

FILED
March 15, 2019
INDIANA UTILITY
REGULATORY COMMISSION

Workpaper Depr 1-S1-R
Page [.1]

Northern Indiana Public Service Company LLC
Pro forma Adjustment to Depreciation and Amortization Expense
Twelve Months Ending June 30, 2019

This pro forma adjustment increases the twelve months ended December 31, 2017 depreciation expense to reflect rate base growth and implement the new depreciation rates per the depreciation study, and removes depreciation related to non jurisdictional electric assets.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	2017 Actual Depreciation Expense		\$ 249,030,238	[.2]
2	2018 Depreciation Expense			
3	Increase/(Decrease) in Historical Base Period 2017 to Forward 2018 Period	Depr 1-S1-R-18	(6,084,313)	
4	Forecasted Jan-Dec 2018		\$ 242,945,925	[.2]
5	2019 Depreciation Expense			
6	Increase/(Decrease) in Forward 2018 Period to Forward 2019 Test Year	Depr 1-S1-R-19	3,861,312	
7	Forecasted twelve months ended Jun 2019		\$ 246,807,237	[.2]
8	<u>Ratemaking Adjustments</u>			
9	2019 Ratemaking per new depreciation study	Depr 1A-S1-R-19R	55,929,266	[.2]
10	2019 Ratemaking to remove non jurisdictional depreciation expense	Depr 1B-S1-R-19R	(14,833,736)	[.7]
11	Rebuttal True Up	Depr 1C-S1-R-19R	(2,426,855)	[.2]
12	2019 Ratemaking Increase/(Decrease)	Depr 1-S1-R-19R	\$ 38,668,675	
13	2019 Ratemaking Depreciation Expense		\$ 285,475,912	[.2]

Workpaper Depr 1-S1-R
Page [.2]

Northern Indiana Public Service Company LLC
Electric Plant Depreciation Expense Summary

Line No.	Description	2017 Actuals	2018 Forecasted	June 30, 2019 Forecasted	June 30, 2019 Ratemaking	Increase due to New Rates	Rebuttal True Up
	A	B	C	D	E	F = E - D	G
1	Electric Asset Depreciation	<u>\$ 249,030,238</u> [.1] [.3]	<u>\$ 242,945,925</u> [.1] [.4]	<u>\$ 246,807,237</u> [.1] [.5]	\$ 302,736,503 [.6]	\$ 55,929,266 [.1]	\$ (2,081,459) [.6]
2	Remove MVP				(14,833,736) [.7]		(345,396) [.7]
3	Rebuttal True Up				(2,426,855) A [.1]		<u>\$ (2,426,855)</u> A
4	Rebuttal 2019 Ratemaking				<u>\$ 285,475,912</u> [.1]		

Workpaper Depr 1-S1-R
Page [.3]

Northern Indiana Public Service Company LLC
Electric Plant Depreciation Expense
Account 40300000 - Power Plant and TDSIC
Twelve Months Ended December 31, 2017

Line No.	Segment	Account	Description	January	February	March	April	May	June	July	August	September	October	November	December	Twelve Months Ended December 31, 2017
1	E	40300000	Electric Asset Depreciat	\$ 17,288,435	\$ 16,818,185	\$ 17,282,370	\$ 17,329,734	\$ 17,336,155	\$ 17,330,037	\$ 17,334,978	\$ 17,347,041	\$ 17,521,568	\$ 17,590,180	\$ 17,602,801	\$ 17,626,733	\$ 208,408,217
2	E	40300000	EERM Tracker	\$ 4,963,845	\$ 4,470,809	\$ 4,844,843	\$ 4,576,516	\$ 2,913,484	\$ 3,581,619	\$ 3,784,361	\$ 3,455,130	\$ 3,255,372	\$ 3,158,344	\$ 558,171	\$ 1,273,950	\$ 40,836,443
3	E	40300000	FMCA Tracker	\$ (5,794)	\$ (6,633)	\$ (6,214)	\$ (6,183)	\$ (6,503)	\$ (7,463)	\$ (8,169)	\$ (4,708)	\$ (4,386)	\$ (3,994)	\$ (4,046)	\$ (4,516)	\$ (68,610)
4	E	40300000	TDSIC Tracker	(592,404)	-	102	81	121	375	335	4,863	8,381	4,515	214,756	213,063	(145,812)
5		Depreciation Expense - Electric Assets		<u>\$ 21,654,083</u>	<u>\$ 21,282,361</u>	<u>\$ 22,121,101</u>	<u>\$ 21,900,147</u>	<u>\$ 20,243,257</u>	<u>\$ 20,904,568</u>	<u>\$ 21,111,505</u>	<u>\$ 20,802,326</u>	<u>\$ 20,780,935</u>	<u>\$ 20,749,045</u>	<u>\$ 18,371,682</u>	<u>\$ 19,109,230</u>	<u>\$ 249,030,238</u> [.2]

Northern Indiana Public Service Company LLC
Calculation of 2018 Depreciation Expense - 2018 Original Cost Gross Plant at 2016 Depreciation Rates
Twelve Months Ending December 31, 2018

Workpaper Depr 1-S1-R
Page [4]

Line No.	FERC Account	ACCOUNT	ANNUAL ACCRUAL RATE 2016	Dec. 31, 2018 ORIGINAL COST	2018 ANNUAL ACCRUAL \$ @ 2016 RATES E = C X D
	A	B	C	D	E
1		STEAM PRODUCTION PLANT			
2	31100	Structures And Improvements	2.61%	\$ 667,219,937	\$ 17,414,440
3	31210	Boiler Plant Equipment	3.86%	1,476,438,470	56,990,525
4	31220	Boiler Plant - Mobile Fuel Handling/Storage	3.28%	24,309,389	797,348
5	31230	Boiler Plant - Unit Train Coal Cars	4.60%	4,081,850	187,765
6	31240	Boiler Plant - So2 Plant Equipment	5.49%	719,556,387	39,503,646
7	31250	Boiler Plant - Coal Pile Base	0.66%	5,011,130	33,073
8	31400	Turbo-Generator Units	2.93%	495,113,128	14,506,815
9	31500	Accessory Electric Equipment	2.78%	316,574,618	8,800,774
10	31600	Miscellaneous Power Plant Equipment	2.84%	46,020,410	1,306,980
11		HYDRO PLANT			
12	33100	Structures And Improvements	3.14%	28,714,497	901,635
13	33200	Reservoirs, Dams And Waterways	4.12%	18,536,217	763,692
14	33300	Water Wheels, Turbines & Generators	2.89%	7,508,929	217,008
15	33400	Accessory Electric Equipment	3.56%	1,887,743	67,204
16	33500	Miscellaneous Power Plant Equipment	5.04%	780,510	39,338
17		GAS TURBINE PLANT			
18	34100	Structures And Improvements	2.15%	14,216,239	305,649
19	34200	Fuel Holders, Products And Accessories	0.45%	12,308,972	55,390
20	34300	Prime Movers	2.33%	92,169,099	2,147,540
21	34400	Generators	3.15%	45,548,047	1,434,763
22	34500	Accessory Electric Equipment	3.26%	37,905,512	1,235,720
23	34600	Miscellaneous Power Plant Equipment	2.82%	5,063,701	142,796
24		TRANSMISSION PLANT			
25	35020	Land Rights	0.88%	15,454,749	136,002
26	35020	Land Rights -Non Jurisdictional	0.88%	57,718,201	507,920
27	35200	Structures And Improvements	2.23%	42,725,105	952,770
28	35200	Structures And Improvements -Non Jurisdictional	2.23%	16,066,494	358,283
29	35300	Station Equipment	2.59%	605,124,617	15,672,728
30	35300	Station Equipment -Non Jurisdictional	2.59%	169,937,706	4,401,387
31	35400	Towers And Fixtures	0.52%	95,418,425	496,176
32	35400	Towers And Fixtures -Non Jurisdictional	0.52%	31,275,771	162,634
33	35500	Poles And Fixtures	2.81%	183,141,132	5,146,266
34	35500	Poles And Fixtures -Non Jurisdictional	2.81%	187,709,760	5,274,644
35	35600	Overhead Conductors And Devices	1.56%	176,445,435	2,752,549
36	35600	Overhead Conductors And Devices -Non Jurisdictional	1.56%	92,604,782	1,444,635
37	35700	Underground Conduit	2.27%	742,186	16,848
38	35800	Underground Conductors And Devices	3.20%	2,959,748	94,712
39	35900	Roads And Trails	0.65%	76,548	498
40		DISTRIBUTION PLANT			
41	36020	Land Rights	1.17%	1,252,941	14,659
42	36100	Structures And Improvements	1.86%	13,114,381	243,927
43	36200	Station Equipment	2.41%	346,986,840	8,362,383
44	36410	Overhead Services	3.64%	52,662,066	1,916,899
45	36420	Underground Services	4.29%	369,565,515	15,854,361
46	36500	Overhead Conductors And Devices	2.35%	269,283,702	6,328,167
47	36600	Underground Conduit	1.36%	5,953,452	80,967
48	36700	Underground Conductors & Devices	2.51%	382,957,724	9,612,239
49	36800	Line Transformers	1.70%	276,931,644	4,707,838
50	36910	Overhead Services	0.26%	43,383,909	112,798

Northern Indiana Public Service Company LLC
Calculation of 2018 Depreciation Expense - 2018 Original Cost Gross Plant at 2016 Depreciation Rates
Twelve Months Ending December 31, 2018

Workpaper Depr 1-S1-R
Page [4]

Line No.	FERC Account	ACCOUNT	ANNUAL ACCRUAL RATE 2016	Dec. 31, 2018 ORIGINAL COST	2018 ANNUAL ACCRUAL \$ @ 2016 RATES
	A	B	C	D	E = C X D
51	36920	Underground Services	0.77%	190,100,516	1,463,774
52	37010	Customer Metering Stations	2.20%	18,150,908	399,320
53	37020	Meters	8.62%	60,666,241	5,229,430
54	37100	Installations On Customers' Premises	5.18%	8,370,411	433,587
55	37300	Street Lighting And Signal Systems	3.55%	53,328,660	1,893,167

Northern Indiana Public Service Company LLC
Calculation of 2018 Depreciation Expense - 2018 Original Cost Gross Plant at 2016 Depreciation Rates
Twelve Months Ending December 31, 2018

Workpaper Depr 1-S1-R
Page [4]

Line No.	FERC Account	ACCOUNT	ANNUAL ACCRUAL RATE 2016	Dec. 31, 2018 ORIGINAL COST	2018 ANNUAL ACCRUAL \$ @ 2016 RATES
	A	B	C	D	E = C X D
56		GENERAL PLANT			
57	39000	Structures And Improvements	2.05%	18,387,804	376,950
58	39110	Office Furniture And Equipment	4.31%	4,362,319	188,016
59	39120	Computers And Peripheral Equipment	1.30%	12,964,899	168,544
60	39300	Stores Equipment	2.91%	970,570	28,244
61	39400	Tools, Shop And Garage Equipment	2.94%	19,684,687	578,730
62	39500	Laboratory Equipment	2.02%	7,438,803	150,264
63	39700	Communication Equipment	4.88%	8,274,021	403,772
64	39800	Miscellaneous Equipment	5.29%	2,414,699	127,738
65		Total Depreciable Plant		\$ 7,863,572,154	\$ 242,945,925
66		NON DEPRECIABLE			
67	30200	Franchises And Consents	0.00%	\$ 1,404	\$ -
68	31010	Land And Land Rights	0.00%	5,184,880	-
69	33010	Land And Land Rights	0.00%	23,690	-
70	34020	Land Rights	0.00%	1,019,204	-
71	35010	Land	0.00%	17,478,780	-
72	35010	Land -Non Jurisdictional	0.00%	1,997,828	-
73	36010	Land	0.00%	2,945,568	-
74	38910	Land And Land Rights	0.00%	17,592	-
75	38920	Land And Land Rights	0.00%	106,030	-
76		ACCOUNTS NOT STUDIED			
77	39210	Transportation Equipment - Autos	0.00%	-	-
78	39220	Transportation Equipment - Trailers	0.00%	1,525,044	-
79	39230	Transportation Equipment - Trucks < 13,000	0.00%	368,920	-
80	39240	Transportation Equipment - Trucks > 13,000	0.00%	563,010	-
81	39600	Power Operated Equipment	0.00%	3,921,942	-
82		Total Electric Plant		\$ 7,898,726,047	\$ 242,945,925 [2]

Northern Indiana Public Service Company LLC
Calculation of 2019 Depreciation Expense - 2019 Original Cost Gross Plant at 2016 Depreciation Rates
Twelve Months Ending June 30, 2019

Workpaper Depr 1-S1-R
Page [5]

Line No.	FERC Account	ACCOUNT	ANNUAL ACCRUAL RATE 2016	June 30, 2019 ORIGINAL COST	2019 ANNUAL ACCRUAL \$ @ 2016 RATES E = C X D
1		STEAM PRODUCTION PLANT			
2	31100	Structures And Improvements	2.61%	\$ 676,907,020	\$ 17,667,273
3	31210	Boiler Plant Equipment	3.86%	1,489,063,115	57,477,836
4	31220	Boiler Plant - Mobile Fuel Handling/Storage	3.28%	24,481,253	802,985
5	31230	Boiler Plant - Unit Train Coal Cars	4.60%	4,091,477	188,208
6	31240	Boiler Plant - So2 Plant Equipment	5.49%	724,609,167	39,781,043
7	31250	Boiler Plant - Coal Pile Base	0.66%	5,049,985	33,330
8	31400	Turbo-Generator Units	2.93%	498,997,385	14,620,623
9	31500	Accessory Electric Equipment	2.78%	318,910,666	8,865,717
10	31600	Miscellaneous Power Plant Equipment	2.84%	46,375,586	1,317,067
11		HYDRO PLANT			
12	33100	Structures And Improvements	3.14%	28,714,497	901,635
13	33200	Reservoirs, Dams And Waterways	4.12%	18,536,217	763,692
14	33300	Water Wheels, Turbines & Generators	2.89%	7,508,929	217,008
15	33400	Accessory Electric Equipment	3.56%	1,887,743	67,204
16	33500	Miscellaneous Power Plant Equipment	5.04%	780,510	39,338
17		GAS TURBINE PLANT			
18	34100	Structures And Improvements	2.15%	14,349,226	308,508
19	34200	Fuel Holders, Products And Accessories	0.45%	12,416,894	55,876
20	34300	Prime Movers	2.33%	92,963,562	2,166,051
21	34400	Generators	3.15%	45,943,844	1,447,231
22	34500	Accessory Electric Equipment	3.26%	38,234,835	1,246,456
23	34600	Miscellaneous Power Plant Equipment	2.82%	5,113,611	144,204
24		TRANSMISSION PLANT			
25	35020	Land Rights	0.88%	16,522,853	145,401
26	35020	Land Rights -Non Jurisdictional	0.88%	57,718,201	507,920
27	35200	Structures And Improvements	2.23%	42,725,105	952,770
28	35200	Structures And Improvements -Non Jurisdictional	2.23%	16,066,494	358,283
29	35300	Station Equipment	2.59%	624,919,731	16,185,421
30	35300	Station Equipment -Non Jurisdictional	2.59%	169,937,706	4,401,387
31	35400	Towers And Fixtures	0.52%	97,461,790	506,801
32	35400	Towers And Fixtures -Non Jurisdictional	0.52%	31,275,771	162,634
33	35500	Poles And Fixtures	2.81%	183,629,697	5,159,994
34	35500	Poles And Fixtures -Non Jurisdictional	2.81%	187,709,760	5,274,644
35	35600	Overhead Conductors And Devices	1.56%	186,556,803	2,910,286
36	35600	Overhead Conductors And Devices -Non Jurisdictional	1.56%	92,604,782	1,444,635
37	35700	Underground Conduit	2.27%	742,186	16,848
38	35800	Underground Conductors And Devices	3.20%	2,959,748	94,712
39	35900	Roads And Trails	0.65%	76,548	498
40		DISTRIBUTION PLANT			
41	36020	Land Rights	1.17%	1,309,676	15,323
42	36100	Structures And Improvements	1.86%	13,114,381	243,927
43	36200	Station Equipment	2.41%	375,465,017	9,048,707
44	36410	Overhead Services	3.64%	59,703,382	2,173,203
45	36420	Underground Services	4.29%	369,565,515	15,854,361
46	36500	Overhead Conductors And Devices	2.35%	296,049,023	6,957,152
47	36600	Underground Conduit	1.36%	5,953,452	80,967
48	36700	Underground Conductors & Devices	2.51%	393,464,764	9,875,966
49	36800	Line Transformers	1.70%	276,931,644	4,707,838
50	36910	Overhead Services	0.26%	43,383,909	112,798

Northern Indiana Public Service Company LLC
Calculation of 2019 Depreciation Expense - 2019 Original Cost Gross Plant at 2016 Depreciation Rates
Twelve Months Ending June 30, 2019

Workpaper Depr 1-S1-R
Page [5]

Line No.	FERC Account	ACCOUNT	ANNUAL ACCRUAL RATE 2016	June 30, 2019 ORIGINAL COST	2019 ANNUAL ACCRUAL \$ @ 2016 RATES
	A	B	C	D	E = C X D
51	36920	Underground Services	0.77%	190,100,516	1,463,774
52	37010	Customer Metering Stations	2.20%	18,150,908	399,320
53	37020	Meters	8.62%	60,666,241	5,229,430
54	37100	Installations On Customers' Premises	5.18%	8,370,411	433,587
55	37300	Street Lighting And Signal Systems	3.55%	55,028,191	1,953,501

Northern Indiana Public Service Company LLC
Calculation of 2019 Depreciation Expense - 2019 Original Cost Gross Plant at 2016 Depreciation Rates
Twelve Months Ending June 30, 2019

Workpaper Depr 1-S1-R
Page [5]

Line No.	FERC Account	ACCOUNT	ANNUAL ACCRUAL RATE 2016	June 30, 2019 ORIGINAL COST	2019 ANNUAL ACCRUAL \$ @ 2016 RATES
	A	B	C	D	E = C X D
56		GENERAL PLANT			
57	39000	Structures And Improvements	2.05%	18,387,804	376,950
58	39110	Office Furniture And Equipment	4.31%	4,362,319	188,016
59	39120	Computers And Peripheral Equipment	1.30%	13,088,578	170,152
60	39300	Stores Equipment	2.91%	970,570	28,244
61	39400	Tools, Shop And Garage Equipment	2.94%	19,684,687	578,730
62	39500	Laboratory Equipment	2.02%	7,438,803	150,264
63	39700	Communication Equipment	4.88%	8,274,021	403,772
64	39800	Miscellaneous Equipment	5.29%	2,414,699	127,738
65	39120Amort	ACCOUNT 391.2 RESERVE AMORTIZATION	0.00%	-	-
66		Total Depreciable Plant		\$ 8,007,721,206	\$ 246,807,237
67		NON DEPRECIABLE			
68	30200	Franchises And Consents	0.00%	\$ 1,404	\$ -
69	31010	Land And Land Rights	0.00%	5,184,880	-
70	33010	Land And Land Rights	0.00%	23,874	-
71	34020	Land Rights	0.00%	1,027,107	-
72	35010	Land	0.00%	17,478,780	-
73	35010	Land -Non Jurisdictional	0.00%	1,997,828	-
74	36010	Land	0.00%	2,945,568	-
75	38910	Land And Land Rights	0.00%	17,592	-
76	38920	Land And Land Rights	0.00%	106,030	-
77		ACCOUNTS NOT STUDIED			
78	39210	Transportation Equipment - Autos	0.00%	-	-
79	39220	Transportation Equipment - Trailers	0.00%	1,525,044	-
80	39230	Transportation Equipment - Trucks < 13,000	0.00%	368,920	-
81	39240	Transportation Equipment - Trucks > 13,000	0.00%	563,010	-
82	39600	Power Operated Equipment	0.00%	3,921,942	-
83		Total Electric Plant		\$ 8,042,883,186	\$ 246,807,237 [.2]

Northern Indiana Public Service Company LLC

Workpaper Depr 1-S1-R

Calculation of 2019 Depreciation Expense - 2019 Original Cost Gross Plant at 2019 Depreciation Rates
Twelve Months Ending June 30, 2019

Page [6]

