or 2b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment O and includes any sub lines 14a or 14b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base less any prefunded AFUDC, if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O page 3 line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable.
- G The Network Upgrade Charge is the value to be used in Schedules 26, 37 and 38.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 9.

**Attachment GG - Supporting Data for Network Upgrade Charge Calculation - Forward Looking Rate Transmission Owner**

Rate Year **2016**

Reporting Company **Northern Indiana Public Service Company**

MTEP Project ID Pricing Zone	Allocation Type Per Attachment FF	612	1551	1615 GIP	2322						
		East - NIPS Reliability	East Reliability	East - NIPS GIP	East Reliability						
Gross Plant Column (3)	December 2015	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	January 2016	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
	February	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
	March	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
	April	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
	May	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
	June	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
	July	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
	August	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
	September	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
	October	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
	November	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
	December 2016	\$ 5,786,829.80	\$ 4,422,572.79	\$ 2,075,151.03	\$ 9,263,742.13	0.00	0.00	0.00	0.00	0.00	0.00
<b>13 Month Average</b>		<b>\$ 5,786,829.80</b>	<b>\$ 4,422,572.79</b>	<b>\$ 2,075,151.03</b>	<b>\$ 9,263,742.13</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

Accumulated Depreciation	December 2015	\$ 1,054,917.46	\$ 912,092.20	\$ 428,976.42	\$ 1,184,385.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	January 2016	\$ 1,068,905.96	\$ 922,440.54	\$ 434,082.11	\$ 1,206,689.44	0.00	0.00	0.00	0.00	0.00	0.00
	February	\$ 1,082,894.46	\$ 932,788.87	\$ 439,187.80	\$ 1,228,993.40	0.00	0.00	0.00	0.00	0.00	0.00
	March	\$ 1,096,882.96	\$ 943,137.20	\$ 444,293.49	\$ 1,251,297.36	0.00	0.00	0.00	0.00	0.00	0.00
	April	\$ 1,110,871.45	\$ 953,485.54	\$ 449,399.18	\$ 1,273,601.33	0.00	0.00	0.00	0.00	0.00	0.00
	May	\$ 1,124,859.95	\$ 963,833.87	\$ 454,504.87	\$ 1,295,905.29	0.00	0.00	0.00	0.00	0.00	0.00
	June	\$ 1,138,848.45	\$ 974,182.20	\$ 459,610.55	\$ 1,318,209.25	0.00	0.00	0.00	0.00	0.00	0.00
	July	\$ 1,152,836.94	\$ 984,530.54	\$ 464,716.24	\$ 1,340,513.21	0.00	0.00	0.00	0.00	0.00	0.00
	August	\$ 1,166,825.44	\$ 994,878.87	\$ 469,821.93	\$ 1,362,817.18	0.00	0.00	0.00	0.00	0.00	0.00
	September	\$ 1,180,813.94	\$ 1,005,227.21	\$ 474,927.62	\$ 1,385,121.14	0.00	0.00	0.00	0.00	0.00	0.00
	October	\$ 1,193,352.56	\$ 1,014,927.57	\$ 479,472.57	\$ 1,405,110.91	0.00	0.00	0.00	0.00	0.00	0.00
	November	\$ 1,205,891.18	\$ 1,024,627.93	\$ 484,017.51	\$ 1,425,100.67	0.00	0.00	0.00	0.00	0.00	0.00
	December 2016	\$ 1,218,429.79	\$ 1,034,328.29	\$ 488,562.46	\$ 1,445,090.44	0.00	0.00	0.00	0.00	0.00	0.00
<b>13 Month Average</b>		<b>\$ 1,138,179.27</b>	<b>\$ 973,883.14</b>	<b>\$ 459,351.75</b>	<b>\$ 1,317,141.16</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

Net Plant Column (6)	December 2015	\$ 4,731,912.34	\$ 3,510,480.59	\$ 1,646,174.61	\$ 8,079,356.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	January 2016	\$ 4,717,923.84	\$ 3,500,132.25	\$ 1,641,068.92	\$ 8,057,052.69	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	February	\$ 4,703,935.34	\$ 3,489,783.92	\$ 1,635,963.23	\$ 8,034,748.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	March	\$ 4,689,946.84	\$ 3,479,435.59	\$ 1,630,857.54	\$ 8,012,444.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	April	\$ 4,675,958.35	\$ 3,469,087.25	\$ 1,625,751.85	\$ 7,990,140.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	May	\$ 4,661,969.85	\$ 3,458,738.92	\$ 1,620,646.16	\$ 7,967,836.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	June	\$ 4,647,981.35	\$ 3,448,390.59	\$ 1,615,540.48	\$ 7,945,532.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	July	\$ 4,633,992.86	\$ 3,438,042.25	\$ 1,610,434.79	\$ 7,923,228.92	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	August	\$ 4,620,004.36	\$ 3,427,693.92	\$ 1,605,329.10	\$ 7,900,924.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	September	\$ 4,606,015.86	\$ 3,417,345.58	\$ 1,600,223.41	\$ 7,878,620.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	October	\$ 4,593,477.24	\$ 3,407,645.22	\$ 1,595,678.46	\$ 7,858,631.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	November	\$ 4,580,938.62	\$ 3,397,944.86	\$ 1,591,133.52	\$ 7,838,641.46	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	December 2016	\$ 4,568,400.01	\$ 3,388,244.50	\$ 1,586,588.57	\$ 7,818,651.69	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>13 Month Average</b>		<b>\$ 4,648,650.53</b>	<b>\$ 3,448,689.65</b>	<b>\$ 1,615,799.28</b>	<b>\$ 7,946,600.97</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

Depreciation Expense Column (9)	Project Depreciation Expense	\$ 163,512.33	\$ 122,236.09	\$ 59,586.04	\$ 260,704.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Project Amortization Expense					0.00	0.00	0.00	0.00	0.00	0.00
<b>Depreciation Expense Total</b>		<b>\$ 163,512.33</b>	<b>\$ 122,236.09</b>	<b>\$ 59,586.04</b>	<b>\$ 260,704.97</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