Line No.	FERC Account	ACCOUNT	ANNUAL ACCRUAL RATE 2019	AS FILED June 30, 2019 ORIGINAL COST	AS FILED 2019 ANNUAL ACCRUAL \$ @ 2019 RATES E = C X D	REBUTTAL June 30, 2019 ORIGINAL COST	REBUTTAL 2019 ANNUAL ACCRUAL \$ @ 2019 RATES G = C X F	INCREASE / DECREASE H = G - E
	A	B	C	D	E = C X D	F	G = C X F	H = G - E
1		STEAM PRODUCTION PLANT						
2	31100	Structures And Improvements	3.65%	\$ 676,907,020	\$ 24,707,106	\$ 670,661,655	\$ 24,479,150	\$ (227,956)
3	31210	Boiler Plant Equipment	4.47%	1,489,063,115	66,561,121	1,447,051,496	64,683,202	(1,877,919)
4	31220	Boiler Plant - Mobile Fuel Handling/Storage	3.89%	24,481,253	952,321	24,436,567	950,582	(1,738)
5	31230	Boiler Plant - Unit Train Coal Cars	0.00%	4,091,477	-	3,882,354	-	-
6	31240	Boiler Plant - So2 Plant Equipment	7.19%	724,609,167	52,099,399	709,365,856	51,003,405	(1,095,994)
7	31250	Boiler Plant - Coal Pile Base	0.00%	5,049,985	-	4,933,772	-	-
8	31400	Turbo-Generator Units	3.69%	498,997,385	18,413,004	490,321,120	18,092,849	(320,154)
9	31500	Accessory Electric Equipment	2.96%	318,910,666	9,439,756	309,632,621	9,165,126	(274,630)
10	31600	Miscellaneous Power Plant Equipment	4.12%	46,375,586	1,910,674	46,081,011	1,898,538	(12,137)
11		HYDRO PLANT						
12	33100	Structures And Improvements	5.14%	28,714,497	1,475,925	28,689,328	1,474,631	(1,294)
13	33200	Reservoirs, Dams And Waterways	4.32%	18,536,217	800,765	18,313,604	791,148	(9,617)
14	33300	Water Wheels, Turbines & Generators	2.62%	7,508,929	196,734	8,571,844	224,582	27,848
15	33400	Accessory Electric Equipment	3.88%	1,887,743	73,244	1,889,874	73,327	83
16	33500	Miscellaneous Power Plant Equipment	4.61%	780,510	35,982	774,549	35,707	(275)
17		GAS TURBINE PLANT						
18	34100	Structures And Improvements	2.05%	14,349,226	294,159	16,714,338	342,644	48,485
19	34200	Fuel Holders, Products And Accessories	1.24%	12,416,894	153,969	12,107,792	150,137	(3,833)
20	34300	Prime Movers	13.87%	92,963,562	12,894,046	98,580,332	13,673,092	779,046
21	34400	Generators	5.52%	45,943,844	2,536,100	46,354,789	2,558,784	22,684
22	34500	Accessory Electric Equipment	2.45%	38,234,835	936,753	37,403,441	916,384	(20,369)
23	34600	Miscellaneous Power Plant Equipment	3.63%	5,113,611	185,624	5,871,981	213,153	27,529
24		TRANSMISSION PLANT						
25	35020	Land Rights	1.40%	16,522,853	231,320	17,857,790	250,009	18,689
26	35020	Land Rights -Non Jurisdictional	1.40%	57,718,201	808,055	56,531,304	791,438	(16,617)
27	35200	Structures And Improvements	1.59%	42,725,105	679,329	44,753,240	711,577	32,247
28	35200	Structures And Improvements -Non Jurisdictional	1.59%	16,066,494	255,457	22,298,295	354,543	99,086
29	35300	Station Equipment	2.75%	624,919,731	17,185,293	618,831,106	17,017,855	(167,437)
30	35300	Station Equipment -Non Jurisdictional	2.75%	169,937,706	4,673,287	159,642,881	4,390,179	(283,108)
31	35400	Towers And Fixtures	1.45%	97,461,790	1,413,196	96,415,681	1,398,027	(15,169)
32	35400	Towers And Fixtures -Non Jurisdictional	1.45%	31,275,771	453,499	33,823,486	490,441	36,942
33	35500	Poles And Fixtures	3.47%	183,629,697	6,371,950	194,801,788	6,759,622	387,672
34	35500	Poles And Fixtures -Non Jurisdictional	3.47%	187,709,760	6,513,529	198,998,022	6,905,231	391,703
35	35600	Overhead Conductors And Devices	2.30%	186,556,803	4,290,806	165,472,806	3,805,875	(484,932)
36	35600	Overhead Conductors And Devices -Non Jurisdictional	2.30%	92,604,782	2,129,910	97,687,749	2,246,818	116,908
37	35700	Underground Conduit	0.22%	742,186	1,633	742,645	1,634	1
38	35800	Underground Conductors And Devices	2.55%	2,959,748	75,474	3,107,435	79,240	3,766
39	35900	Roads And Trails	0.45%	76,548	344	76,149	343	(2)
40		DISTRIBUTION PLANT						
41	36020	Land Rights	1.56%	1,309,676	20,431	935,956	14,601	(5,830)
42	36100	Structures And Improvements	1.52%	13,114,381	199,339	13,534,969	205,732	6,393
43	36200	Station Equipment	2.77%	375,465,017	10,400,381	355,552,553	9,848,806	(551,575)
44	36410	Overhead Services	4.17%	59,703,382	2,489,631	47,365,391	1,975,137	(514,494)
45	36420	Underground Services	3.77%	369,565,515	13,932,620	390,131,708	14,707,965	775,345
46	36500	Overhead Conductors And Devices	3.37%	296,049,023	9,976,852	276,285,406	9,310,818	(666,034)
47	36600	Underground Conduit	1.56%	5,953,452	92,874	5,043,382	78,677	(14,197)
48	36700	Underground Conductors & Devices	2.99%	393,464,764	11,764,596	404,272,420	12,087,745	323,149
49	36800	Line Transformers	2.17%	276,931,644	6,009,417	285,078,031	6,186,193	176,777
50	36910	Overhead Services	0.86%	43,383,909	373,102	44,014,469	378,524	5,423
51	36920	Underground Services	1.04%	190,100,516	1,977,045	198,984,205	2,069,436	92,390
52	37010	Customer Metering Stations	1.90%	18,150,908	344,867	17,823,547	338,647	(6,220)
53	37020	Meters	7.40%	60,666,241	4,489,302	61,198,885	4,528,717	39,416
54	37100	Installations On Customers' Premises	4.05%	8,370,411	339,002	8,359,304	338,552	(450)
55	37300	Street Lighting And Signal Systems	4.73%	55,028,191	2,602,833	50,397,093	2,383,783	(219,051)

Northern Indiana Public Service Company LLC
Calculation of 2019 Depreciation Expense - 2019 Original Cost Gross Plant at 2019 Depreciation Rates
Twelve Months Ending June 30, 2019

Workpaper Depr 1-S1-R
Page [6]

Line No.	FERC Account	ACCOUNT	ANNUAL ACCRUAL RATE 2019	AS FILED June 30, 2019 ORIGINAL COST	AS FILED 2019 ANNUAL ACCRUAL \$ @ 2019 RATES E = C X D	REBUTTAL June 30, 2019 ORIGINAL COST	REBUTTAL 2019 ANNUAL ACCRUAL \$ @ 2019 RATES G = C X F	INCREASE / DECREASE H = G - E
56		GENERAL PLANT						
57	39000	Structures And Improvements	1.69%	18,387,804	310,754	19,773,189	334,167	23,413
58	39110	Office Furniture And Equipment	4.01%	4,362,319	174,929	4,286,394	171,884	(3,045)
59	39120	Computers And Peripheral Equipment	35.04%	13,088,578	4,586,238	16,205,641	5,678,457	1,092,219
60	39120	Computers And Peripheral Equipment -Non Jurisdic	35.04%	-	-	932	327	327
61	39300	Stores Equipment	1.53%	970,570	14,850	954,031	14,597	(253)
62	39400	Tools, Shop And Garage Equipment	3.08%	19,684,687	606,288	21,147,417	651,340	45,052
63	39500	Laboratory Equipment	1.37%	7,438,803	101,912	7,110,212	97,410	(4,502)
64	39700	Communication Equipment	0.78%	8,274,021	64,537	29,308,568	228,607	164,069
65	39700	Communication Equipment -Non Jurisdictional	0.78%	-	-	19,834	155	155
66	39800	Miscellaneous Equipment	4.76%	2,414,699	114,940	2,006,185	95,494	(19,445)
67	39120Amort	ACCOUNT 391.2 RESERVE AMORTIZATION	0.00%	-	(7,000,000)	-	(7,000,000)	-
68		Total Depreciable Plant		\$ 8,007,721,206	\$ 302,736,503	\$ 7,952,468,423	\$ 300,655,044	\$ (2,081,459)
69		NON DEPRECIABLE						
70	30200	Franchises And Consents	0.00%	\$ 1,404	\$ -	\$ 1,393	\$ -	\$ -
71	31010	Land And Land Rights	0.00%	5,184,880	-	5,350,413	-	-
72	33010	Land And Land Rights	0.00%	23,874	-	23,325	-	-
73	34020	Land Rights	0.00%	1,027,107	-	1,056,641	-	-
74	35010	Land	0.00%	17,478,780	-	17,382,580	-	-
75	35010	Land -Non Jurisdictional	0.00%	1,997,828	-	1,843,155	-	-
76	36010	Land	0.00%	2,945,568	-	2,951,111	-	-
77	38910	Land And Land Rights	0.00%	17,592	-	16,896	-	-
78	38920	Land And Land Rights	0.00%	106,030	-	106,307	-	-
79		ACCOUNTS NOT STUDIED						
80	39210	Transportation Equipment - Autos	0.00%	-	-	24,294	-	-
81	39220	Transportation Equipment - Trailers	0.00%	1,525,044	-	1,513,944	-	-
82	39230	Transportation Equipment - Trucks < 13,000	0.00%	368,920	-	386,486	-	-
83	39240	Transportation Equipment - Trucks > 13,000	0.00%	563,010	-	567,751	-	-
84	39600	Power Operated Equipment	0.00%	3,921,942	-	3,615,236	-	-
85		Total Electric Plant		\$ 8,042,883,186	\$ 302,736,503	\$ 7,987,307,954	\$ 300,655,044	\$ (2,081,459)
					[.2]			[.2]

Northern Indiana Public Service Company LLC
Calculation of Non Jurisdictional Depreciation Expense - 2019 Original Cost Gross Plant at 2019 Depreciation Rates
Twelve Months Ending June 30, 2019

Workpaper Depr 1-S1-R
Page [.7]

Line No.	FERC Account	ACCOUNT	ANNUAL	AS FILED	AS FILED	REBUTTAL	REBUTTAL	INCREASE / DECREASE
			ACCRUAL RATE 2019	June 30, 2019 ORIGINAL COST	2019 ANNUAL ACCRUAL \$ @ 2019 RATES E = C X D	June 30, 2019 ORIGINAL COST F	2019 ANNUAL ACCRUAL \$ @ 2019 RATES G = C X F	
	A	B	C	D				H = G - E
1		Non Jurisdictional Transmission Plant						
2	35010	Land -Non Jurisdictional	0.00%	\$ 1,997,828	\$ -	\$ 1,843,155	\$ -	\$ -
3	35020	Land Rights -Non Jurisdictional	1.40%	57,718,201	808,055	56,531,304	791,438	(16,617)
4	35200	Structures And Improvements -Non Jurisdictional	1.59%	16,066,494	255,457	22,298,295	354,543	99,086
5	35300	Station Equipment -Non Jurisdictional	2.75%	169,937,706	4,673,287	159,642,881	4,390,179	(283,108)
6	35400	Towers And Fixtures -Non Jurisdictional	1.45%	31,275,771	453,499	33,823,486	490,441	36,942
7	35500	Poles And Fixtures -Non Jurisdictional	3.47%	187,709,760	6,513,529	198,998,022	6,905,231	391,703
8	35600	Overhead Conductors And Devices -Non Jurisdictional	2.30%	92,604,782	2,129,910	97,687,749	2,246,818	116,908
9	39120	Computers And Peripheral Equipment	35.04%	-	-	932	327	327
10	39700	Communication Equipment	0.78%	-	-	19,834	155	155
9		Total Electric Plant		\$ 557,310,542	\$ 14,833,736	\$ 570,845,659	\$ 15,179,132	\$ 345,396
					[.2], [.1]			[.2]

Workpaper Depr 2-S1-R
Page [.1]

Northern Indiana Public Service Company LLC
Pro forma Adjustment to Depreciation and Amortization Expense
Twelve Months Ending June 30, 2019

This pro forma adjustment decreases the twelve months ended December 31, 2017 common allocated to electric depreciation expense to reflect rate base growth and implement the new depreciation rates per the common depreciation study.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	2017 Actual Common Depreciation Expense		\$ 5,422,380	[.2]
2	2018 Common Depreciation Expense			
3	Increase/(Decrease) in Historical Base Period 2017 to Forward 2018 Period	Depr 2-S1-R-18	1,182,178	
4	Forecasted Jan-Dec 2018		\$ 6,604,558	[.2]
5	2019 Common Depreciation Expense			
6	Increase/(Decrease) in Forward 2018 Period to Forward 2019 Test Year	Depr 2-S1-R-19	22,085	
7	Forecasted twelve months ending Jun 2019		\$ 6,626,643	[.2]
8	<u>Ratemaking Adjustments</u>			
9	2019 Ratemaking Increase/(Decrease)	Depr 2A-S1-R-19R	(3,982,349)	[.2]
10	Rebuttal True Up	Depr 2B-S1-R-19R	(366,828)	[.2]
11	2019 Ratemaking Increase/(Decrease)	Depr 2-S1-R-19R	\$ (4,349,177)	
12	2019 Ratemaking Common Depreciation Expense		\$ 2,277,466	[.2]

Workpaper Depr 2-S1-R
Page [.2]

Northern Indiana Public Service Company LLC
Electric Common Depreciation Expense Summary
December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	Description	2017 Actuals		2018 Forecasted		June 30, 2019 Forecasted		2019 Rate Making Adjustment		June 30, 2019 Ratemaking
	A	B		C		D		E = F - D		F
1	Electric Asset Depreciation	\$ 5,422,380	[.1] [.3]	\$ 6,604,558	[.1] [.4]	\$ 6,626,643	[.1] [.5]	\$ (3,982,349)	[.1]	\$ 2,644,294 [.6]
2	Rebuttal True Up									(366,828) [.1] [.6]
3	Rebuttal 2019 Ratemaking									<u>\$ 2,277,466 [.1] [.6]</u>

Northern Indiana Public Service Company LLC
Electric Common Depreciation Expense
Account 40300000
Twelve Months Ended December 31, 2017

Line No.	Segment	Account	Description	January	February	March	April	May	June	July	August	September	October	November	December	Twelve Months Ended December 31, 2017
1	C	40300000	Common Asset Depreciation	\$ 578,663	\$ 578,862	\$ 585,056	\$ 596,200	\$ 596,359	\$ 598,273	\$ 599,492	\$ 600,934	\$ 602,348	\$ 629,564	\$ 573,787	\$ 573,805	\$ 7,113,343
2			Depreciation Expense - Common Assets	\$ 578,663	\$ 578,862	\$ 585,056	\$ 596,200	\$ 596,359	\$ 598,273	\$ 599,492	\$ 600,934	\$ 602,348	\$ 629,564	\$ 573,787	\$ 573,805	\$ 7,113,343
3			Actual Electric Allocation %	76.78%	75.81%	75.81%	75.81%	75.81%	75.81%	75.81%	76.62%	76.62%	76.62%	76.62%	76.62%	
4	E		Electric Depreciation Expense	\$ 444,297	\$ 438,835	\$ 443,531	\$ 451,979	\$ 452,100	\$ 453,550	\$ 454,475	\$ 460,435	\$ 461,519	\$ 482,372	\$ 439,635	\$ 439,650	\$ 5,422,380

[.2]

Northern Indiana Public Service Company LLC

Calculation of 2018 Common Electric Depreciation Expense at 2016 Depreciation Rates

Twelve Months Ending December 31, 2018

Workpaper Depr 2-S1-R

Page [.4]

Line No.	FERC Account	ACCOUNT	ANNUAL ACCRUAL RATE 2016	Electric Allocation of Dec. 31, 2018 ORIGINAL COST	2018 ANNUAL ACCRUAL \$ @ 2016 RATES
	A	B	C	D	E - C X D
1		Total Common Plant			
2	30100	Organization, Common	0.00%	\$ 98,328	\$ -
3	38910	Land, Common	0.00%	1,609,910	-
4	38920	Land Rights, Common	0.00%	24,267	-
5	38930	Indiana Rights Of Way, Common	0.00%	4,849,168	-
6	39000	Structures & Improvement, Com	3.00%	72,013,227	2,160,397
7	39010	Struct Leased To Others, Com	3.00%	-	-
8	39110	Office Furniture & Equip, Com	0.67%	5,834,587	39,092
9	39120	Computer Equipment, Common	12.06%	15,563,752	1,876,988
10	39210	Trns Eq - Autos, Common	0.00%	45,487	-
11	39220	Trns Eq - Trailers, Common	6.34%	127,342	8,073
12	39230	Trns Eq - Truck < 13000, Com	0.00%	-	-
13	39240	Trns Eq - Truck > 13000, Com	0.00%	149,507	-
14	39280	Trns Eq - Helicopter, Common	0.00%	179,293	-
15	39300	Stores Equipment, Common	4.47%	2,090,436	93,442
16	39400	Tools, Shop, Garage Eq, Com	3.70%	5,218,662	193,090
17	39500	Laboratory Equipment, Common	11.12%	844,595	93,919
18	39600	Power Operated Equip, Common	0.00%	548,146	-
19	39700	Communication Equip, Common	7.48%	9,862,143	737,688
20	39710	Communication Equip, Common	7.48%	4,472,061	334,510
21	39720	Microwave Equipment, Common	7.48%	12,856,488	961,665
22	39800	Com Miscellaneous Equip	4.51%	2,343,495	105,692
23		Total Common Plant		\$ 138,730,892	\$ 6,604,558 [.2]

Northern Indiana Public Service Company LLC

Calculation of 2019 Common Electric Depreciation Expense at 2016 Depreciation Rates

Twelve Months Ending June 30, 2019

Workpaper Depr 2-S1-R

Page [.5]

Line No.	FERC Account	ACCOUNT	ANNUAL ACCRUAL RATE 2016	Electric Allocation of June 30, 2019 ORIGINAL COST	2019 ANNUAL ACCRUAL \$ @ 2016 RATES
	A	B	C	D	E - C X D
1		Total Common Plant			
2	30100	Organization, Common	0.00%	\$ 98,328	\$ -
3	38910	Land, Common	0.00%	1,609,910	-
4	38920	Land Rights, Common	0.00%	24,267	-
5	38930	Indiana Rights Of Way, Common	0.00%	4,849,168	-
6	39000	Structures & Improvement, Com	3.00%	72,081,685	2,162,451
7	39010	Struct Leased To Others, Com	3.00%	-	-
8	39110	Office Furniture & Equip, Com	0.67%	6,277,916	42,062
9	39120	Computer Equipment, Common	12.06%	15,563,752	1,876,988
10	39210	Trns Eq - Autos, Common	0.00%	61,292	-
11	39220	Trns Eq - Trailers, Common	6.34%	127,342	8,073
12	39230	Trns Eq - Truck < 13000, Com	0.00%	-	-
13	39240	Trns Eq - Truck > 13000, Com	0.00%	149,507	-
14	39280	Trns Eq - Helicopter, Common	0.00%	179,293	-
15	39300	Stores Equipment, Common	4.47%	2,090,554	93,448
16	39400	Tools, Shop, Garage Eq, Com	3.70%	5,394,905	199,611
17	39500	Laboratory Equipment, Common	11.12%	884,029	98,304
18	39600	Power Operated Equip, Common	0.00%	548,594	-
19	39700	Communication Equip, Common	7.48%	9,940,891	743,579
20	39710	Communication Equip, Common	7.48%	4,472,061	334,510
21	39720	Microwave Equipment, Common	7.48%	12,856,488	961,665
22	39800	Com Miscellaneous Equip	4.51%	2,349,244	105,951
23		Total Common Plant		\$ 139,559,224	\$ 6,626,643 [.2]

Northern Indiana Public Service Company LLC
Calculation of 2019 Common Electric Depreciation Expense at 2019 Depreciation Rates
Twelve Months Ending June 30, 2019

Line No.	FERC Account	ACCOUNT	ANNUAL ACCRUAL RATE 2019	AS FILED Electric Allocation of June 30, 2019 ORIGINAL COST	AS FILED 2019 ANNUAL ACCRUAL \$ @ 2019 RATES
	A	B	C	D	E - C X D
1		Total Common Plant			
2	30100	Organization, Common	0.00%	\$ 98,328	\$ -
3	38910	Land, Common	0.00%	1,609,910	-
4	38920	Land Rights, Common	0.00%	24,267	-
5	38930	Indiana Rights Of Way, Common	0.00%	4,849,168	-
6	39000	Structures & Improvement, Com	1.77%	72,081,685	1,275,846
7	39010	Struct Leased To Others, Com	0.00%	-	-
8	39110	Office Furniture & Equip, Com	3.79%	6,277,916	237,933
9	39120	Computer Equipment, Common	1.36%	15,563,752	211,667
10	39210	Trns Eq - Autos, Common	0.00%	61,292	-
11	39220	Trns Eq - Trailers, Common	6.34%	127,342	8,073
12	39230	Trns Eq - Truck < 13000, Com	0.00%	-	-
13	39240	Trns Eq - Truck > 13000, Com	0.00%	149,507	-
14	39280	Trns Eq - Helicopter, Common	0.00%	179,293	-
15	39300	Stores Equipment, Common	4.72%	2,090,554	98,674
16	39400	Tools, Shop, Garage Eq, Com	1.22%	5,394,905	65,818
17	39500	Laboratory Equipment, Common	1.12%	884,029	9,901
18	39600	Power Operated Equip, Common	0.00%	548,594	-
19	39700	Communication Equip, Common	2.51%	9,940,891	249,516
20	39710	Communication Equip, Common	2.51%	4,472,061	112,249
21	39720	Microwave Equipment, Common	2.51%	12,856,488	322,698
22	39800	Com Miscellaneous Equip	2.21%	2,349,244	51,918
23		Total Common Plant		\$ 139,559,224	\$ 2,644,294

[.2]

Northern Indiana Public Service Company LLC
Pro forma Adjustment to Depreciation and Amortization Expense
Twelve Months Ending June 30, 2019

This pro forma adjusts the twelve months ended December 31, 2017 test year electric amortization expense to reflect annualized amortization expense as of June 30, 2019.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	2017 Actuals Electric Amortization Expense		\$ 1,563,412	[.2]
2	2018 Forecasted Electric Amortization Expense			
3	Increase/(Decrease) in Historical Base Period 2017 to Forward 2018 Period	AMTZ 1-S1-R-18	72,857	
4	Electric Amortization Expense - Forecasted Jan-Dec 2018		\$ 1,636,269	[.3]
5	2019 Forecasted Electric Amortization Expense			
6	Increase/(Decrease) in Forward 2018 Period to Forward 2019 Test Year	AMTZ 1-S1-R-19	(22,388)	
7	Electric Amortization Expense - Forecasted twelve months ended Jun 2019		\$ 1,613,881	[.3]
8	2019 Ratemaking Electric Amortization Expense			
9	<u>Ratemaking Adjustments</u>			
10	Pro forma to annualize Amortization Expense	AMTZ 1A-S1-R-19R	(29,960)	[.3]
11	Rebuttal True Up	AMTZ 1B-S1-R-19R	2,043,131	[.3]
12	2019 Ratemaking Increase / (Decrease)	AMTZ 1-S1-R-19R	\$ 2,013,171	
13	2019 Ratemaking Electric Amortization Expense		\$ 3,627,052	[.3]

Northern Indiana Public Service Company LLC
2017 Electric Common Assets Amortization Expense Actuals
Twelve Months Ended December 31, 2017

Line No.	Account A	Description B	2017												Twelve Months Ended Dec. 31, 2017	
			January C	February D	March E	April F	May G	June H	July I	August J	September K	October L	November M	December N	O = C through N	
1	40400000	Amortization Exp Ele and Com	\$ 119,749	\$ 111,342	\$ 111,149	\$ 111,328	\$ 143,324	\$ 122,948	\$ 122,948	\$ 122,948	\$ 153,915	\$ 128,890	\$ 162,991	\$ 151,879	\$ 1,563,412	
2		TOTAL Electric Amortization Expense	\$ 119,749	\$ 111,342	\$ 111,149	\$ 111,328	\$ 143,324	\$ 122,948	\$ 122,948	\$ 122,948	\$ 153,915	\$ 128,890	\$ 162,991	\$ 151,879	\$ 1,563,412	

[.1]

Line No.	FERC Account	Intangible Account	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	6/30/2018	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018	Total 2018 Amortization
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O = C through N
1	303E	ELECTRIC ASSET - INTANGIBLES	\$ 140,491	\$ 141,050	\$ 141,486	\$ 141,767	\$ 132,277	\$ 132,413	\$ 132,931	\$ 133,517	\$ 133,853	\$ 134,332	\$ 134,991	\$ 137,025	\$ 1,636,132
2	390.2E	ELECTRIC ASSET - LEASEHOLDS	2	4	5	6	8	11	12	14	15	17	19	25	138
3		TOTAL INTANGIBLE AMORTIZATION EXPENSE	\$ 140,493	\$ 141,054	\$ 141,491	\$ 141,773	\$ 132,285	\$ 132,423	\$ 132,943	\$ 133,531	\$ 133,868	\$ 134,348	\$ 135,009	\$ 137,050	\$ 1,636,269

Line No.	FERC Account	Utility Plant		7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	Twelve Months Ended June 30, 2019 O = C through N	As Filed Expense based on 6/30/19 Gross Plant P = N
	A	B		C	D	E	F	G	H	I	J	K	L	M	N		
4	303E	ELECTRIC ASSET - INTANGIBLES	\$	132,931	\$ 133,517	\$ 133,853	\$ 134,332	\$ 134,991	\$ 137,025	\$ 137,025	\$ 137,025	\$ 137,025	\$ 131,969	\$ 131,969	\$ 131,969	\$ 1,613,630	\$ 131,969
5	390.2E	ELECTRIC ASSET - LEASEHOLDS		12	14	15	17	19	25	25	25	25	25	25	25	251	\$ 25
6	AS FILED - TOTAL INTANGIBLE AMORTIZATION EXPENSE		\$	132,943	\$ 133,531	\$ 133,868	\$ 134,348	\$ 135,009	\$ 137,050	\$ 137,050	\$ 137,050	\$ 137,050	\$ 131,993	\$ 131,993	\$ 131,993	\$ 1,613,881	[1] \$ 131,993
7	As Filed - Total June 2019 expense multiplied by 12 months																\$ 1,583,921 A
8	Ratemaking Adjustment (Column P Line 7 - Column O Line 6)																\$ (29,960) [1]
Line No.	FERC Account	Utility Plant		7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	Twelve Months Ended June 30, 2019 O = C through N	Rebuttal Expense based on 6/30/19 Gross Plant P = N
	A	B		C	D	E	F	G	H	I	J	K	L	M	N		
9	303E	ELECTRIC ASSET - INTANGIBLES	\$	194,576	\$ 180,134	\$ 206,897	\$ 195,036	\$ 194,408	\$ 289,352	\$ 239,666	\$ 253,134	\$ 263,640	\$ 265,372	\$ 277,221	\$ 299,847	\$ 2,859,283	\$ 299,847
10	390.2E	ELECTRIC ASSET - LEASEHOLDS		2,404	2,404	2,404	2,404	2,404	2,404	2,402	2,403	2,404	2,405	2,406	2,407	28,850	\$ 2,407
11	REBUTTAL - TOTAL INTANGIBLE AMORTIZATION EXPENSE		\$	196,979	\$ 182,538	\$ 209,301	\$ 197,440	\$ 196,812	\$ 291,756	\$ 242,068	\$ 255,537	\$ 266,044	\$ 267,777	\$ 279,627	\$ 302,254	\$ 2,888,133	\$ 302,254
12	Rebuttal - Total June 2019 expense multiplied by 12 months																\$ 3,627,052 B, [1]
Rebuttal True Up																\$ 2,043,131 B - A, [1]	

Northern Indiana Public Service Company LLC
Pro forma Adjustment to Depreciation and Amortization Expense
Twelve Months Ending June 30, 2019

This pro forma adjusts the twelve months ended December 31, 2017 test year common amortization expense allocated to electric to reflect annualized amortization expense as of June 30, 2019, and increases June 30, 2019 expense to account for amortization expense related to cloud based prepaid asset amortization.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	2017 Actuals Electric Common Amortization Expense		\$ 9,584,726	[.2]
2	2018 Forecasted Electric Common Amortization Expense			
3	Increase/(Decrease) in Historical Base Period 2017 to Forward 2018 Period	AMTZ 2-S1-R-18	1,335,684	
4	Electric Common Amortization Expense - Forecasted Jan-Dec 2018		\$ 10,920,410	[.3]
5	2019 Forecasted Electric Common Amortization Expense			
6	Increase/(Decrease) in Forward 2018 Period to Forward 2019 Test Year	AMTZ 2-S1-R-19	1,280,909	
7	Electric Amortization Expense - Forecasted twelve months ended Jun 2019		\$ 12,201,319	[.3]
8	2019 Ratemaking Electric Common Amortization Expense			
9	<u>Ratemaking Adjustments</u>			
10	Pro forma to annualize Amortization Expense	AMTZ 2A-S1-R-19R	1,171,230	[.3]
11	Pro forma to increase Amortization Expense for Cloud Computing Prepaid Asset	AMTZ 2B-S1-R-19R	331,003	[.4]
12	Rebuttal True Up	AMTZ 2C-S1-R-19R	(2,889,899)	[.3]
13	2019 Ratemaking Increase / (Decrease)	AMTZ 2-S1-R-19R	\$ (1,387,666)	
14	2019 Ratemaking Electric Common Amortization Expense		\$ 10,813,653	

Northern Indiana Public Service Company LLC
2017 Electric Allocated Common Assets Amortization Expense Actuals
Twelve Months Ended December 31, 2017

Line No.	Account	Description	2017												Twelve Months Ended	
			January	February	March	April	May	June	July	August	September	October	November	December	Dec. 31, 2017	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O = C through N	
1	303.00	COMMON ASSET - INTANGIBLES	\$ 485,114	\$ 484,302	\$ 502,468	\$ 529,639	\$ 514,568	\$ 597,306	\$ 529,977	\$ 545,308	\$ 558,676	\$ 612,713	\$ 567,584	\$ 578,612	\$	6,506,265
2	303.00	COMMON ASSET - GL SOFTWARE	255,880	263,614	254,647	239,918	239,918	239,918	239,918	239,179	239,179	239,179	239,179	239,179		2,929,709
3	390.20	COMMON ASSET - LEASEHOLDS	12,486	12,328	12,328	12,328	12,328	12,328	12,328	12,460	12,460	12,460	12,460	12,460		148,752
4		TOTAL COMMON AMORTIZATION EXPENSE	\$ 753,480	\$ 760,244	\$ 769,442	\$ 781,885	\$ 766,814	\$ 849,552	\$ 782,223	\$ 796,947	\$ 810,315	\$ 864,352	\$ 819,223	\$ 830,251	\$	9,584,726 [.1]

Northern Indiana Public Service Company LLC
Rate Base - Electric Allocated Common Account Amortization Expense Model Excerpt
December 31, 2018 and June 30, 2019
Note: Detailed model available upon request

Line No	FERC Account	Intangible Account	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	6/30/2018	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018	Total 2018 Common Amortization
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O = C through N
1	303.00	COMMON ASSET - INTANGIBLES	\$ 564,375	\$ 585,006	\$ 597,701	\$ 608,101	\$ 625,742	\$ 660,401	\$ 662,124	\$ 683,786	\$ 696,182	\$ 713,865	\$ 714,436	\$ 766,673	\$ 7,878,391
2	303.00	COMMON ASSET - GL SOFTWARE	239,179	239,179	239,179	239,179	239,179	239,179	239,179	239,179	239,179	239,179	239,179	239,179	2,870,150
3	390.20	COMMON ASSET - LEASEHOLDS	14,269	14,279	14,287	14,292	14,301	14,318	14,327	14,337	14,343	14,352	14,364	14,400	171,870
4		TOTAL INTANGIBLE AMORTIZATION EXPENSE	\$ 817,824	\$ 838,464	\$ 851,167	\$ 861,572	\$ 879,222	\$ 913,897	\$ 915,630	\$ 937,302	\$ 949,704	\$ 967,396	\$ 967,978	\$ 1,020,252	\$ 10,920,410

[1]

Line No	FERC Account	Utility Plant	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	Twelve Months Ended June 30, 2019
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O = C through N
5	303.00	COMMON ASSET - INTANGIBLES	\$ 662,124	\$ 683,786	\$ 696,182	\$ 713,865	\$ 714,436	\$ 766,673	\$ 787,375	\$ 803,094	\$ 815,357	\$ 820,562	\$ 834,392	\$ 860,800	\$ 9,158,647
6	303.00	COMMON ASSET - GL SOFTWARE	239,179	239,179	239,179	239,179	239,179	239,179	239,179	239,179	239,179	239,179	239,179	239,179	2,870,150
7	390.20	COMMON ASSET - LEASEHOLDS	14,327	14,337	14,343	14,352	14,364	14,400	14,400	14,400	14,400	14,400	14,400	14,400	172,523
8		AS FILED - TOTAL INTANGIBLE AMORTIZATION EXPENSE	\$ 915,630	\$ 937,302	\$ 949,704	\$ 967,396	\$ 967,978	\$ 1,020,252	\$ 1,040,954	\$ 1,056,674	\$ 1,068,936	\$ 1,074,141	\$ 1,087,971	\$ 1,114,379	\$ 12,201,319

[1]

As Filed Expense based on 06/30/19 Gross Plant

P = N
\$ 860,800
\$ 239,179
\$ 14,400

\$ 1,114,379

As Filed - Total June 2019 expense multiplied by 12 months
Ratemaking Adjustment (Column P Line 9 - Column O Line 8)

\$ 13,372,549.34
\$ 1,171,230

[1]

Line No	FERC Account	Utility Plant	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	Twelve Months Ended June 30, 2019
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O = C through N
11	303.00	COMMON ASSET - INTANGIBLES	\$ 674,786	\$ 608,159	\$ 526,173	\$ 526,449	\$ 550,711	\$ 542,263	\$ 543,614	\$ 560,361	\$ 573,425	\$ 575,613	\$ 589,996	\$ 617,779	\$ 6,889,330
12	303.00	COMMON ASSET - GL SOFTWARE	237,064	232,531	232,531	232,531	232,531	232,531	232,531	232,531	232,531	232,531	232,531	232,531	2,794,900
13	390.20	COMMON ASSET - LEASEHOLDS	12,310	12,097	12,097	12,097	12,097	12,097	12,041	12,052	12,060	12,066	12,075	12,094	145,182
14		REBUTTAL - TOTAL INTANGIBLE AMORTIZATION EXPENSE	\$ 924,160	\$ 852,786	\$ 770,800	\$ 771,076	\$ 795,339	\$ 786,890	\$ 788,185	\$ 804,943	\$ 818,016	\$ 820,209	\$ 834,602	\$ 862,404	\$ 9,829,412

Rebuttal Expense based on 06/30/19 Gross Plant

P = N
\$ 617,779
\$ 232,531
\$ 12,094

\$ 862,404

Rebuttal - Total June 2019 expense multiplied by 12 months

\$ 10,348,847.58

Rebuttal True Up (Column P Line 15 - Column P Line 9)

\$ (3,023,702)

Prepaid Asset Rebuttal True Up

\$ 133,803

Total Rebuttal True Up

\$ (2,889,899)

[4]

[1]

Northern Indiana Public Service Company LLC
Rate Base - Prepaid Asset Account Amortization Expense Model Excerpt
December 31, 2018 and June 30, 2019
Note: Detailed model available upon request

Line No	FERC Account	Intangible Account	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	6/30/2018	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018	Total 2018 Common Amortization
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O = C through N
1	303*	Prepaid Asset Cloud Computing	\$ 1,813	\$ 3,189	\$ 4,263	\$ 4,956	\$ 6,167	\$ 8,479	\$ 9,755	\$ 11,200	\$ 12,027	\$ 13,207	\$ 14,830	\$ 19,842	\$ 109,728

Line No	FERC Account	Utility Plant	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	Twelve Months Ended June 30, 2019
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O = C through N
2	303*	Prepaid Asset Cloud Computing	\$ 9,755	\$ 11,200	\$ 12,027	\$ 13,207	\$ 14,830	\$ 19,842	\$ 21,497	\$ 22,754	\$ 23,734	\$ 24,367	\$ 25,473	\$ 27,584	\$ 226,269
3															As Filed - Total June 2019 expense multiplied by 12 months

As Filed Expense based on 06/30/19 Gross Plant
P = N
\$ 27,584
<u>\$ 331,003</u> A , [1]

Line No	FERC Account	Utility Plant	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	Twelve Months Ended June 30, 2019
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O = C through N
4	303*	Prepaid Asset Cloud Computing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,417	\$ 10,356	\$ 10,356	\$ 10,356	\$ 10,356	\$ 36,224	\$ 38,734	\$ 141,798
5															Rebuttal - Total June 2019 expense multiplied by 12 months
6															Prepaid Asset Rebuttal True Up

Rebuttal Expense based on 06/30/19 Gross Plant
P = N
\$ 38,734
<u>\$ 464,896</u> B
<u>\$ 133,893</u> B - A , [3]

Note: * This amortization expense is related to prepaid assets of cloud based computing software that is being requested for account 303 intangible treatment. See Witness Shikany testimony for more detail.

Northern Indiana Public Service Company LLC
Pro forma Adjustment to Depreciation and Amortization Expense
Twelve Months Ending June 30, 2019

This pro forma adjustment increases the twelve months ending June 30, 2019 amortization expense to include the annual amortization of the Transmission, Distribution, and Storage System Improvement Charge (TDSIC) Remand Plan (Cause No. 44370/44371) regulatory asset.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	2017 Electric TDSIC Remand Plan Amortization		\$ -	
2	2018 Electric TDSIC Remand Plan Amortization			
3	Increase/(Decrease) in Historical Base Period 2017 to Forward 2018 Period	AMTZ 4-S1-R-18	-	
4	Electric TDSIC Remand Plan Amortization - Jan-Dec 2018		\$ -	
5	2019 Budgeted Electric TDSIC Remand Plan Amortization			
6	Increase/(Decrease) in Forward 2018 Period to Forward 2019 Test Year	AMTZ 4-S1-R-19	-	
7	Electric TDSIC Remand Plan Amortization - Budgeted twelve months ended Jun 2019		\$ -	
8	2019 Ratemaking Electric TDSIC Remand Plan Amortization			
9	<u>Ratemaking Adjustments</u>			
10	Pro forma adjustment to Add Electric TDSIC Remand Plan Amortization	AMTZ 4-S1-R-19R	8,592,080	
11	2019 Ratemaking Increase/(Decrease)		\$ 8,592,080	
12	2019 Ratemaking Electric TDSIC Remand Plan Amortization		<u>\$ 8,592,080</u>	[.2]

Workpaper AMTZ 4-S1-R
Page [.2]

Northern Indiana Public Service Company LLC
TDSIC Remand Plan (Cause No. 44370/44371) Regulatory Asset Summary
Twelve Months Ending June 30, 2019

Line No.	Description	Amount	
	A	B	
1	Electric TDSIC Remand Plan Regulatory Asset Normalized Balance as of the Twelve Months Ended December 31, 2017	\$ 20,528,817	[.3]
2	2018 TDSIC Remand Plan Deferrals	5,698,344	[.4]
3	2019 TDSIC Remand Plan Deferrals	2,946,218	[.4]
4	2019 Equity Tax Gross-up	<u>5,194,942</u>	[.4]
5	Increase (Decrease) in TDSIC Remand Plan Regulatory Asset (Lines 2 + 3 + 4)	<u>\$ 13,839,504</u>	[.4]
6	Electric TDSIC Remand Plan Regulatory Asset as of the Twelve Months Ending June 30, 2019 (Lines 1 + 5)	\$ 34,368,321	[.4]
7	TDSIC Remand Plan Regulatory Asset amortization period (in years)	<u>4</u>	
8	Pro forma Increase for Electric TDSIC Remand Plan Amortization Expense for the Twelve Months Ending June 30, 2019 (Line 6 divided by Line 7)	<u><u>\$ 8,592,080</u></u>	[.1]

Northern Indiana Public Service Company LLC
Twelve Months Ended December 31, 2017
TDSIC Remand Plan Cause No. 44370/44371 Account Balances

<u>Line No.</u>	<u>Account</u>	<u>Description</u>	<u>Net Balance</u>
1	18230653	Cause No. 44688 T&D Settlement Amortization	\$ 506,229
2	18235632	TDSIC Remand Plan Cause No. 44370/44371 Deferrals	21,961,846
3		Balance as of 12/31/17 (Line 1 + Line 2)	\$ 22,468,074
4		Included in Cause No. 44688 T&D Regulatory Asset Amortization	(2,910,818) AMTZ 3, Page [.4]
5		New Deferral Activity (Line 3 + Line 4)	\$ 19,557,256
6		Normalization Adjustments	971,561 RB 10-R
7		Total TDSIC Remand Plan Cause No. 44370/44371 Activity (Line 5 + Line 6)	<u>\$ 20,528,817</u> [.2], [.4]

Twelve Months Ended December 31, 2018

	<u>Account</u>	<u>Description</u>	<u>Net Balance</u>
8	18230653	Cause No. 44688 T&D Settlement Amortization	\$ 506,229
9	18235632	TDSIC Remand Plan Cause No. 44370/44371 Deferrals	25,697,136
10		Balance as of 12/31/18 (Line 1 + Line 2)	\$ 26,203,365
11		Included in Cause No. 44688 T&D Regulatory Asset Amortization	(2,404,589) AMTZ 3, Page [.4]
12		New Deferral Activity (Line 3 + Line 4)	\$ 23,798,776
13		Carrying Charge Adjustments 2017	\$ 1,314,686 RB 10-R
		Carrying Charge Adjustments 2018	1,113,698 RB 10-R
14		Total TDSIC Remand Plan Cause No. 44370/44371 Activity (Line 5 + Line 6)	<u>\$ 26,227,161</u> [.4]

Northern Indiana Public Service Company LLC

TDSIC Remand Plan (Cause No. 44370/44371) Regulatory Asset Rollforward

December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	TDSIC Remand Plan Regulatory Asset	12/31/2017		Actual	12/31/2018		Budgeted	6/30/2019		2019 Equity Tax Gross-up	6/30/2019
	A	B		C	D = B + C		E	F = D + E		G	H = F + G
1	Debt + Expense	\$ 10,314,152	[.6]	\$ 2,522,888	\$ 12,837,041	[.6]	\$ 1,305,997	\$ 14,143,038	[.6]		\$ 14,143,038
2	Equity	10,214,665	[.6]	3,175,455	13,390,120	[.6]	1,640,221	15,030,342	[.6]	5,194,942	\$ 20,225,284
3	Total	\$20,528,817	[.3][.6]	\$ 5,698,344	\$ 26,227,161	[.3][.6]	\$ 2,946,218	\$ 29,173,379	[.6]	5,194,942	\$ 34,368,322
				[.2], A			[.2], A			[.2], [.5], A	[.2]
	Sum of A	\$ 13,839,504	[.2]								

Workpaper AMTZ 4-S1-R
Page [5]

Northern Indiana Public Service Company LLC
TDSIC Remand Plan (Cause No. 44370/44371) Regulatory Asset Equity Tax Gross-up
December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	Description	12/31/2017	12/31/2018	6/30/2019
1	TDSIC Equity Reg Asset	\$ 10,214,665 [.6]	\$ 13,390,120 [.6]	\$ 15,030,342 [.6], A
2	Revenue Requirement Conversion Factor			1.346
3	TDSIC Equity Reg Asset Tax Gross-up			\$ 20,225,284 B
4	Change			\$ 5,194,942 [.4] = B - A

Northern Indiana Public Service Company LLC
TDSIC Remand Plan (Cause No. 44370/44371) Regulatory Asset Model Excerpt
December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	TDSIC Remand Plan Electric	12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	6/30/2018	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018
1	Reg Asset - Debt + Expense	\$ 10,314,152 [.4]	\$ 10,519,149	\$ 10,724,619	\$ 10,930,479	\$ 11,136,791	\$ 11,343,016	\$ 11,551,037	\$ 11,763,496	\$ 11,976,307	\$ 12,189,817	\$ 12,403,777	\$ 12,618,078	\$ 12,837,041 [.4]
2	Reg Asset - Equity	10,214,665 [.4] [.5]	10,473,328	10,734,513	10,997,763	11,263,267	11,530,877	11,797,211	12,058,796	12,323,503	12,589,690	12,858,126	13,128,638	13,390,120 [.4] [.5]
3	Total 100% Reg Asset	\$ 20,528,817 [.4]	\$ 20,992,476	\$ 21,459,132	\$ 21,928,242	\$ 22,400,058	\$ 22,873,893	\$ 23,348,248	\$ 23,822,292	\$ 24,299,811	\$ 24,779,508	\$ 25,261,903	\$ 25,746,716	\$ 26,227,161 [.4]

Line No.	TDSIC Remand Plan Electric	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019
4	Reg Asset - Debt + Expense	\$ 13,053,242	\$ 13,270,088	\$ 13,487,581	\$ 13,705,726	\$ 13,924,526	\$ 14,143,038 [.4]
5	Reg Asset - Equity	13,658,830	13,929,549	14,202,290	14,477,064	14,753,882	15,030,342 [.4] [.5]
6	Total 100% Reg Asset	\$ 26,712,072	\$ 27,199,637	\$ 27,689,872	\$ 28,182,791	\$ 28,678,408	\$ 29,173,379 [.4]

Northern Indiana Public Service Company LLC
Pro forma Adjustment to Depreciation and Amortization Expense
Twelve Months Ending June 30, 2019

This pro forma adjustment increases the twelve months ending June 30, 2019 amortization expense to include the annual amortization of the 7-Year Electric Transmission, Distribution, and Storage System Improvement Charge (TDSIC) Plan (Cause No. 44733) regulatory asset.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	2017 7-Year Electric TDSIC Plan Amortization		\$ -	
2	2018 7-Year Electric TDSIC Plan Amortization			
3	Increase/(Decrease) in Historical Base Period 2017 to Forward 2018 Period	AMTZ 5-S1-R-18	-	
4	7-Year Electric TDSIC Plan Amortization - Jan-Dec 2018		\$ -	
5	2019 Budgeted 7-Year Electric TDSIC Plan Amortization			
6	Increase/(Decrease) in Forward 2018 Period to Forward 2019 Test Year	AMTZ 5-S1-R-19	-	
7	7-Year Electric TDSIC Plan Amortization - Budgeted twelve months ended Jun 2019		\$ -	
8	2019 Ratemaking 7-Year Electric TDSIC Plan Amortization			
9	<u>Ratemaking Adjustments</u>			
10	Pro forma adjustment to add 7-Year Electric TDSIC Plan Amortization	AMTZ 5-S1-R-19R	3,675,949	[.2]
11	2019 Ratemaking Increase/(Decrease)		\$ 3,675,949	
12	2019 Ratemaking 7-Year Electric TDSIC Plan Amortization		\$ 3,675,949	

Northern Indiana Public Service Company LLC
7-Year Electric TDSIC Plan (Cause No. 44733) Regulatory Asset Summary
Twelve Months Ending June 30, 2019

Line No.	Description A	Amount B	
1	7-Year Electric TDSIC Plan Regulatory Asset Balance as of the Twelve Months Ended December 31, 2017	\$ 3,085,322	[.3]
2	2018 7-Year Electric TDSIC Plan Deferrals	4,994,261	[.4]
3	2019 7-Year Electric TDSIC Plan Deferrals	4,357,409	[.4]
4	2019 Equity Tax Gross-up	<u>2,266,805</u>	[.4]
5	Increase (Decrease) in 7-Year Electric TDSIC Plan Regulatory Asset (Lines 2 + 3 + 4)	<u>\$ 11,618,475</u>	[.4]
6	7-Year Electric TDSIC Plan Regulatory Asset as of the Twelve Months Ending June 30, 2019 (Lines 1 + 5)	\$ 14,703,797	[.4]
7	7-Year Electric TDSIC Plan Regulatory Asset amortization period (in years)	<u>4</u>	
8	Pro forma Increase for 7-Year Electric TDSIC Plan Amortization Expense for the Twelve Months Ending June 30, 2019 (Line 6 divided by Line 7)	<u>\$ 3,675,949</u>	[.1]

Workpaper AMTZ 5-S1-R
Page [.3]

Northern Indiana Public Service Company LLC
7-Year Electric TDSIC Plan (Cause No. 44733) Regulatory Asset
As of December 31, 2017 and 2018

Line No.	Account	Description	As of December 31, 2017	As of December 31, 2018
1	18235633	TDSIC Electric 16-22 Plan 20	\$ 3,085,322 [.2] [.4]	\$ 8,079,583 [.4]

Northern Indiana Public Service Company LLC
 7-Year Electric TDSIC Plan (Cause No. 44733) Regulatory Asset Rollforward
 December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	7-Year Electric TDSIC Plan Reg Asset	12/31/2017	Actual	12/31/2018	Budgeted	6/30/2019	2019 Equity Tax Gross-up	6/30/2019
	A	B	C	D = B + C	E	F = D + E	G	H = F + G
1	Debt + Expense	\$ 1,376,189 [.6]	\$ 2,385,191	\$ 3,761,380 [.6]	\$ 2,117,146	\$ 5,878,527	[.6] \$ -	\$ 5,878,527
2	Equity	1,709,133 [.6]	2,609,070	4,318,203 [.6]	2,240,262	6,558,466	[.6] 2,266,805	8,825,270
3	Total	\$ 3,085,322 [.3][.6]	\$ 4,994,261	\$ 8,079,583 [.3][.6]	\$ 4,357,409	\$ 12,436,992	[.6] \$ 2,266,805	\$ 14,703,797
			[.2], A		[.2], A		[.2], [.5], A	[.2]
	Sum of A	\$ 11,618,475 [.2]						

Workpaper AMTZ 5-S1-R
Page [.5]

Northern Indiana Public Service Company LLC
7-Year Electric TDSIC Plan (Cause No. 44733) Regulatory Asset Equity Tax Gross-up
December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	Description	12/31/2017	12/31/2018	6/30/2019
1	TDSIC Equity Reg Asset	\$ 1,709,133 [.6]	\$ 4,318,203 [.6]	\$ 6,558,466 [.6], A
2	Revenue Requirement Conversion Factor			1,346
3	TDSIC Equity Reg Asset Tax Gross-up			\$ 8,825,270 B
4	Change			\$ 2,266,805 [.4] =B-A

Northern Indiana Public Service Company LLC
7-Year Electric TDSIC Plan (Cause No. 44733) Regulatory Asset Model Excerpt
December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	7-Year Electric TDSIC Plan	12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	6/30/2018	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018
1	Reg Asset - Debt + Expense	\$ 1,376,189 [.4]	\$ 1,554,473	\$ 1,726,329	\$ 1,898,086	\$ 2,074,310	\$ 2,286,474	\$ 2,478,730	\$ 2,697,751	\$ 2,919,785	\$ 3,146,898	\$ 3,323,706	\$ 3,558,709	\$ 3,761,380 [.4]
2	Reg Asset - Equity	1,709,133 [.4] [.5]	1,979,992	2,223,969	2,461,670	2,711,271	2,960,418	3,176,343	3,422,843	3,672,010	3,927,504	4,138,119	4,397,057	4,618,203 [.4] [.5]
3	Total 20% Reg Asset	\$ 3,085,322 [.4]	\$ 3,534,465	\$ 3,950,298	\$ 4,359,756	\$ 4,785,581	\$ 5,246,892	\$ 5,655,073	\$ 6,120,594	\$ 6,591,795	\$ 7,074,402	\$ 7,461,826	\$ 7,955,766	\$ 8,079,583 [.4]

Line No.	7-Year Electric TDSIC Plan	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019
4	Reg Asset - Debt + Expense	\$ 4,083,435	\$ 4,417,154	\$ 4,760,438	\$ 5,120,910	\$ 5,490,223	\$ 5,878,527 [.4]
5	Reg Asset - Equity	4,656,156	5,009,332	5,375,839	5,762,267	6,159,683	6,558,466 [.4] [.5]
6	Total 20% Reg Asset	\$ 8,739,591	\$ 9,426,486	\$ 10,136,277	\$ 10,883,177	\$ 11,649,906	\$ 12,436,992 [.4]

Northern Indiana Public Service Company LLC
Pro forma Adjustment to Depreciation and Amortization Expense
Twelve Months Ending June 30, 2019

This pro forma adjustment increases the twelve months ending June 30, 2019 amortization expense to include the annual amortization of the Federally Mandated Cost Adjustment (FMCA) pro forma regulatory asset.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	2017 Electric FMCA Amortization		\$ -	
2	2018 Electric FMCA Amortization			
3	Increase/(Decrease) in Historical Base Period 2017 to Forward 2018 Period	AMTZ 6-S1-R-18	-	
4	Electric FMCA Amortization - Jan-Dec 2018		\$ -	
5	2019 Budgeted Electric FMCA Amortization			
6	Increase/(Decrease) in Forward 2018 Period to Forward 2019 Test Year	AMTZ 6-S1-R-19	-	
7	Electric FMCA Amortization - Budgeted twelve months ended Jun 2019		\$ -	
8	2019 Ratemaking Electric FMCA Amortization			
9	<u>Ratemaking Adjustments</u>			
10	Pro forma adjustment to Add Electric FMCA Amortization	AMTZ 6-S1-R-19R	1,275,939	[.2]
11	2019 Ratemaking Increase/(Decrease)		\$ 1,275,939	
12	2019 Ratemaking Electric FMCA Amortization		\$ 1,275,939	

**Northern Indiana Public Service Company LLC
FMCA Regulatory Asset Summary
Twelve Months Ending June 30, 2019**

Line No.	Description	Amount	
	A	B	
1	Electric FMCA Regulatory Asset Balance as of the Twelve Months Ended December 31, 2017	\$ 739,312	[.3]
2	2018 FMCA Deferrals	1,221,272	[.4]
3	2019 FMCA Deferrals	2,616,014	[.4]
4	2019 Equity Tax Gross-up	<u>527,157</u>	[.4]
5	Increase (Decrease) in FMCA Regulatory Asset (Lines 2 + 3 + 4)	<u>\$ 4,364,443</u>	[.4]
6	Electric FMCA Regulatory Asset as of the Twelve Months Ending June 30, 2019 (Lines 1 + 5)	\$ 5,103,755	[.4]
7	FMCA Regulatory Asset amortization period (in years)	<u>4</u>	
8	Pro forma Increase for Electric FMCA Amortization Expense for the Twelve Months Ending June 30, 2019 (Line 6 divided by Line 7)	<u>\$ 1,275,939</u>	[.1]

Northern Indiana Public Service Company LLC
FMCA Regulatory Asset
As of December 31, 2017 and 2018

Line No.	Account	Description	As of December 31, 2017	As of December 31, 2018
1	18235627	FMCA Electric 20	\$ 739,312	\$ 1,178,289
2	18235638	FMCA CCR Ele 20	-	782,295
		Total	\$ 739,312	\$ 1,960,584
			[.2] [.4]	[.4]

Northern Indiana Public Service Company LLC
 FMCA Regulatory Asset Rollforward
 December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	FMCA Reg Asset	12/31/2017		Actual	12/31/2018		Budgeted	6/30/2019		2019 Equity Tax Gross-up	6/30/2019
	A	B		C	D = B + C		E	F = D + E		G	H = F + G
1	Debt + Expense	\$ 611,630	[.6]	\$ 769,866	\$ 1,381,496	[.6]	\$ 1,669,896	\$ 3,051,392	[.6]	\$ -	\$ 3,051,392
2	Equity	127,682	[.6]	451,406	579,088	[.6]	946,118	1,525,206	[.6]	527,157	2,052,363
3	Total	\$ 739,312	[.3][.6]	\$ 1,221,272	\$ 1,960,584	[.3][.6]	\$ 2,616,014	\$ 4,576,598	[.6]	\$ 527,157	\$ 5,103,755
				[.2], A			[.2], A			[.2], [.5], A	[.2]
	Sum of A	\$ 4,364,443	[.2]								

Workpaper AMTZ 6-S1-R
Page [.5]

Northern Indiana Public Service Company LLC
FMCA Regulatory Asset Equity Tax Gross-up
December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	Description	12/31/2017	12/31/2018	6/30/2019
1	FMCA Equity Reg Asset	\$ 127,682 [.6]	\$ 579,088 [.6]	\$ 1,525,206 [.6], A
2	Revenue Requirement Conversion Factor			1.346
3	FMCA Equity Reg Asset Tax Gross-up			\$ 2,052,363 B
4	Change			\$ 527,157 [.4] = B - A

Northern Indiana Public Service Company LLC
FMCA Regulatory Asset Model Excerpt
December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	FMCA Electric	12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	6/30/2018	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018
1	Reg Asset - Debt + Expense	\$ 611,630 [.4]	\$ 834,928	\$ 850,308	\$ 876,556	\$ 904,594	\$ 925,893	\$ 953,463	\$ 983,835	\$ 1,064,175	\$ 1,128,041	\$ 1,168,506	\$ 1,248,964	\$ 1,381,496 [.4]
2	Reg Asset - Equity	127,682 [.4] [.5]	129,973	132,359	142,744	149,232	155,933	162,800	169,539	252,223	328,915	405,862	502,046	579,088 [.4] [.5]
3	Total 20% Reg Asset	\$ 739,312 [.4]	\$ 964,902	\$ 982,667	\$ 1,019,300	\$ 1,053,825	\$ 1,081,827	\$ 1,116,263	\$ 1,153,373	\$ 1,316,398	\$ 1,456,956	\$ 1,574,369	\$ 1,751,010	\$ 1,960,584 [.4]

Line No.	FMCA Electric	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019
4	Reg Asset - Debt + Expense	\$ 1,573,104	\$ 1,867,491	\$ 2,162,425	\$ 2,458,062	\$ 2,754,412	\$ 3,051,392 [.4]
5	Reg Asset - Equity	735,620	890,306	1,046,882	1,204,709	1,364,093	1,525,206 [.4] [.5]
6	Total 20% Reg Asset	\$ 2,308,724	\$ 2,757,797	\$ 3,209,307	\$ 3,662,772	\$ 4,118,505	\$ 4,576,598 [.4]

Northern Indiana Public Service Company LLC
Pro forma Adjustment to Depreciation and Amortization Expense
Twelve Months Ending June 30, 2019

This proforma adjustment increases the twelve months ending June 30, 2019 test year amortization expense for the Mercury and Air Toxics Standards (MATS) charges that were and are projected to be deferred from July 1, 2015 through June 30, 2019 per Cause No. 44311.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	2017 Electric MATS Amortization		\$ -	
2	2018 Electric MATS Amortization			
3	Increase/(Decrease) in Historical Base Period 2017 to Forward 2018 Period	AMTZ 7-S1-R-18	-	
4	Electric MATS Amortization - Jan-Dec 2018		\$ -	
5	2019 Budgeted Electric MATS Amortization			
6	Increase/(Decrease) in Forward 2018 Period to Forward 2019 Test Year	AMTZ 7-S1-R-19	-	
7	Electric MATS Amortization - Budgeted twelve months ended Jun 2019		\$ -	
8	2019 Ratemaking Electric MATS Amortization			
9	<u>Ratemaking Adjustments</u>			
10	Pro forma adjustment to add Electric MATS Amortization	AMTZ 7-S1-R-19R	83,290	[.2]
11	2019 Ratemaking Increase/(Decrease)		\$ 83,290	
12	2019 Ratemaking Electric MATS Amortization		\$ 83,290	

**Northern Indiana Public Service Company LLC
MATS Regulatory Asset Summary
Twelve Months Ending June 30, 2019**

Line No.	Description	Amount	
	A	B	
1	Electric MATS Regulatory Asset Balance as of the Twelve Months Ended December 31, 2017	\$ 297,201	[.3]
2	2018 MATS Deferrals	19,113	[.4]
3	2019 MATS Deferrals	-	[.4]
4	2019 Equity Tax Gross-up	16,844	[.4]
5	Increase (Decrease) in MATS Regulatory Asset (Lines 2 + 3 + 4)	\$ 35,957	[.4]
6	Electric MATS Regulatory Asset as of the Twelve Months Ending June 30, 2019 (Lines 1 + 5)	\$ 333,158	[.4]
7	MATS Regulatory Asset amortization period (in years)	4	
8	Pro forma Increase for Electric MATS Amortization Expense for the Twelve Months Ending June 30, 2019 (Line 6 divided by Line 7)	\$ 83,290	[.1]

Northern Indiana Public Service Company LLC
MATS Regulatory Asset
As of December 31, 2017 and 2018

Line No.	Account	Description	As of December 31, 2017	As of December 31, 2018
1	18235623	Mercury Air Toxin	\$ 297,201	\$ 316,314
2		Total	\$ 297,201	\$ 316,314
			[.2] [.4]	[.4]

Northern Indiana Public Service Company LLC

MATS Regulatory Asset Rollforward

December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	MATS Reg Asset	12/31/2017		Actual	12/31/2018		Budgeted	6/30/2019		2019 Equity Tax Gross-up	6/30/2019
	A	B		C	D = B + C		E	F = D + E		G	H = F + G
1	Debt + Expense	\$ 261,504	[.6]	\$ 6,075	\$ 267,579	[.6]	\$ -	\$ 267,579	[.6]	\$ -	\$ 267,579
2	Equity	35,697	[.6]	13,038	48,735	[.6]	-	48,735	[.6]	16,844	65,579
3	Total	\$ 297,201	[.3][.6]	\$ 19,113	\$ 316,314	[.3][.6]	\$ -	\$ 316,314	[.6]	\$ 16,844	\$ 333,158
				[.2], A			[.2], A			[.2], [.5], A	[.2]
	Sum of A	\$ 35,957	[.2]								

Workpaper AMTZ 7-S1-R
Page [.5]

Northern Indiana Public Service Company LLC
MATS Regulatory Asset Equity Tax Gross-up
December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	Description	12/31/2017	12/31/2018	6/30/2019
1	MATS Equity Reg Asset	\$ 35,697 [.6]	\$ 48,735 [.6]	\$ 48,735 [.6], A
2	Revenue Requirement Conversion Factor			1.346
3	MATS Equity Reg Asset Tax Gross-up			\$ 65,579 B
4	Change			\$ 16,844 [.4] = B - A

Northern Indiana Public Service Company LLC
MATS Regulatory Asset Model Excerpt
December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	MATS Electric Non-Trackable	12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	6/30/2018	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018
1	Reg Asset - Debt + Expense	\$ 261,504 [.4]	\$ 261,590	\$ 261,677	\$ 261,763	\$ 261,849	\$ 261,935	\$ 262,022	\$ 264,481	\$ 264,568	\$ 264,654	\$ 264,740	\$ 264,827	\$ 267,579 [.4]
2	Reg Asset - Equity	35,697 [.4] [.5]	35,611	35,525	35,438	35,352	35,266	35,179	42,191	42,105	42,018	41,932	41,846	48,735 [.4] [.5]
3	Total 20% Reg Asset	\$ 297,201 [.4]	\$ 297,201	\$ 297,201	\$ 297,201	\$ 297,201	\$ 297,201	\$ 297,201	\$ 306,672	\$ 306,672	\$ 306,672	\$ 306,672	\$ 306,672	\$ 316,314 [.4]

Line No.	MATS Electric Non-Trackable	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019
4	Reg Asset - Debt + Expense	\$ 267,579	\$ 267,579	\$ 267,579	\$ 267,579	\$ 267,579	\$ 267,579 [.4]
5	Reg Asset - Equity	48,735	48,735	48,735	48,735	48,735	48,735 [.4] [.5]
6	Total 20% Reg Asset	\$ 316,314	\$ 316,314	\$ 316,314	\$ 316,314	\$ 316,314	\$ 316,314 [.4]

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjusts the December 31, 2017 Rate Base balance to reflect Electric Jurisdictional Utility Plant as of December 31, 2018 and June 30, 2019.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	Actual Balance - December 31, 2017		\$ 7,546,332,114	[.9]
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-	
3	Normalized balance as of December 31, 2017		<u>\$ 7,546,332,114</u>	
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	RB 1-S1-R-18	(208,562,400)	
5	Actual balance as of December 31, 2018		<u>\$ 7,337,769,714</u>	[.9]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	RB 1-S1-R-19	206,446,056	
7	Forecasted balance as of June 30, 2019		<u>\$ 7,544,215,770</u>	[.10]
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	RB 1-S1-R-19R	-	
9	Ratemaking balance as of June 30, 2019		<u>\$ 7,544,215,770</u>	

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjusts the December 31, 2017 Rate Base balance to reflect Electric Non Jurisdictional Plant as of December 31, 2018 and June 30, 2019, and removes non jurisdictional plant for IURC ratemaking.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	Actual Balance - December 31, 2017		\$ 67,754,222	[.11]
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-	
3	Normalized balance as of December 31, 2017		\$ 67,754,222	
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	RB 2-S1-R-18	503,091,437	
5	Actual balance as of December 31, 2018		\$ 570,845,659	[.11]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	RB 2-S1-R-19	-	
7	Forecasted balance as of June 30, 2019		\$ 570,845,659	[.11], A
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	RB 2-S1-R-19R	(570,845,659)	A
9	Ratemaking balance as of June 30, 2019		\$ -	

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjusts the December 31, 2017 Rate Base balance to reflect Common Allocated to electric as of December 31, 2018 and June 30, 2019.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	Actual Balance - December 31, 2017		\$ 263,072,157	[.12]
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-	
3	Normalized balance as of December 31, 2017		\$ 263,072,157	
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	RB 3-S1-R-18	1,416,517	
5	Actual balance as of December 31, 2018		\$ 264,488,674	[.12]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	RB 3-S1-R-19	9,450,510	
7	Forecasted balance as of June 30, 2019		\$ 273,939,184	[.12]
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	RB 3-S1-R-19R	-	
9	Ratemaking balance as of June 30, 2019		\$ 273,939,184	

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjusts the June 30, 2019 Rate Base balance to include Cloud Computing / Procure to Pay in FERC account 303 for ratemaking.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	Balance as of December 31, 2017		\$ -	[.13]
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-	
3	Normalized balance as of December 31, 2017		\$ -	
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	RB 4-S1-R-18	-	
5	Balance as of December 31, 2018		\$ -	
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	RB 4-S1-R-19	-	
7	Forecasted balance as of June 30, 2019		\$ -	
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	RB 4-S1-R-19R	2,474,630	
9	Ratemaking balance as of June 30, 2019		\$ 2,474,630	[.13]

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjusts the December 31, 2017 Rate Base balance to reflect Electric Jurisdictional Accumulated Depreciation and Amortization as of December 31, 2018 and June 30, 2019.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	Actual Balance - December 31, 2017		\$ (4,226,635,285)	[.14]
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-	
3	Normalized balance as of December 31, 2017		<u>\$ (4,226,635,285)</u>	
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	RB 5-S1-R-18	<u>455,874,528</u>	
5	Actual balance as of December 31, 2018		<u>\$ (3,770,760,757)</u>	[.14]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	RB 5-S1-R-19	<u>(80,889,901)</u>	
7	Forecasted balance as of June 30, 2019		<u>\$ (3,851,650,658)</u>	[.15]
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	RB 5-S1-R-19R	<u>-</u>	
9	Ratemaking balance as of June 30, 2019		<u><u>\$ (3,851,650,658)</u></u>	

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjusts the December 31, 2017 Rate Base balance to reflect Electric Non Jurisdictional Plant Accumulated Depreciation and Amortization as of December 31, 2018 and June 30, 2019, and removes this balance from rate base for IURC Ratemaking.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	Actual Balance - December 31, 2017		\$ (1,402,421)	[.16]
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-	
3	Normalized balance as of December 31, 2017		<u>\$ (1,402,421)</u>	
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	RB 7-S1-R-18	(6,964,227)	
5	Actual balance as of December 31, 2018		<u>\$ (8,366,648)</u>	[.16]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	RB 7-S1-R-19	(6,211,057)	
7	Forecasted balance as of June 30, 2019		<u>\$ (14,577,705)</u>	[.16], A
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	RB 7-S1-R-19R	14,577,705	A
9	Ratemaking balance as of June 30, 2019		<u>\$ -</u>	

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjusts the December 31, 2017 Rate Base balance to reflect Common Allocated to electric Accumulated Depreciation and Amortization as of December 31, 2018 and June 30, 2019.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	Actual Balance - December 31, 2017		\$ (174,304,581)	[.17]
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-	
3	Normalized balance as of December 31, 2017		<u>\$ (174,304,581)</u>	
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	RB 8-S1-R-18	<u>(8,379,198)</u>	
5	Actual balance as of December 31, 2018		<u>\$ (182,683,779)</u>	[.17]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	RB 8-S1-R-19	<u>(5,904,556)</u>	
7	Forecasted balance as of June 30, 2019		<u>\$ (188,588,335)</u>	[.17]
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	RB 8-S1-R-19R	<u>-</u>	
9	Ratemaking balance as of June 30, 2019		<u><u>\$ (188,588,335)</u></u>	

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjusts the June 30, 2019 Rate Base balance to include Cloud Computing / Procure to Pay Accumulated Depreciation and Amortization for ratemaking.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	Balance as of December 31, 2017		\$ -	[.18]
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-	
3	Normalized balance as of December 31, 2017		\$ -	
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	RB 9-S1-R-18	-	
5	Balance as of December 31, 2018		\$ -	
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	RB 9-S1-R-19	-	
7	Forecasted balance as of June 30, 2019		\$ -	
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	RB 9-S1-R-19R	(141,798)	
9	Ratemaking balance as of June 30, 2019		\$ (141,798)	[.18]

Northern Indiana Public Service Company LLC
Rate Base: Electric Utility Plant
Model Excerpt: Full Rate Base model available upon request

Workpaper RB 1-S1-R
Page [-9]

Line No.	Segment	Account	Description	Actuals	
				12/31/17	12/31/18
A	B	C	D	E	
1	E	114000000	Sugar Creek Acquisition	\$ 71,981,213	\$ 71,981,213
2	E	30200	30200 Franchises & Consents, Elec	1,389	1,389
3	E	30300	30300 Intangible Property, Elec	46,653,694	50,591,550
4	E	31010	31010 Land	5,272,619	5,130,229
5	E	31100	31100 Structures and Improvements	658,549,262	656,602,181
6	E	31210	31210 Boiler Plant Equipment	1,728,260,037	1,402,314,149
7	E	31220	31220 Boiler Pl Eq, Mobile Fuel Hdl	27,224,150	23,976,614
8	E	31230	31230 Boiler Pl Eq, Unit Train Coal	4,052,864	3,865,524
9	E	31240	31240 Boiler Pl Eq, SO2 Plant	703,732,583	704,032,302
10	E	31250	31250 Boiler Pl Eq, Coal Pile Base	5,843,930	4,894,131
11	E	31400	31400 Turbogenerator Units	594,720,311	485,317,416
12	E	31500	31500 Accessory Elect Equipment	345,871,360	304,614,848
13	E	31600	31600 Misc Pwr Plant Equipment	56,622,032	45,496,373
14	E	33010	33010 Land	23,137	23,137
15	E	33100	33100 Structures and Improvements	28,420,095	28,613,738
16	E	33200	33200 Reservoirs, Dams & Waterway	18,346,170	18,265,352
17	E	33300	33300 Water Wheels, Turbines, Gen	7,431,942	8,549,259
18	E	33400	33400 Accessory Electric Equipmnt	1,868,388	1,884,894
19	E	33500	33500 Misc Power Plant Equipment	772,508	772,508
20	E	34020	34020 Land Rights	995,408	1,048,439
21	E	34100	34100 Structures and Improvments	13,849,769	14,066,272
22	E	34200	34200 Fuel Holders	12,002,373	12,002,373
23	E	34300	34300 Prime Movers	89,947,462	88,474,779
24	E	34400	34400 Generators	44,418,290	45,962,733
25	E	34500	34500 Accessory Electric Eq	36,985,936	36,828,666
26	E	34600	34600 Misc Power Plant Eq	4,930,174	5,443,575
27	E	35010	35010 Land	17,104,559	17,336,780
28	E	35020	35020 Land Rights	13,916,423	16,486,787
29	E	35200	35200 Structures and Improvements	21,155,904	44,635,325
30	E	35300	35300 Station Equipment	520,029,236	594,212,664
31	E	35400	35400 Towers and Fixtures	90,395,512	94,870,067
32	E	35500	35500 Poles and Fixtures	178,957,926	193,224,868
33	E	35600	35600 Overhead Conductors, Device	154,778,122	157,143,289
34	E	35700	35700 Underground Conduit	144,588	740,689
35	E	35800	35800 Undergrnd Conductors Device	2,929,402	3,099,248
36	E	35900	35900 Roads and Trails	57,905	75,948
37	E	36010	36010 Land	2,915,368	2,943,336
38	E	36020	36020 Land Rights	933,490	933,490
39	E	36100	36100 Structures and Improvements	12,979,922	13,499,307
40	E	36200	36200 Station Equipment	306,554,184	328,720,039
41	E	36410	36410 Customers Transformer Station	43,942,161	41,666,103
42	E	36420	36420 Poles, Towers and Fixtures	365,301,478	388,096,529
43	E	36500	36500 Overhead Conductors, Device	234,190,061	253,339,646
44	E	36600	36600 Underground Conduit	5,892,413	5,030,094
45	E	36700	36700 Undergrnd Conductors,Device	343,875,599	392,980,941
46	E	36800	36800 Line Transformers	273,884,146	283,794,143
47	E	36910	36910 Services	42,939,105	43,898,500
48	E	36920	36920 Services - Underground	188,151,466	198,459,925
49	E	37010	37010 Customers Metering Stations	17,990,334	17,633,319
50	E	37020	37020 Meters	60,044,246	61,037,639
51	E	37100	37100 Installs Customer Premises	8,284,591	8,337,279
52	E	37300	37300 Street Lighting & Signal Sys	50,294,692	47,877,864
53	E	38910	38910 Land, Electric	71,530	16,851
54	E	38920	38920 Land Rights, Electric	106,838	106,027
55	E	39000	39000 Structures & Improvemts, Elec	18,209,680	19,721,091
56	E	39020	39020 Leashold Improvements, Elec	201,685	201,685
57	E	39110	39110 Office Furniture & Eq, Elec	4,317,593	4,275,100
58	E	39120	39120 Computer Equipment, Electric	12,163,599	16,162,943
59	E	39210	39210 Tms Eq - Autos, Electric	-	24,230
60	E	39220	39220 Tms Eq - Trailers, Electric	1,509,409	1,509,955
61	E	39230	39230 Tms Eq - Truck < 13000, Elec	365,138	385,468
62	E	39240	39240 Tms Eq - Truck > 13000, Elec	557,237	566,255
63	E	39300	39300 Stores Equipment, Elec	960,619	951,517
64	E	39400	39400 Tools, Shop & Garage Eq, Elec	19,482,865	21,091,698
65	E	39500	39500 Laboratory Equipment, Elec	7,362,535	7,091,478
66	E	39600	39600 Power Operated Equip, Elec	4,024,325	3,605,711
67	E	39700	39700 Communication Equip, Elec	8,189,190	29,231,346
68	E	39800	39800 Miscellaneous Equip, Elec	2,389,942	2,000,899
69	E		Total Electric Utility Plant	\$ 7,546,332,114 [-.1]	\$ 7,337,769,714 [-.1]

Northern Indiana Public Service Company LLC
Rate Base: Electric Utility Plant
Model Excerpt: Full Rate Base model available upon request

Workpaper RB 1-S1-R
Page [10]

Line No.	Segment	Account	Description	2019 Forecast					
				01/31/19	02/28/19	03/31/19	04/30/19	05/31/19	06/30/19
A	B	C	D	E	F	G	H	I	
1	E	114000000	Sugar Creek Acquisition	\$ 71,981,213	\$ 71,981,213	\$ 71,981,213	\$ 71,981,213	\$ 71,981,213	\$ 71,981,213
2	E	30200	30200 Franchises & Consents, Elec	1,390	1,391	1,391	1,392	1,392	1,393
3	E	30300	30300 Intangible Property, Elec	51,655,769	52,463,835	53,094,206	53,501,551	54,212,518	55,570,045
4	E	31010	31010 Land	5,177,296	5,213,035	5,240,914	5,258,930	5,290,374	5,350,413
5	E	31100	31100 Structures and Improvements	659,216,122	661,733,257	663,832,824	665,464,830	667,410,467	670,661,655
6	E	31210	31210 Boiler Plant Equipment	1,405,834,145	1,408,647,481	1,438,244,848	1,439,936,179	1,442,457,799	1,447,051,496
7	E	31220	31220 Boiler Pl Eq, Mobile Fuel Hdl	24,074,935	24,149,591	24,207,829	24,245,463	24,311,148	24,436,567
8	E	31230	31230 Boiler Pl Eq, Unit Train Coal	3,869,122	3,871,853	3,873,984	3,875,361	3,877,765	3,882,354
9	E	31240	31240 Boiler Pl Eq, SO2 Plant	705,172,419	706,038,116	706,713,444	707,149,840	707,911,512	709,365,856
10	E	31250	31250 Boiler Pl Eq, Coal Pile Base	4,902,604	4,909,039	4,914,058	4,917,301	4,922,962	4,933,772
11	E	31400	31400 Turbogenerator Units	486,387,023	487,199,181	487,832,744	488,242,152	488,956,718	490,321,120
12	E	31500	31500 Accessory Elect Equipment	305,687,463	306,501,905	307,137,249	307,547,807	308,264,383	309,632,621
13	E	31600	31600 Misc Pwr Plant Equipment	45,621,347	45,716,241	45,790,267	45,838,102	45,921,593	46,081,011
14	E	33010	33010 Land	23,177	23,208	23,231	23,247	23,274	23,325
15	E	33100	33100 Structures and Improvements	28,629,896	28,642,166	28,651,737	28,657,922	28,668,716	28,689,328
16	E	33200	33200 Reservoirs, Dams & Waterway	18,275,667	18,283,499	18,289,608	18,293,556	18,300,447	18,313,604
17	E	33300	33300 Water Wheels, Turbines, Gen	8,554,086	8,557,752	8,560,612	8,562,460	8,565,685	8,571,844
18	E	33400	33400 Accessory Electric Equipmnt	1,885,959	1,886,767	1,887,397	1,887,805	1,888,516	1,889,874
19	E	33500	33500 Misc Power Plant Equipment	772,944	773,275	773,534	773,701	773,992	774,549
20	E	34020	34020 Land Rights	1,050,192	1,051,523	1,052,562	1,053,233	1,054,405	1,056,641
21	E	34100	34100 Structures and Improvments	14,632,331	15,062,142	15,397,437	15,614,104	15,992,268	16,714,338
22	E	34200	34200 Fuel Holders	12,024,907	12,042,018	12,055,366	12,063,992	12,079,046	12,107,792
23	E	34300	34300 Prime Movers	90,634,973	92,275,220	93,554,773	94,381,618	95,824,767	98,580,332
24	E	34400	34400 Generators	46,046,540	46,110,175	46,159,817	46,191,895	46,247,884	46,354,789
25	E	34500	34500 Accessory Electric Eq	36,951,532	37,044,824	37,117,602	37,164,630	37,246,713	37,403,441
26	E	34600	34600 Misc Power Plant Eq	5,535,152	5,604,687	5,658,932	5,693,984	5,755,164	5,871,981
27	E	35010	35010 Land	17,346,570	17,354,004	17,359,803	17,363,551	17,370,091	17,382,580
28	E	35020	35020 Land Rights	16,779,857	17,002,386	17,175,981	17,288,158	17,483,947	17,857,790
29	E	35200	35200 Structures and Improvements	44,660,531	44,679,670	44,694,600	44,704,248	44,721,087	44,753,240
30	E	35300	35300 Station Equipment	599,475,178	603,471,033	606,588,190	608,602,492	612,118,192	618,831,106
31	E	35400	35400 Towers and Fixtures	95,200,462	95,451,333	95,647,037	95,773,500	95,994,226	96,415,681
32	E	35500	35500 Poles and Fixtures	193,561,955	193,817,908	194,017,575	194,146,600	194,371,796	194,801,788
33	E	35600	35600 Overhead Conductors, Device	158,923,833	160,275,808	161,330,482	162,012,010	163,201,528	165,472,806
34	E	35700	35700 Underground Conduit	741,107	741,425	741,672	741,832	742,112	742,645
35	E	35800	35800 Undergrmd Conductors Device	3,100,998	3,102,327	3,103,364	3,104,033	3,105,203	3,107,435
36	E	35900	35900 Roads and Trails	75,991	76,024	76,049	76,066	76,094	76,149
37	E	36010	36010 Land	2,944,998	2,946,260	2,947,244	2,947,880	2,948,991	2,951,111
38	E	36020	36020 Land Rights	934,017	934,417	934,730	934,931	935,284	935,956
39	E	36100	36100 Structures and Improvements	13,506,930	13,512,718	13,517,234	13,520,152	13,525,245	13,534,969
40	E	36200	36200 Station Equipment	334,455,841	338,811,065	342,208,565	344,404,024	348,235,910	355,552,553
41	E	36410	36410 Customers Transformer Station	42,884,401	43,809,460	44,531,097	44,997,418	45,811,319	47,365,391
42	E	36420	36420 Poles, Towers and Fixtures	388,531,575	388,861,908	389,119,600	389,286,120	389,576,759	390,131,708
43	E	36500	36500 Overhead Conductors, Device	258,244,603	261,968,962	264,874,326	266,751,768	270,028,596	276,285,406
44	E	36600	36600 Underground Conduit	5,032,935	5,035,092	5,036,774	5,037,861	5,039,759	5,043,382
45	E	36700	36700 Undergrmd Conductors,Device	395,394,643	397,227,379	398,657,092	399,580,971	401,193,479	404,272,420
46	E	36800	36800 Line Transformers	284,068,591	284,276,981	284,439,545	284,544,594	284,727,943	285,078,031
47	E	36910	36910 Services	43,923,290	43,942,113	43,956,797	43,966,285	43,982,847	44,014,469
48	E	36920	36920 Services - Underground	198,571,997	198,657,093	198,723,477	198,766,374	198,841,246	198,984,205
49	E	37010	37010 Customers Metering Stations	17,673,983	17,704,859	17,728,946	17,744,510	17,771,676	17,823,547
50	E	37020	37020 Meters	61,072,107	61,098,279	61,118,696	61,131,889	61,154,917	61,198,885
51	E	37100	37100 Installs Customer Premises	8,341,987	8,345,562	8,348,350	8,350,153	8,353,298	8,359,304
52	E	37300	37300 Street Lighting & Signal Sys	48,416,382	48,825,282	49,144,264	49,350,389	49,710,154	50,397,093
53	E	38910	38910 Land, Electric	16,861	16,868	16,874	16,877	16,884	16,896
54	E	38920	38920 Land Rights, Electric	106,087	106,132	106,168	106,191	106,231	106,307
55	E	39000	39000 Structures & Improvemts, Elec	19,732,227	19,740,684	19,747,280	19,751,543	19,758,983	19,773,189
56	E	39020	39020 Leashold Improvements, Elec	201,799	201,885	201,953	201,996	202,072	202,218
57	E	39110	39110 Office Furniture & Eq, Elec	4,277,514	4,279,347	4,280,777	4,281,701	4,283,314	4,286,394
58	E	39120	39120 Computer Equipment, Electric	16,172,070	16,179,000	16,184,407	16,187,900	16,193,998	16,205,641
59	E	39210	39210 Trns Eq - Autos, Electric	24,244	24,254	24,262	24,268	24,277	24,294
60	E	39220	39220 Trns Eq - Trailers, Electric	1,510,807	1,511,455	1,511,960	1,512,286	1,512,856	1,513,944
61	E	39230	39230 Trns Eq - Truck < 13000, Elec	385,685	385,851	385,980	386,063	386,208	386,486
62	E	39240	39240 Trns Eq - Truck > 13000, Elec	566,575	566,817	567,007	567,129	567,343	567,751
63	E	39300	39300 Stores Equipment, Elec	952,055	952,463	952,781	952,987	953,346	954,031
64	E	39400	39400 Tools, Shop & Garage Eq, Elec	21,103,608	21,112,652	21,119,707	21,124,266	21,132,223	21,147,417
65	E	39500	39500 Laboratory Equipment, Elec	7,095,482	7,098,523	7,100,895	7,102,428	7,105,103	7,110,212
66	E	39600	39600 Power Operated Equip, Elec	3,607,747	3,609,293	3,610,499	3,611,279	3,612,639	3,615,236
67	E	39700	39700 Communication Equip, Elec	29,247,853	29,260,387	29,270,165	29,276,483	29,287,511	29,308,568
68	E	39800	39800 Miscellaneous Equip, Elec	2,002,029	2,002,887	2,003,556	2,003,988	2,004,743	2,006,185
69	E		Total Electric Utility Plant	\$ 7,375,465,612	\$ 7,404,761,241	\$ 7,455,153,341	\$ 7,470,557,464	\$ 7,496,110,148	\$ 7,544,215,770

[1]

Northern Indiana Public Service Company LLC

Rate Base: Electric Non Jurisdictional Plant

Model Excerpt: Full Rate Base model available upon request

Workpaper RB 2-S1-R

Page [.11]

Line No.	Segment	Account	Description	Actuals		2019 Forecast					
				12/31/17	12/31/18	01/31/19	02/28/19	03/31/19	04/30/19	05/31/19	06/30/19
	A	B	C	D	E	F	G	H	I	J	K
1	E	35010	MVP	\$ 581,624	\$ 1,843,155	\$ 1,843,155	\$ 1,843,155	\$ 1,843,155	\$ 1,843,155	\$ 1,843,155	\$ 1,843,155
2	E	35020	MVP	111,181	56,531,304	56,531,304	56,531,304	56,531,304	56,531,304	56,531,304	56,531,304
3	E	35200	MVP	3,436,419	22,298,295	22,298,295	22,298,295	22,298,295	22,298,295	22,298,295	22,298,295
4	E	35300	MVP and Hiple Substation Expansion	57,820,289	159,642,881	159,642,881	159,642,881	159,642,881	159,642,881	159,642,881	159,642,881
5	E	35400	MVP	1,460,262	33,823,486	33,823,486	33,823,486	33,823,486	33,823,486	33,823,486	33,823,486
6	E	35500	MVP	(15,421)	198,998,022	198,998,022	198,998,022	198,998,022	198,998,022	198,998,022	198,998,022
7	E	35600	MVP	4,359,868	97,687,749	97,687,749	97,687,749	97,687,749	97,687,749	97,687,749	97,687,749
8	E	39120	MVP	-	932	932	932	932	932	932	932
9	E	39700	MVP	-	19,834	19,834	19,834	19,834	19,834	19,834	19,834
10	E		Total Electric Non Jurisdictional Plant	\$ 67,754,222	\$ 570,845,659	\$ 570,845,659	\$ 570,845,659	\$ 570,845,659	\$ 570,845,659	\$ 570,845,659	\$ 570,845,659
				[.2]	[.2]						[.2]

Northern Indiana Public Service Company LLC

Rate Base: Common Allocated

Model Excerpt: Full Rate Base model available upon request

Workpaper RB 3-S1-R

Page [.12]

Line No.	Segment	Account	Description	Actuals		2019 Forecast					
				12/31/17	12/31/18	01/31/19	02/28/19	03/31/19	04/30/19	05/31/19	06/30/19
	A	B	C	D	E	F	G	H	I	J	K
1	C	30100	30100 Organization, Common	\$ 97,202	\$ 94,145	\$ 94,259	\$ 94,345	\$ 94,412	\$ 94,456	\$ 94,532	\$ 94,677
2	C	30300	30300 Intangible Plant, Common	87,344,411	89,303,857	90,627,205	91,632,030	92,415,892	92,705,131	93,568,129	95,235,120
3	C	30300 NiFit	30301 Intangible Plant, Common	28,701,496	27,903,673	27,903,673	27,903,673	27,903,673	27,903,673	27,903,673	27,903,673
4	C	30300 Other	30302 Intangible Plant, Common	25,298,691	25,263,873	25,263,873	25,263,873	25,263,873	25,263,873	25,263,873	25,263,873
5	C	38910	38910 Land, Common	1,591,487	1,563,476	1,565,365	1,566,799	1,567,917	1,568,640	1,569,902	1,572,311
6	C	38920	38920 Land Rights, Common	23,989	23,235	23,263	23,284	23,301	23,311	23,330	23,366
7	C	38930	38930 Indiana Rights of Way, Common	4,793,679	4,642,899	4,648,508	4,652,766	4,656,088	4,658,235	4,661,982	4,669,136
8	C	39000	39000 Structures & Improvement, Com	68,160,930	68,267,153	68,695,641	69,020,994	69,274,802	69,438,811	69,725,069	70,271,652
9	C	39020	39020 Leasehold Improvements, Com	1,042,992	1,010,186	1,011,406	1,012,333	1,013,056	1,013,523	1,014,338	1,015,895
10	C	39110	39110 Office Furniture & Equip, Com	4,345,945	4,379,734	4,428,432	4,465,409	4,494,254	4,512,894	4,545,427	4,607,546
11	C	39120	39120 Computer Equipment, Common	13,102,723	15,124,999	15,316,769	15,462,380	15,575,972	15,649,374	15,777,489	16,022,112
12	C	39210	39210 Trns Eq - Autos, Common	-	-	1,548	2,723	3,639	4,232	5,265	7,240
13	C	39220	39220 Trns Eq - Trailers, Common	125,885	112,980	113,117	113,220	113,301	113,353	113,444	113,619
14	C	39230	39230 Trns Eq - Truck < 13000, Com	-	-	-	-	-	-	-	-
15	C	39240	39240 Trns Eq - Truck > 13000, Com	147,796	143,147	143,320	143,452	143,554	143,620	143,736	143,956
16	C	39280	39280 Trns Eq - Helicopter, Common	177,241	171,666	171,873	172,031	172,154	172,233	172,372	172,636
17	C	39300	39300 Stores Equipment, Common	2,066,180	1,968,797	1,971,187	1,973,001	1,974,417	1,975,331	1,976,928	1,979,976
18	C	39400	39400 Tools, Shop, Garage Eq, Com	4,657,533	4,300,659	4,323,111	4,340,158	4,353,457	4,362,050	4,377,049	4,405,689
19	C	39500	39500 Laboratory Equipment, Common	722,740	544,261	548,779	552,210	554,886	556,616	559,635	565,399
20	C	39600	39600 Power Operated Equip, Common	540,599	472,460	473,074	473,541	473,905	474,140	474,551	475,335
21	C	39700	39700 Communication Equip, Common	714,723	558,238	566,623	572,990	577,956	581,166	586,767	597,463
22	C	39710	39710 Communication Equip, Common	4,420,888	4,163,500	4,168,530	4,172,349	4,175,328	4,177,253	4,180,613	4,187,028
23	C	39720	39720 Microwave Equipment, Common	12,709,372	12,338,435	12,364,871	12,384,944	12,400,603	12,410,722	12,428,383	12,462,105
24	C	39800	39800 Com Miscellaneous Equip	2,285,652	2,137,300	2,139,882	2,141,842	2,143,371	2,144,360	2,146,084	2,149,378
25	C		Total Common Allocated	\$ 263,072,157	\$ 264,488,674	\$ 266,564,307	\$ 268,140,346	\$ 269,369,811	\$ 269,946,998	\$ 271,312,570	\$ 273,939,184
				[.3]	[.3]						[.3]

Northern Indiana Public Service Company LLC

Rate Base: Cloud Computing / Procure to Pay

Model Excerpt: Full Rate Base model available upon request

Workpaper RB 4-S1-R

Page [.13]

Line No.	Segment	Account	Description	Actuals		2019 Forecast					
				12/31/17	12/31/18	01/31/19	02/28/19	03/31/19	04/30/19	05/31/19	06/30/19
	A	B	C	D	E	F	G	H	I	J	K
1	C	30300	30300 Intangible Plant, Common	\$ -	\$ 621,350	\$ 621,350	\$ 621,350	\$ 621,350	\$ 2,173,427	\$ 2,324,028	\$ 2,474,630
2	C		Total Cloud Computing / Procure to Pay	\$ -	\$ 621,350	\$ 621,350	\$ 621,350	\$ 621,350	\$ 2,173,427	\$ 2,324,028	\$ 2,474,630

[.4]

[.4]

Northern Indiana Public Service Company LLC
Rate Base: Electric Accumulated Depreciation and Amortization
Model Excerpt: Full Rate Base model available upon request

Workpaper RB 5-S1-R
Page [14]

Line No.	Segment	Account	Description	Actuals	
				12/31/17	12/31/18
A	B	C	D	E	
1	E	114000000	Sugar Creek Acquisition	\$ (24,134,877)	\$ (26,675,390)
2	E	30200	30200 Franchises & Consents, Elec	-	-
3	E	30300	30300 Intangible Property, Elec	(39,908,733)	(40,931,416)
4	E	31010	31010 Land	-	-
5	E	31100	31100 Structures and Improvements	(482,158,519)	(442,893,513)
6	E	31210	31210 Boiler Plant Equipment	(1,152,940,970)	(759,124,656)
7	E	31220	31220 Boiler Pl Eq, Mobile Fuel Hdl	(18,454,588)	(16,100,158)
8	E	31230	31230 Boiler Pl Eq, Unit Train Coal	(4,113,291)	(3,926,352)
9	E	31240	31240 Boiler Pl Eq, SO2 Plant	(120,563,694)	(153,532,349)
10	E	31250	31250 Boiler Pl Eq, Coal Pile Base	(6,914,716)	(5,999,830)
11	E	31400	31400 Turbogenerator Units	(403,132,559)	(295,748,306)
12	E	31500	31500 Accessory Elect Equipment	(251,161,117)	(223,953,402)
13	E	31600	31600 Misc Pwr Plant Equipment	(34,025,604)	(23,868,963)
14	E	33010	33010 Land	-	-
15	E	33100	33100 Structures and Improvements	(2,470,004)	(3,020,984)
16	E	33200	33200 Reservoirs, Dams & Waterway	(4,029,401)	(4,766,699)
17	E	33300	33300 Water Wheels, Turbines, Gen	(4,075,402)	(4,129,880)
18	E	33400	33400 Accessory Electric Equipmnt	(778,518)	(844,950)
19	E	33500	33500 Misc Power Plant Equipment	(124,055)	(162,990)
20	E	34020	34020 Land Rights	-	-
21	E	34100	34100 Structures and Improvments	(7,129,498)	(7,406,788)
22	E	34200	34200 Fuel Holders	(12,018,331)	(12,072,342)
23	E	34300	34300 Prime Movers	(36,124,104)	(38,046,625)
24	E	34400	34400 Generators	(19,993,723)	(21,421,278)
25	E	34500	34500 Accessory Electric Eq	(16,783,186)	(17,860,136)
26	E	34600	34600 Misc Power Plant Eq	(2,464,308)	(2,577,311)
27	E	35010	35010 Land	-	-
28	E	35020	35020 Land Rights	(10,180,199)	(10,340,384)
29	E	35200	35200 Structures and Improvements	(9,881,987)	(30,714,697)
30	E	35300	35300 Station Equipment	(212,186,560)	(248,908,382)
31	E	35400	35400 Towers and Fixtures	(84,071,806)	(84,405,538)
32	E	35500	35500 Poles and Fixtures	(74,095,244)	(77,567,870)
33	E	35600	35600 Overhead Conductors, Device	(101,576,799)	(103,223,497)
34	E	35700	35700 Underground Conduit	(70,021)	(681,440)
35	E	35800	35800 Undergrnd Conductors Device	(717,941)	(815,747)
36	E	35900	35900 Roads and Trails	(48,535)	(67,141)
37	E	36010	36010 Land	-	-
38	E	36020	36020 Land Rights	(274,624)	(285,546)
39	E	36100	36100 Structures and Improvements	(8,527,932)	(8,643,820)
40	E	36200	36200 Station Equipment	(122,772,230)	(122,817,315)
41	E	36410	36410 Customers Transformer Station	(26,206,759)	(27,683,828)
42	E	36420	36420 Poles, Towers and Fixtures	(169,835,582)	(179,778,726)
43	E	36500	36500 Overhead Conductors, Device	(176,435,336)	(180,196,740)
44	E	36600	36600 Underground Conduit	(1,872,645)	(1,948,476)
45	E	36700	36700 Undergrnd Conductors,Device	(130,355,255)	(137,718,904)
46	E	36800	36800 Line Transformers	(132,240,364)	(132,654,759)
47	E	36910	36910 Services	(43,878,806)	(43,303,484)
48	E	36920	36920 Services - Underground	(141,820,012)	(142,801,297)
49	E	37010	37010 Customers Metering Stations	(8,454,572)	(8,771,477)
50	E	37020	37020 Meters	(1,707,483)	(6,086,655)
51	E	37100	37100 Installs Customer Premises	(6,119,919)	(6,209,580)
52	E	37300	37300 Street Lighting & Signal Sys	(36,677,611)	(33,015,019)
53	E	38910	38910 Land, Electric	-	-
54	E	38920	38920 Land Rights, Electric	-	-
55	E	39000	39000 Structures & Improvemts, Elec	(10,519,160)	(10,787,516)
56	E	39020	39020 Leashold Improvements, Elec	(67,167)	(96,011)
57	E	39110	39110 Office Furniture & Eq, Elec	(2,414,621)	(2,390,930)
58	E	39120	39120 Computer Equipment, Electric	(39,039,521)	(33,615,426)
59	E	39210	39210 Trns Eq - Autos, Electric	1,055,244	1,055,244
60	E	39220	39220 Trns Eq - Trailers, Electric	(872,999)	(968,727)
61	E	39230	39230 Trns Eq - Truck < 13000, Elec	342,984	329,816
62	E	39240	39240 Trns Eq - Truck > 13000, Elec	(2,028,706)	(2,009,898)
63	E	39300	39300 Stores Equipment, Elec	(695,818)	(736,878)
64	E	39400	39400 Tools, Shop & Garage Eq, Elec	(9,268,576)	(9,083,264)
65	E	39500	39500 Laboratory Equipment, Elec	(5,832,885)	(5,788,402)
66	E	39600	39600 Power Operated Equip, Elec	(5,733,724)	(5,417,184)
67	E	39700	39700 Communication Equip, Elec	(6,940,948)	(6,700,627)
68	E	39800	39800 Miscellaneous Equip, Elec	(1,111,972)	(846,317)
69	E		Total Electric Accumulated Depreciation and Amortization	\$ (4,226,635,285) [5]	\$ (3,770,760,757) [5]

Northern Indiana Public Service Company LLC
Rate Base: Electric Accumulated Depreciation and Amortization
Model Excerpt: Full Rate Base model available upon request

Workpaper RB 5-S1-R
Page [15]

Line No.	Segment	Account	Description	2019 Forecast					
				01/31/19	02/28/19	03/31/19	04/30/19	05/31/19	06/30/19
	A	B	C	D	E	F	G	H	I
1	E	114000000	Sugar Creek Acquisition	\$ (26,887,100)	\$ (27,098,809)	\$ (27,310,519)	\$ (27,522,228)	\$ (27,733,938)	\$ (27,945,648)
2	E	30200	30200 Franchises & Consents, Elec	0	0	0	0	0	1
3	E	30300	30300 Intangible Property, Elec	(40,997,837)	(41,119,425)	(41,280,446)	(41,479,506)	(41,640,989)	(41,719,843)
4	E	31010	31010 Land	7,662	13,480	18,018	20,951	26,070	35,844
5	E	31100	31100 Structures and Improvements	(443,778,308)	(444,799,562)	(445,917,009)	(447,152,884)	(448,237,301)	(448,995,862)
6	E	31210	31210 Boiler Plant Equipment	(762,864,980)	(766,802,070)	(770,876,855)	(775,208,307)	(779,328,389)	(782,926,497)
7	E	31220	31220 Boiler Pl Eq, Mobile Fuel Hdl	(16,143,286)	(16,192,077)	(16,244,813)	(16,302,404)	(16,353,705)	(16,391,571)
8	E	31230	31230 Boiler Pl Eq, Unit Train Coal	(3,940,701)	(3,955,177)	(3,969,741)	(3,984,412)	(3,998,955)	(4,013,222)
9	E	31240	31240 Boiler Pl Eq, SO2 Plant	(156,493,455)	(159,522,320)	(162,598,533)	(165,732,289)	(168,793,909)	(171,701,149)
10	E	31250	31250 Boiler Pl Eq, Coal Pile Base	(6,001,142)	(6,002,791)	(6,004,674)	(6,006,849)	(6,008,632)	(6,009,580)
11	E	31400	31400 Turbogenerator Units	(296,689,519)	(297,692,017)	(298,737,202)	(299,835,020)	(300,864,290)	(301,747,202)
12	E	31500	31500 Accessory Elect Equipment	(224,458,289)	(225,013,994)	(225,605,115)	(226,239,789)	(226,818,125)	(227,276,124)
13	E	31600	31600 Misc Pwr Plant Equipment	(23,951,207)	(24,039,868)	(24,133,000)	(24,231,636)	(24,323,130)	(24,399,371)
14	E	33010	33010 Land	7	11	15	18	22	31
15	E	33100	33100 Structures and Improvements	(3,091,253)	(3,162,673)	(3,234,893)	(3,308,103)	(3,380,016)	(3,449,161)
16	E	33200	33200 Reservoirs, Dams & Waterway	(4,826,472)	(4,886,987)	(4,948,020)	(5,009,689)	(5,070,534)	(5,129,617)
17	E	33300	33300 Water Wheels, Turbines, Gen	(4,149,369)	(4,169,134)	(4,189,093)	(4,209,288)	(4,229,174)	(4,248,400)
18	E	33400	33400 Accessory Electric Equipmnt	(850,343)	(855,787)	(861,266)	(866,789)	(872,256)	(877,605)
19	E	33500	33500 Misc Power Plant Equipment	(166,163)	(169,356)	(172,561)	(175,783)	(178,985)	(182,145)
20	E	34020	34020 Land Rights	285	502	671	781	971	1,335
21	E	34100	34100 Structures and Improvments	(7,335,234)	(7,287,982)	(7,257,656)	(7,248,208)	(7,211,544)	(7,116,773)
22	E	34200	34200 Fuel Holders	(12,072,991)	(12,074,575)	(12,076,809)	(12,079,856)	(12,081,806)	(12,081,423)
23	E	34300	34300 Prime Movers	(37,778,839)	(37,621,051)	(37,539,844)	(37,553,243)	(37,442,837)	(37,068,171)
24	E	34400	34400 Generators	(21,526,923)	(21,636,400)	(21,748,550)	(21,863,975)	(21,975,203)	(22,077,460)
25	E	34500	34500 Accessory Electric Eq	(17,938,186)	(18,021,865)	(18,109,471)	(18,201,886)	(18,288,151)	(18,361,273)
26	E	34600	34600 Misc Power Plant Eq	(2,574,450)	(2,575,572)	(2,579,471)	(2,586,778)	(2,589,701)	(2,593,258)
27	E	35010	35010 Land	1,594	2,804	3,748	4,358	5,423	7,456
28	E	35020	35020 Land Rights	(10,304,765)	(10,280,845)	(10,265,053)	(10,259,388)	(10,240,193)	(10,192,156)
29	E	35200	35200 Structures and Improvements	(30,793,131)	(30,872,698)	(30,953,054)	(31,034,384)	(31,114,444)	(31,191,793)
30	E	35300	35300 Station Equipment	(249,248,534)	(249,826,864)	(250,571,167)	(251,519,686)	(252,203,698)	(252,322,773)
31	E	35400	35400 Towers and Fixtures	(84,379,417)	(84,369,621)	(84,371,160)	(84,386,873)	(84,393,460)	(84,339,296)
32	E	35500	35500 Poles and Fixtures	(77,943,514)	(78,338,438)	(78,746,789)	(79,171,708)	(79,575,011)	(79,932,166)
33	E	35600	35600 Overhead Conductors, Device	(103,050,971)	(102,971,456)	(102,956,616)	(103,022,116)	(102,980,996)	(102,712,492)
34	E	35700	35700 Underground Conduit	(682,770)	(684,118)	(685,478)	(686,853)	(688,209)	(689,522)
35	E	35800	35800 Undergrnd Conductors Device	(823,727)	(831,780)	(839,884)	(848,050)	(856,137)	(864,054)
36	E	35900	35900 Roads and Trails	(67,175)	(67,211)	(67,248)	(67,286)	(67,323)	(67,355)
37	E	36010	36010 Land	271	476	636	740	921	1,266
38	E	36020	36020 Land Rights	(286,371)	(287,216)	(288,076)	(288,955)	(289,809)	(290,612)
39	E	36100	36100 Structures and Improvements	(8,663,316)	(8,683,169)	(8,703,268)	(8,723,673)	(8,743,676)	(8,762,820)
40	E	36200	36200 Station Equipment	(122,450,386)	(122,342,196)	(122,414,252)	(122,708,380)	(122,713,883)	(122,103,068)
41	E	36410	36410 Customers Transformer Station	(27,512,724)	(27,416,920)	(27,373,595)	(27,394,803)	(27,332,552)	(27,092,031)
42	E	36420	36420 Poles, Towers and Fixtures	(181,059,939)	(182,368,277)	(183,695,533)	(185,045,974)	(186,366,702)	(187,623,928)
43	E	36500	36500 Overhead Conductors, Device	(179,415,293)	(178,950,957)	(178,707,233)	(178,736,937)	(178,405,827)	(177,304,952)
44	E	36600	36600 Underground Conduit	(1,953,691)	(1,959,027)	(1,964,445)	(1,969,968)	(1,975,353)	(1,980,446)
45	E	36700	36700 Undergrnd Conductors, Device	(138,030,083)	(138,469,259)	(138,997,559)	(139,635,898)	(140,130,436)	(140,318,010)
46	E	36800	36800 Line Transformers	(133,009,889)	(133,376,700)	(133,751,638)	(134,136,638)	(134,508,403)	(134,851,927)
47	E	36910	36910 Services	(43,307,951)	(43,313,637)	(43,320,170)	(43,327,763)	(43,333,919)	(43,337,014)
48	E	36920	36920 Services - Underground	(142,905,836)	(143,015,937)	(143,129,900)	(143,248,686)	(143,360,992)	(143,459,491)
49	E	37010	37010 Customers Metering Stations	(8,797,052)	(8,824,328)	(8,852,787)	(8,882,706)	(8,910,727)	(8,934,695)
50	E	37020	37020 Meters	(6,519,385)	(6,953,741)	(7,389,240)	(7,826,085)	(8,261,393)	(8,693,388)
51	E	37100	37100 Installs Customer Premises	(6,244,611)	(6,279,893)	(6,315,350)	(6,351,021)	(6,386,426)	(6,421,262)
52	E	37300	37300 Street Lighting & Signal Sys	(33,025,159)	(33,068,543)	(33,135,094)	(33,230,146)	(33,288,291)	(33,267,610)
53	E	38910	38910 Land, Electric	2	3	4	4	5	7
54	E	38920	38920 Land Rights, Electric	10	17	23	27	33	46
55	E	39000	39000 Structures & Improvments, Elec	(10,819,212)	(10,851,407)	(10,883,949)	(10,916,921)	(10,949,331)	(10,980,542)
56	E	39020	39020 Leasehold Improvements, Elec	(98,395)	(100,784)	(103,178)	(105,575)	(107,969)	(110,352)
57	E	39110	39110 Office Furniture & Eq, Elec	(2,405,892)	(2,420,957)	(2,436,094)	(2,451,319)	(2,466,434)	(2,481,317)
58	E	39120	39120 Computer Equipment, Electric	(33,631,450)	(33,647,841)	(33,664,488)	(33,681,453)	(33,697,997)	(33,713,645)
59	E	39210	39210 Trns Eq - Autos, Electric	1,055,248	1,055,248	1,055,249	1,055,250	1,055,252	1,055,255
60	E	39220	39220 Trns Eq - Trailers, Electric	(968,588)	(968,483)	(968,401)	(968,348)	(968,255)	(968,078)
61	E	39230	39230 Trns Eq - Truck < 13000, Elec	329,851	329,878	329,899	329,913	329,936	329,982
62	E	39240	39240 Trns Eq - Truck > 13000, Elec	(2,009,846)	(2,009,806)	(2,009,775)	(2,009,755)	(2,009,721)	(2,009,654)
63	E	39300	39300 Stores Equipment, Elec	(739,098)	(741,340)	(743,598)	(745,875)	(748,128)	(750,328)
64	E	39400	39400 Tools, Shop & Garage Eq, Elec	(9,132,999)	(9,183,231)	(9,233,808)	(9,284,809)	(9,335,269)	(9,384,569)
65	E	39500	39500 Laboratory Equipment, Elec	(5,799,687)	(5,811,136)	(5,822,699)	(5,834,403)	(5,845,923)	(5,857,052)
66	E	39600	39600 Power Operated Equip, Elec	(5,416,853)	(5,416,601)	(5,416,405)	(5,416,278)	(5,416,056)	(5,415,633)
67	E	39700	39700 Communication Equip, Elec	(6,816,813)	(6,933,714)	(7,051,115)	(7,169,118)	(7,286,381)	(7,402,055)
68	E	39800	39800 Miscellaneous Equip, Elec	(854,954)	(863,640)	(872,360)	(881,122)	(889,833)	(898,436)
69	E		Total Electric Accumulated Depreciation and Amortization	\$ (3,782,290,594)	\$ (3,795,798,840)	\$ (3,810,687,738)	\$ (3,827,355,837)	\$ (3,841,839,094)	\$ (3,851,650,658) [15]

Northern Indiana Public Service Company LLC
Rate Base: Electric Non Jurisdictional Plant - Accumulated Depreciation and Amortization
Model Excerpt: Full Rate Base model available upon request

Workpaper RB 7-S1-R
Page [.16]

Line No.	Segment	Account	Description	Actuals		2019 Forecast					
				12/31/17	12/31/18	01/31/19	02/28/19	03/31/19	04/30/19	05/31/19	06/30/19
	A	B	C	D	E	F	G	H	I	J	K
1	E	35010	MVP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	E	35020	MVP	(326)	(244,150)	(285,606)	(327,062)	(368,519)	(409,975)	(451,431)	(492,888)
3	E	35200	MVP	(145,470)	(433,755)	(475,192)	(516,630)	(558,068)	(599,505)	(640,943)	(682,381)
4	E	35300	Hiple Substation Expansion and MVP	(858,400)	(3,649,613)	(3,994,175)	(4,338,738)	(4,683,300)	(5,027,863)	(5,372,426)	(5,716,988)
5	E	35400	MVP	(77,400)	(170,430)	(185,087)	(199,744)	(214,401)	(229,057)	(243,714)	(258,371)
6	E	35500	MVP	36	(2,739,428)	(3,205,415)	(3,671,402)	(4,137,389)	(4,603,376)	(5,069,363)	(5,535,350)
7	E	35600	MVP	(320,860)	(1,115,881)	(1,242,875)	(1,369,869)	(1,496,863)	(1,623,857)	(1,750,851)	(1,877,845)
8	E	39120	MVP	-	(4)	(5)	(6)	(7)	(8)	(9)	(10)
9	E	39700	MVP	-	(13,388)	(13,469)	(13,550)	(13,630)	(13,711)	(13,792)	(13,872)
10	E		Total Electric Non Jurisdictional Plant - Accumulated Depreciation and Amortization	\$ (1,402,421)	\$ (8,366,648)	\$ (9,401,825)	\$ (10,437,001)	\$ (11,472,177)	\$ (12,507,353)	\$ (13,542,529)	\$ (14,577,705) [.6]
				[.6]	[.6]						

Northern Indiana Public Service Company LLC
Rate Base: Common Allocated - Accumulated Depreciation and Amortization
Model Excerpt: Full Rate Base model available upon request

Workpaper RB 8-S1-R
Page [.17]

Line No.	Segment	Account	Description	Actuals		2019 Forecast							
				12/31/17	12/31/18	01/31/19	02/28/19	03/31/19	04/30/19	05/31/19	06/30/19		
	A	B	C	D	E	F	G	H	I	J	K		
1	C	30100	30100 Organization, Common	\$ -	\$ -	\$ 19	\$ 33	\$ 44	\$ 51	\$ 63	\$ 87		
2	C	30300	30300 Intangible Plant, Common	(62,951,442)	(68,193,538)	(68,521,724)	(68,918,509)	(69,364,329)	(69,640,192)	(70,065,184)	(70,387,076)		
3	C	30300 NiFit	30301 Intangible Plant, Common	(8,132,091)	(10,696,408)	(10,928,939)	(11,161,469)	(11,394,000)	(11,626,531)	(11,859,061)	(12,091,592)		
4	C	30300 Other	30302 Intangible Plant, Common	(25,298,691)	(25,263,873)	(25,263,873)	(25,263,873)	(25,263,873)	(25,263,873)	(25,263,873)	(25,263,873)		
5	C	38910	38910 Land, Common	4	4	312	545	727	845	1,050	1,443		
6	C	38920	38920 Land Rights, Common	-	-	5	8	11	12	16	21		
7	C	38930	38930 Indiana Rights of Way, Common	-	-	913	1,606	2,147	2,497	3,106	4,271		
8	C	39000	39000 Structures & Improvement, Com	(30,040,596)	(29,610,894)	(29,708,320)	(29,824,446)	(29,953,616)	(30,098,768)	(30,223,435)	(30,304,320)		
9	C	39020	39020 Leasehold Improvements, Com	(387,426)	(518,663)	(530,505)	(542,406)	(554,348)	(566,338)	(578,280)	(590,121)		
10	C	39110	39110 Office Furniture & Equip, Com	(10,831,976)	(10,455,740)	(10,450,257)	(10,446,710)	(10,444,508)	(10,443,983)	(10,441,206)	(10,433,632)		
11	C	39120	39120 Computer Equipment, Common	(11,232,815)	(12,453,024)	(12,573,812)	(12,704,041)	(12,840,946)	(12,985,536)	(13,121,956)	(13,240,697)		
12	C	39210	39210 Trns Eq - Autos, Common	591,823	572,176	572,428	572,619	572,769	572,865	573,033	573,355		
13	C	39220	39220 Trns Eq - Trailers, Common	377,649	361,316	360,742	360,161	359,576	358,986	358,402	357,831		
14	C	39230	39230 Trns Eq - Truck < 13000, Com	64,393	(38,568)	(38,568)	(38,568)	(38,568)	(38,568)	(38,568)	(38,568)		
15	C	39240	39240 Trns Eq - Truck > 13000, Com	(2,275,707)	(2,204,127)	(2,204,099)	(2,204,077)	(2,204,061)	(2,204,050)	(2,204,031)	(2,203,995)		
16	C	39280	39280 Trns Eq - Helicopter, Common	976,368	945,657	945,691	945,717	945,737	945,750	945,772	945,815		
17	C	39300	39300 Stores Equipment, Common	(862,971)	(892,645)	(899,590)	(906,638)	(913,756)	(920,962)	(928,061)	(934,928)		
18	C	39400	39400 Tools, Shop, Garage Eq, Com	(5,520,105)	(5,195,397)	(5,205,003)	(5,215,557)	(5,226,774)	(5,238,799)	(5,249,807)	(5,258,640)		
19	C	39500	39500 Laboratory Equipment, Common	(654,527)	(398,836)	(403,144)	(407,671)	(412,352)	(417,213)	(421,879)	(426,127)		
20	C	39600	39600 Power Operated Equip, Common	(616,897)	(627,984)	(627,884)	(627,808)	(627,749)	(627,711)	(627,644)	(627,516)		
21	C	39700	39700 Communication Equip, Common	2,750,842	2,759,570	2,757,456	2,754,960	2,752,197	2,749,117	2,746,406	2,744,490		
22	C	39710	39710 Communication Equip, Common	(6,381,970)	(6,332,862)	(6,357,996)	(6,383,358)	(6,408,880)	(6,434,593)	(6,460,085)	(6,485,099)		
23	C	39720	39720 Microwave Equipment, Common	(12,530,284)	(13,041,566)	(13,114,172)	(13,187,979)	(13,262,629)	(13,338,279)	(13,412,764)	(13,484,744)		
24	C	39800	39800 Com Miscellaneous Equip	(1,348,163)	(1,398,378)	(1,405,991)	(1,413,714)	(1,421,515)	(1,429,409)	(1,437,188)	(1,444,717)		
25	C		Total Common Allocated - Accumulated Depreciation and Amortization	\$ (174,304,581)	\$ (182,683,779)	\$ (183,596,311)	\$ (184,611,174)	\$ (185,698,697)	\$ (186,644,682)	\$ (187,705,173)	\$ (188,588,335)	[.7]	

Northern Indiana Public Service Company LLC

Rate Base: Cloud Computing / Procure to Pay - Accumulated Depreciation and Amortization

Model Excerpt: Full Rate Base model available upon request

Workpaper RB 9-S1-R

Page [.18]

Line No.	Segment	Account	Description	Actuals		2019 Forecast					
				12/31/17	12/31/18	01/31/19	02/28/19	03/31/19	04/30/19	05/31/19	06/30/19
	A	B	C	D	E	F	G	H	I	J	K
1	C	30300	30300 Intangible Plant, Common	\$ -	\$ (25,417)	\$ (35,773)	\$ (46,128)	\$ (56,484)	\$ (66,840)	\$ (103,064)	\$ (141,798)
2	C		Total Cloud Computing / Procure to Pay - Accumulated Depreciation and Amortization	\$ -	\$ (25,417)	\$ (35,773)	\$ (46,128)	\$ (56,484)	\$ (66,840)	\$ (103,064)	\$ (141,798) [.8]

[.8]

Workpaper RB 10-S1-R
Page [.1]

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjustment increases the TDSIC Remand Plan Cause No. 44370/44371 Regulatory Asset as of December 31, 2017 to reflect the amounts as of June 30, 2019.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	TDSIC Remand Plan Regulatory Asset Balance as of December 31, 2017		\$ 19,557,256	[.2]
2	Correcting Entry for Incorrect ROC	RB 10A-S1-R-17	(343,125)	[.2]
3	Carrying Charges at 100%	RB 10B-S1-R-17	1,314,686	[.2]
4	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017	RB 10-S1-R-17	\$ 971,561	
5	Normalized balance as of December 31, 2017		<u>\$ 20,528,817</u>	[.5]
6	2018 Actual TDSIC Remand Plan Regulatory Asset			
7	2018 Activity	RB 10-S1-R-18	<u>5,698,344</u>	[.5]
8	TDSIC Remand Plan Regulatory Asset Balance as of December 31, 2018 (Line 5 + 7)		<u>\$ 26,227,161</u>	[.5]
9	2019 Forecasted TDSIC Remand Plan Regulatory Asset			
10	January through June 2019 Activity	RB 10-S1-R-19	<u>2,946,217</u>	[.5]
11	TDSIC Remand Plan Regulatory Asset Balance Forecasted at June 30, 2019 (Line 8 + 10)		<u>\$ 29,173,378</u>	[.5]

Northern Indiana Public Service Company LLC
Twelve Months Ended December 31, 2017 and December 31, 2018
TDSIC Remand Plan Cause No. 44370/44371 Account Balances

<u>Line No.</u>	<u>Account</u>	<u>Description</u>	<u>Net Balance</u>
1	18230653	Cause No. 44688 T&D Settlement Amortization	\$ 506,229
2	18235632	TDSIC Remand Plan Cause No. 44370/44371 Deferrals	<u>21,961,845</u>
3		Balance as of 12/31/17 (Line 1 + Line 2)	\$ 22,468,074
4		Included in Cause No. 44688 T&D Regulatory Asset	<u>2,910,818</u> RB 14
5		TDSIC Remand Plan post Cause No. 44688 Balance (Line 3 - Line 4)	\$ 19,557,256 [.1]
6		6/30/15 - 9/30/16 Carrying Charges on ERC balance	32,483
7		New TDSIC Remand Plan Cause No. 44370/44371 Activity (Line 5 - Line 6)	19,524,773
8		Correcting Entry	<u>(343,125)</u> [.1] [.3]
9		Revised Balance with CC's on 20% Balance	<u>\$ 19,214,131</u> [.5]
10		Total TDSIC Remand Plan Cause No. 44370/44371 Activity (Line 7 + Line 8)	<u>\$ 19,181,648</u> [.4]
December 31, 2018			Net Balance
11	18230653	Cause No. 44688 T&D Settlement Amortization	\$ 506,229
12	18235632	TDSIC Remand Plan Cause No. 44370/44371 Deferrals	<u>25,697,136</u>
13		Balance as of 12/31/18 (Line 1 + Line 2)	\$ 26,203,365
14		Included in Cause No. 44688 T&D Regulatory Asset	<u>2,404,589</u> RB 14
15		TDSIC Remand Plan post Cause No. 44688 Balance (Line 3 - Line 4)	\$ 23,798,776
16		6/30/15 - 9/30/16 Carrying Charges on ERC balance	32,483
17		New TDSIC Remand Plan Cause No. 44370/44371 Activity (Line 5 - Line 6)	23,766,293
18		Carrying Charge Adjustment 2017	<u>1,314,686</u> [.1] [.4]
19		Revised Balance with CC's on 20% Balance	<u>\$ 25,113,462</u> [.5]
20		Total TDSIC Remand Plan Cause No. 44370/44371 Activity (Line 7 + Line 8)	<u>\$ 25,080,979</u> [.4]

Note: Through an account reconciliation process, accounting discovered it had booked the incorrect return on capital for June 2017 - December 2017. This workpaper supports the correction entry to true up the balance to it's correct amount.

Line No.	Component		June 17	July 17	August 17	September 17	October 17	November 17	December 17	Total 2017	
	A		B	C	D	E	F	G	H	I = Sum of B thru H	
	<u>Booked Return on Capital:</u>										
1	Distribution Debt	\$	47,445	\$	47,445	\$	47,445	\$	47,445	\$	330,202
2	Distribution Equity		132,681		132,681		132,681		132,681		934,375
3	Transmission Debt		29,950		29,950		29,950		29,950		205,746
4	Transmission Equity		83,757		83,757		83,757		83,757		581,640
5	Total Return on Capital	\$	293,834	\$	293,834	\$	293,834	\$	293,834	\$	2,051,962
	<u>Corrected Return on Capital:</u>										
6	Distribution Debt	\$	39,538	\$	39,538	\$	39,538	\$	39,538	\$	275,168
7	Distribution Equity		110,568		110,568		110,568		110,568		778,645
8	Transmission Debt		24,959		24,959		24,959		24,959		171,455
9	Transmission Equity		69,797		69,797		69,797		69,797		484,700
10	Total Return on Capital	\$	244,862	\$	244,862	\$	244,862	\$	244,862	\$	1,709,969
11	Accounting Adjustment for Return On Capital (Line 10 - Line 5)									\$	(341,994)
	<u>Booked Carrying Charges:</u>										
12	Distribution Debt	\$	1,675	\$	1,672	\$	1,708	\$	1,765	\$	12,765
13	Distribution Equity		4,854		5,077		5,273		5,471		37,960
14	Transmission Debt		1,105		1,102		1,160		1,264		8,393
15	Transmission Equity		3,203		3,346		3,471		3,665		24,959
16	Total Carrying Charges	\$	10,837	\$	11,197	\$	11,576	\$	12,435	\$	84,077
	<u>Corrected Carrying Charges:</u>										
17	Distribution Debt	\$	1,675	\$	1,664	\$	1,692	\$	1,891	\$	12,590
18	Distribution Equity		4,854		5,053		5,224		5,482		37,442
19	Transmission Debt		1,105		1,097		1,114		1,243		8,282
20	Transmission Equity		3,203		3,331		3,440		3,603		24,632
21	Total Carrying Charges	\$	10,837	\$	11,144	\$	11,470	\$	12,220	\$	82,946
22	Accounting Adjustment for Carrying Charges (Line 21 - Line 16)									\$	(1,131)
23	Total Correcting Entry (Line 11 + Line 22)									\$	(343,125) [-.2]

Northern Indiana Public Service Company LLC
Twelve Months Ended December 31, 2017
RB: Carrying Charge at 100%

Line No.		TDSIC 4 7/31/15	TDSIC 4 8/31/15	TDSIC 4 9/30/15	TDSIC 4 10/31/15	TDSIC 4 11/30/15	TDSIC 4 12/31/15													
TDSIC Remand Plan																				
1	PISCC Balance	\$ 81,763	\$ 198,019	\$ 331,067	\$ 485,624	\$ 725,816	\$ 818,832													
2	Return on Capital Deferral	339,034	678,068	1,017,103	1,356,137	1,695,171	2,208,737													
3	Expense Deferrals	209,357	424,700	647,123	873,891	1,121,967	1,386,293													
4	ROC + Expense Balance (Line 2 + Line 3)	\$ 548,391	\$ 1,102,768	\$ 1,664,226	\$ 2,230,028	\$ 2,817,138	\$ 3,595,030													
5	Balance of Carrying Charges	-	3,007	9,080	18,269	30,653	46,435													
6	WACC	6.57%	6.58%	6.59%	6.59%	6.61%	6.65%													
7	Carrying Charges = ((Line 4 * 100%) + Line 5) * WACC	-	3,007	6,073	9,189	12,384	15,782													
8	TDSIC 1.0 Balance (Line 1 + Line 4 + Line 5)	\$ 630,154	\$ 1,303,794	\$ 2,004,372	\$ 2,733,921	\$ 3,573,607	\$ 4,460,297													
								TDSIC 5 1/31/16	TDSIC 5 2/29/16	TDSIC 5 3/31/16	TDSIC 5 4/30/16	TDSIC 5 5/31/16	TDSIC 5 6/30/16	TDSIC 6 7/31/16	TDSIC 6 8/31/16	TDSIC 6 9/30/16	TDSIC 6 10/31/16	TDSIC 6 11/30/16	TDSIC 6 12/31/16	
TDSIC Remand Plan																				
9	PISCC Balance	\$ 955,199	\$ 1,091,373	\$ 1,228,175	\$ 1,366,401	\$ 1,506,873	\$ 1,516,547	\$ 1,527,524	\$ 1,545,586	\$ 1,559,183	\$ 1,568,458	\$ 1,578,339	\$ 1,581,483							
10	Return on Capital Deferral	2,722,303	3,235,869	3,749,436	4,263,002	4,776,568	5,398,056	6,019,544	6,641,032	7,262,520.16	7,511,420	7,760,319	8,012,515							
11	Expense Deferrals	1,723,145	2,068,186	2,412,104	2,756,060	3,100,446	3,446,695	3,793,135	4,139,774	4,486,132	4,606,322	4,726,989	4,847,072							
12	ROC + Expense Balance (Line 10 + Line 11)	\$ 4,445,449	\$ 5,304,055	\$ 6,161,540	\$ 7,019,062	\$ 7,877,014	\$ 8,844,751	\$ 9,812,679	\$ 10,780,807	\$ 11,748,652	\$ 12,117,742	\$ 12,487,308	\$ 12,859,587							
13	Balance of Carrying Charges	66,129	90,529	119,705	153,676	192,468	235,976	284,861	339,303	399,445	466,867	536,502	608,350							
14	WACC	6.49%	6.49%	6.49%	6.49%	6.49%	6.47%	6.46%	6.47%	6.49%	6.66%	6.64%	6.62%							
15	Carrying Charges = ((Line 12 * 100%) + Line 13) * WACC	19,694	24,400	29,176	33,971	38,793	43,508	48,885	54,443	60,141	67,422	69,635	71,848							
16	TDSIC 1.0 Balance (Line 9 + Line 12 + Line 13)	\$ 5,466,776	\$ 6,485,957	\$ 7,509,420	\$ 8,539,138	\$ 9,576,355	\$ 10,597,275	\$ 11,625,064	\$ 12,665,696	\$ 13,707,280	\$ 14,153,067	\$ 14,602,149	\$ 15,049,420							
								TDSIC 7 1/31/17	TDSIC 7 2/28/17	TDSIC 7 3/31/17	TDSIC 7 4/30/17	TDSIC 7 5/31/17	TDSIC 7 6/30/17	TDSIC 8 7/31/17	TDSIC 8 8/31/17	TDSIC 8 9/30/17	TDSIC 8 10/31/17	TDSIC 8 11/30/17	TDSIC 8 12/31/17	
TDSIC Remand Plan																				
17	PISCC Balance	\$ 1,584,704	\$ 1,586,664	\$ 1,590,380	\$ 1,593,979	\$ 1,597,757	\$ 1,599,681	\$ 1,601,612	\$ 1,603,553	\$ 1,605,511	\$ 1,607,489	\$ 1,609,477	\$ 1,611,477							
18	Return on Capital Deferral	8,264,711	8,516,908	8,769,104	9,021,300	9,273,496	9,518,358	9,763,219	10,008,081	10,252,942	10,497,804	10,742,666	10,983,465							
19	Expense Deferrals	4,963,460	5,080,392	5,194,943	5,312,241	5,429,807	5,547,294	5,664,824	5,782,500	5,900,258	6,018,021	6,135,657	6,254,013							
20	ROC + Expense Balance (Line 18 + Line 19)	\$ 13,228,171	\$ 13,597,300	\$ 13,964,047	\$ 14,333,541	\$ 14,703,304	\$ 15,065,651	\$ 15,428,043	\$ 15,790,581	\$ 16,153,200	\$ 16,515,825	\$ 16,878,322	\$ 17,237,478							
21	Balance of Carrying Charges	681,638	756,982	834,735	915,265	997,990	1,083,169	1,170,642	1,260,551	1,353,196	1,448,752	1,546,808	1,647,379							
22	WACC	6.53%	6.50%	6.50%	6.53%	6.51%	6.51%	6.50%	6.50%	6.52%	6.55%	6.55%	6.55%							
23	Carrying Charges = ((Line 20 * 100%) + Line 21) * WACC	73,288	75,345	77,752	80,530	82,725	85,180	87,473	89,910	92,644	95,556	98,057	100,571							
24	TDSIC 1.0 Balance (Line 17 + Line 20 + Line 21)	\$ 15,494,513	\$ 15,940,947	\$ 16,389,161	\$ 16,842,785	\$ 17,299,050	\$ 17,748,501	\$ 18,200,297	\$ 18,654,686	\$ 19,111,907	\$ 19,572,066	\$ 20,034,608	\$ 20,496,334							
25	12/31/17 Balance with Carrying Charges on 20%																	19,181,648		
26	Adjustment (Line 24 - Line 25)																		Adjustment	\$ 1,314,686
								TDSIC 9 1/31/18	TDSIC 9 2/28/18	TDSIC 9 3/31/18	TDSIC 9 4/30/18	TDSIC 9 5/31/18	TDSIC 9 6/30/18	TDSIC 10 7/31/18	TDSIC 10 8/31/18	TDSIC 10 9/30/18	TDSIC 10 10/31/18	TDSIC 10 11/30/18	TDSIC 10 12/31/18	
TDSIC Remand Plan																				
27	PISCC Balance	\$ 1,613,445	\$ 1,615,433	\$ 1,617,432	\$ 1,619,444	\$ 1,621,468	\$ 1,623,506	\$ 1,625,508	\$ 1,627,537	\$ 1,629,570	\$ 1,631,618	\$ 1,633,676	\$ 1,635,752							
28	Return on Capital Deferral	11,224,264	11,465,064	11,705,863	11,946,662	12,187,462	12,425,349	12,663,236	12,901,123	13,139,009	13,376,896	13,614,783	13,845,290							
29	Expense Deferrals	6,372,297	6,490,566	6,608,741	6,726,890	6,844,479	6,962,730	7,080,831	7,198,932	7,317,019	7,435,032	7,552,864	7,670,691							
30	ROC + Expense Balance (Line 28 + Line 29)	\$ 17,596,561	\$ 17,955,629	\$ 18,314,604	\$ 18,673,552	\$ 19,031,941	\$ 19,388,079	\$ 19,744,067	\$ 20,100,054	\$ 20,456,029	\$ 20,811,928	\$ 21,167,647	\$ 21,515,982							
31	Balance of Carrying Charges	1,749,986	1,855,586	1,963,723	2,074,577	2,188,001	2,304,180	2,420,233	2,539,736	2,661,425	2,785,874	2,912,908	3,042,943							
32	WACC	6.52%	6.55%	6.55%	6.56%	6.56%	6.57%	6.42%	6.47%	6.45%	6.46%	6.46%	6.48%							
33	Carrying Charges = ((Line 30 * 100%) + Line 31) * WACC	102,608	105,600	108,136	110,855	113,423	116,179	116,054	119,503	121,689	124,449	127,035	130,035							
34	TDSIC 1.0 Balance (Line 27 + Line 30 + Line 31)	\$ 20,959,993	\$ 21,426,648	\$ 21,895,758	\$ 22,367,574	\$ 22,841,410	\$ 23,315,765	\$ 23,789,808	\$ 24,267,327	\$ 24,747,024	\$ 25,229,420	\$ 25,714,232	\$ 26,194,677							
35	12/31/18 Balance with Carrying Charges on 20%																	25,080,979		
36	Adjustment (Line 34 - Line 35)																		Adjustment	\$ 1,113,698

Northern Indiana Public Service Company LLC
Rate Base - TDSIC Remand Plan Regulatory Asset Model Excerpt
As of December 31, 2017, December 31, 2018 and June 30, 2019

Workpaper RB 10-S1-R
Page [5]

Line No	TDSIC Remand Plan	12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	6/30/2018	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018	Change from 12/31/17 to 12/31/18 O = Sum of C thru N
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
1	Reg Asset - Current	19,214,131 [2]	20,528,817	20,910,613	21,293,014	21,675,841	22,059,202	22,442,528	22,824,171	23,205,599	23,587,746	23,970,323	24,353,392	24,736,810	1,416,679 [8]
2	Expense Deferral		118,284	118,269	118,175	118,149	117,589	118,251	118,101	118,101	118,088	118,012	117,832	117,827	281,866 [9]
3	CC Deferral		20,745	21,345	21,854	22,399	22,914	23,467	23,438	24,131	24,568	25,122	25,640	26,242	2,861,825 [6]
4	ROC		240,799	240,799	240,799	240,799	240,799	237,887	237,887	237,887	237,887	237,887	237,887	230,507	24,276 [10]
5	PISCC		1,968	1,988	1,999	2,013	2,024	2,038	2,002	2,029	2,033	2,047	2,058	2,076	1,113,698
6	Carrying Charges on 80%	1,314,686 [4]													5,698,344 [1]
7	Balance:	20,528,817 [1]	20,910,613	21,293,014	21,675,841	22,059,202	22,442,528	22,824,171	23,205,599	23,587,746	23,970,323	24,353,392	24,736,810	25,113,462	

Line No	TDSIC Remand Plan	12/31/2018	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	
8	Reg Asset - Current	25,113,462 [2]	26,227,161	26,712,071	27,199,636	27,689,871	28,182,790	28,678,407	
9	Expense Deferral		117,827	117,827	117,827	117,827	117,827	117,827	706,963 [8]
10	CC Deferral		134,460	137,103	139,761	142,434	145,120	147,822	846,700 [9]
11	ROC		230,507	230,507	230,507	230,507	230,507	227,147	1,379,683 [6]
12	PISCC		2,116	2,128	2,139	2,151	2,163	2,175	12,872 [10]
13	Carrying Charges on 80%	1,113,698 [4]							
14	Balance:	26,227,161 [1]	26,712,071	27,199,636	27,689,871	28,182,790	28,678,407	29,173,378	2,946,218 [1]

Workpaper RB 10-S1-R
Page [.6]

Northern Indiana Public Service Company LLC
Rate Base - TDSIC Remand Plan Regulatory Asset Model Excerpt
Forecasted Return On Capital

DISTRIBUTION Return On Capital

Line No.	Filing	Effective Billing	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total Return On Capital
1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O=Sum of C thru N
2	TDSIC-7	December 17 - May 18	\$ 153,180	\$ 153,180	\$ 153,180	\$ 153,180	\$ 153,180	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 765,898
3	TDSIC-8	June 18 - November 18	-	0	-	-	-	153,681	153,681	153,681	153,681	153,681	153,681	-	922,084
4	TDSIC-9	December 18 - May 19	-	-	-	-	-	-	-	-	-	-	-	148,795	148,795
5	2018 Subtotal		\$ 153,180	\$ 153,180	\$ 153,180	\$ 153,180	\$ 153,180	\$ 153,681	\$ 153,681	\$ 153,681	\$ 153,681	\$ 153,681	\$ 153,681	\$ 148,795	\$ 1,836,777

TRANSMISSION Return On Capital

Line No.	Filing	Effective Billing	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total Return On Capital
6	TDSIC-7	December 17 - May 18	\$ 87,620	\$ 87,620	\$ 87,620	\$ 87,620	\$ 87,620	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 438,099
7	TDSIC-8	June 18 - November 18	-	-	-	-	-	\$ 84,206	\$ 84,206	\$ 84,206	\$ 84,206	\$ 84,206	\$ 84,206	-	505,237
8	TDSIC-9	December 18 - May 19	-	-	-	-	-	-	-	-	-	-	-	81,712	81,712
9	2018 Subtotal		\$ 87,620	\$ 87,620	\$ 87,620	\$ 87,620	\$ 87,620	\$ 84,206	\$ 84,206	\$ 84,206	\$ 84,206	\$ 84,206	\$ 84,206	\$ 81,712	\$ 1,025,048
10	TOTAL 2018 ROC (Line 5 + Line 10)		\$ 240,799	\$ 240,799	\$ 240,799	\$ 240,799	\$ 240,799	\$ 237,887	\$ 237,887	\$ 237,887	\$ 237,887	\$ 237,887	\$ 237,887	\$ 230,507	\$ 2,861,825

DISTRIBUTION Return On Capital

Line No.	Filing	6-months ended	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Total Return On Capital
11	TDSIC-9	December 18 - May 19	\$ 148,795	\$ 148,795	\$ 148,795	\$ 148,795	\$ 148,795	\$ -	\$ 743,976
12	TDSIC-10	June 19 - November 19	-	-	-	-	-	146,547	146,547
13	2019 Subtotal		\$ 148,795	\$ 148,795	\$ 148,795	\$ 148,795	\$ 148,795	\$ 146,547	\$ 890,523

TRANSMISSION Return On Capital

Line No.	Filing	6-months ended	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Total Return On Capital
14	TDSIC-9	December 18 - May 19	\$ 81,712	\$ 81,712	\$ 81,712	\$ 81,712	\$ 81,712	\$ -	\$ 408,560
15	TDSIC-10	June 19 - November 19	-	-	-	-	-	80,600	80,600
16	2019 Subtotal		\$ 81,712	\$ 81,712	\$ 81,712	\$ 81,712	\$ 81,712	\$ 80,600	\$ 489,160
17	TOTAL 2019 ROC (Line 14 + Line 18)		\$ 230,507	\$ 230,507	\$ 230,507	\$ 230,507	\$ 230,507	\$ 227,147	\$ 1,379,683

Northern Indiana Public Service Company LLC
Rate Base - TDSIC Remand Plan Regulatory Asset Model Excerpt
Forecasted Return On Capital

Workpaper RB 10-S1-R
Page [.7]

<u>DISTRIBUTION RETURN ON CAPITAL</u>		TDSIC-7		TDSIC-8		TDSIC-9		TDSIC-10	
Balance as of:		6/30/17		12/31/17		6/30/18		12/31/18	
Line No.	Effective Billing Period:	December 17 - May 18		June 18 - November 18		December 18 - May 19		June 19 - November 19	
1	Capital Expenditures	\$	29,545,565	\$	29,921,412	\$	29,909,193	\$	29,909,193
2	Adjustment		5,615		7,290		9,050		
3	Total Capital Expenditures (Line 1 + Line 2)	\$	29,551,179	\$	29,928,702	\$	29,918,243	\$	29,909,193
4	Accumulated Depreciation		(1,271,879)		(1,687,224)		(2,106,066)		(2,517,188)
5	Net Balance (Line 3 + Line 4)	\$	28,279,301	\$	28,241,478	\$	27,812,177	\$	27,392,005
6	WACC	DEBT	EQUITY	DEBT	EQUITY	DEBT	EQUITY	DEBT	EQUITY
7		1.61%	4.89%	1.67%	4.86%	1.81%	4.61%	1.81%	4.61%
8	Return on Capital (Line 5 * Line 7)	\$	455,297	\$	471,633	\$	503,400	\$	495,795
9	Semi-Annual ROC (Line 8 / 2)	\$	227,648	\$	235,816	\$	251,700	\$	247,898
10	Monthly ROC (Line 9 / 6)	\$	37,941	\$	39,303	\$	41,950	\$	41,316
11	Debt + Equity ROC		153,180		153,681		148,795		146,547
<u>TRANSMISSION RETURN ON CAPITAL</u>		TDSIC-7		TDSIC-8		TDSIC-9		TDSIC-10	
Balance as of:		12/31/17		12/31/17		6/30/18		12/31/18	
Line No.	Effective Billing Period:	December 17 - May 18		June 18 - November 18		December 18 - May 19		June 19 - November 19	
12	Capital Expenditures	\$	16,933,871	\$	16,440,984	\$	16,447,758	\$	16,447,758
13	Adjustment		3,957		4,970		5,944		
14	Total Capital Expenditures (Line 11 + Line 12)	\$	16,929,913	\$	16,436,014	\$	16,441,814	\$	16,447,758
15	Accumulated Depreciation		(753,945)		(961,673)		(1,168,548)		(1,382,387)
16	Net Balance (Line 13 + Line 14)	\$	16,175,969	\$	15,474,341	\$	15,273,266	\$	15,065,371
17	WACC	DEBT	EQUITY	DEBT	EQUITY	DEBT	EQUITY	DEBT	EQUITY
18		1.61%	4.89%	1.67%	4.86%	1.81%	4.61%	1.81%	4.61%
19	Return on Capital (Line 15 * Line 17)	\$	260,433	\$	258,422	\$	276,446	\$	272,683
20	Semi-Annual ROC (Line 18 / 2)	\$	130,217	\$	129,211	\$	138,223	\$	136,342
21	Monthly ROC (Line 19 / 6)	\$	21,703	\$	21,535	\$	23,037	\$	22,724
22	Debt + Equity ROC		87,620		84,206		81,712		80,600

DISTRIBUTION EXPENSES

TRANSMISSION EXPENSES**TOTAL 2018 EXPENSES:**

[.5]

Total Expenses	
\$	418,302
	62,539
\$	480,841

Total Expenses	
\$	205,661
	20,461
\$	226,122

[.5]

Northern Indiana Public Service Company LLC
Rate Base - TDSIC Remand Plan Regulatory Asset Model Excerpt
Forecasted Carrying Charges by Component

DISTRIBUTION CARRYING CHARGES

Line No.	Filing	6-months ended	Type	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total Carrying Charges
1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P=Sum of D thru O
2	TDSIC-9	6/30/2018	Depreciation	\$ 3,977	\$ 4,092	\$ 4,188	\$ 4,292	\$ 4,390	\$ 4,496	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,435
3	TDSIC-9	6/30/2018	Property Tax	585	602	616	631	645	664	-	-	-	-	-	-	3,742
4	TDSIC-9	6/30/2018	ROC	7,956	8,203	8,415	8,641	8,856	9,086	-	-	-	-	-	-	51,157
5	TDSIC-10	12/31/2018	Depreciation	-	-	-	-	-	-	4,490	4,623	4,707	4,813	4,913	5,028	28,574
6	TDSIC-10	12/31/2018	Property Tax	-	-	-	-	-	-	663	683	696	712	727	745	4,226
7	TDSIC-10	12/31/2018	ROC	-	-	-	-	-	-	9,091	9,377	9,563	9,795	10,013	10,265	58,105
8	2018 Subtotal			\$ 12,518	\$ 12,897	\$ 13,219	\$ 13,564	\$ 13,891	\$ 14,245	\$ 14,245	\$ 14,683	\$ 14,967	\$ 15,321	\$ 15,653	\$ 16,037	\$ 171,239

TRANSMISSION CARRYING CHARGES

Line No.	Filing	6-months ended	Type	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total Carrying Charges
9	TDSIC-9	6/30/2018	Depreciation	\$ 2,645	\$ 2,711	\$ 2,765	\$ 2,824	\$ 2,879	\$ 2,939	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,764
10	TDSIC-9	6/30/2018	Property Tax	375	383	390	397	404	407	-	-	-	-	-	-	2,357
11	TDSIC-9	6/30/2018	ROC	5,206	5,354	5,479	5,613	5,740	5,876	-	-	-	-	-	-	33,269
12	TDSIC-10	12/31/2018	Depreciation	-	-	-	-	-	-	2,926	3,003	3,049	3,108	3,164	3,230	18,480
13	TDSIC-10	12/31/2018	Property Tax	-	-	-	-	-	-	404	413	417	424	430	437	2,524
14	TDSIC-10	12/31/2018	ROC	-	-	-	-	-	-	5,863	6,031	6,136	6,269	6,393	6,539	37,231
15	2018 Subtotal			\$ 8,226	\$ 8,449	\$ 8,635	\$ 8,835	\$ 9,023	\$ 9,222	\$ 9,193	\$ 9,447	\$ 9,602	\$ 9,801	\$ 9,987	\$ 10,205	\$ 110,626
TOTAL 2018 EXPENSES:				\$ 20,745	\$ 21,345	\$ 21,854	\$ 22,399	\$ 22,914	\$ 23,467	\$ 23,438	\$ 24,131	\$ 24,568	\$ 25,122	\$ 25,640	\$ 26,242	\$ 281,865 [5]

DISTRIBUTION CARRYING CHARGES

Line No.	Filing	6-months ended	Type of Expense	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Total Carrying Charges
16	TDSIC-11	6/30/2019	Depreciation	\$ 25,717	\$ 26,239	\$ 26,765	\$ 27,293	\$ 27,824	\$ 28,358	\$ 162,195
17	TDSIC-11	6/30/2019	Property Tax	3,812	3,890	3,969	4,047	4,127	4,206	24,052
18	TDSIC-11	6/30/2019	ROC	52,761	53,865	54,974	56,090	57,212	58,340	333,242
19	2019 Subtotal			\$ 82,290	\$ 83,994	\$ 85,708	\$ 87,430	\$ 89,162	\$ 90,904	\$ 519,488

TRANSMISSION CARRYING CHARGES

Line No.	Filing	6-months ended	Type of Expense	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Total Carrying Charges
20	TDSIC-11	6/30/2019	Depreciation	\$ 16,418	\$ 16,695	\$ 16,974	\$ 17,255	\$ 17,537	\$ 17,821	\$ 102,700
21	TDSIC-11	6/30/2019	Property Tax	2,197	2,228	2,258	2,289	2,321	2,352	13,645
22	TDSIC-11	6/30/2019	ROC	33,555	34,186	34,821	35,459	36,100	36,745	210,868
23	2019 Subtotal			\$ 52,170	\$ 53,109	\$ 54,054	\$ 55,003	\$ 55,958	\$ 56,918	\$ 327,212
TOTAL 2019 EXPENSES:				\$ 134,460	\$ 137,103	\$ 139,761	\$ 142,434	\$ 145,120	\$ 147,822	\$ 846,701 [5]

Northern Indiana Public Service Company LLC
Rate Base - TDSIC Remand Plan Regulatory Asset Model Excerpt
Actual 2018 and Forecasted 2019 Post In-Service Carrying Charges by Function

Line No.	Filing	6-months ended	Type	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total Carrying Charges
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P=Sum of D thru O
1																
2	TDSIC-9	6/30/2018	Distribution	\$ 1,600	\$ 1,616	\$ 1,625	\$ 1,636	\$ 1,645	\$ 1,656	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,777
3	TDSIC-9	6/30/2018	Transmission	368	372	374	377	379	382	-	-	-	-	-	-	2,252
4	TDSIC-10	12/31/2018	Distribution	-	-	-	-	-	-	\$ 1,627	\$ 1,649	\$ 1,653	\$ 1,664	\$ 1,673	\$ 1,687	9,953
5	TDSIC-10	12/31/2018	Transmission	-	-	-	-	-	-	375	380	381	383	385	389	2,293
6	2018 Subtotal			\$ 1,968	\$ 1,988	\$ 1,999	\$ 2,013	\$ 2,024	\$ 2,038	\$ 2,002	\$ 2,029	\$ 2,033	\$ 2,047	\$ 2,058	\$ 2,076	\$ 24,276 [5]

Line No.	Filing	6-months ended	Type	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Total Carrying Charges
	A	B	C	D	E	F	G	H	I	P=Sum of D thru O
7										
8	TDSIC-11	6/30/2019	Distribution	\$ 1,720	\$ 1,729	\$ 1,739	\$ 1,748	\$ 1,758	\$ 1,768	\$ 10,462
9	TDSIC-11	6/30/2019	Transmission	396	398	401	403	405	407	2,410
10	TDSIC-12	12/31/2019	Distribution	-	-	-	-	-	-	-
11	TDSIC-12	12/31/2019	Transmission	-	-	-	-	-	-	-
12	2019 Subtotal			\$ 2,116	\$ 2,128	\$ 2,139	\$ 2,151	\$ 2,163	\$ 2,175	\$ 12,872 [5]

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjustment increases the 7-Year Electric TDSIC Plan Cause No. 44733 regulatory asset as of December 31, 2017 to reflect the amounts as of June 30, 2019.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	7-Year Electric TDSIC Plan Regulatory Asset Balance as of December 31, 2017		\$ 3,085,322	[.2]
2	2018 7-Year Electric TDSIC Plan Regulatory Asset			
3	2018 7-Year Electric TDSIC Plan Deferrals	RB 11-S1-R-18	4,994,261	[.3]
4	7-Year Electric TDSIC Plan Regulatory Asset Balance as of December 31, 2018 (Line 1 + 3)		<u>\$ 8,079,583</u>	[.2]
5	2019 Budgeted 7-Year Electric TDSIC Plan Regulatory Asset			
6	2019 7-Year Electric TDSIC Plan Deferrals	RB 11-S1-R-19	4,357,409	[.3]
7	7-Year Electric TDSIC Plan Regulatory Asset Balance Budgeted at June 30, 2019 (Line 4 + 6)		<u><u>\$ 12,436,992</u></u>	

Northern Indiana Public Service Company LLC
 7-Year Electric TDSIC Plan Cause No. 44733 Regulatory Asset
 Actuals as of December 31, 2017 and 2018

Account Number: 18235625	As of Dec. 31, 2017		As of Dec. 31, 2018	
TDSIC Non-Trackable Regulatory Asset	\$	3,085,322	\$	8,079,583
		[.1] [.3]		[.1] [.3]

Northern Indiana Public Service Company LLC
Rate Base - 7-Year Electric TDSIC Plan Cause No. 44733 Regulatory Asset Model Excerpt
As of December 31, 2017, 2018 and June 30, 2019

Workpaper RB 11-S1-R
Page [.3]

														Change from 12/31/2017 to 12/31/18
Line No	TDSIC Gas Non-Trackable	12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	6/30/2018	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018
1	Reg Asset - Debt + Expense	\$ 1,376,189	\$ 1,554,473	\$ 1,726,329	\$ 1,898,086	\$ 2,074,310	\$ 2,286,474	\$ 2,478,730	\$ 2,697,751	\$ 2,919,785	\$ 3,146,898	\$ 3,323,706	\$ 3,558,709	\$ 3,761,380
2	Reg Asset - Equity	1,709,133	1,979,992	2,223,969	2,461,670	2,711,271	2,960,418	3,176,343	3,422,843	3,672,010	3,927,504	4,138,119	4,397,057	4,318,203
3	Total 20% Reg Asset	\$ 3,085,322	\$ 3,534,465	\$ 3,950,298	\$ 4,359,756	\$ 4,785,581	\$ 5,246,892	\$ 5,655,073	\$ 6,120,594	\$ 6,591,795	\$ 7,074,402	\$ 7,461,826	\$ 7,955,766	\$ 8,079,583
														[.2] 4,994,261 [-.1]

								Change from 12/31/2018 to 6/30/19
Line No	TDSIC Gas Non-Trackable	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	
4	Reg Asset - Debt + Expense	\$ 4,083,435	\$ 4,417,154	\$ 4,760,438	\$ 5,120,910	\$ 5,490,223	\$ 5,878,527	
5	Reg Asset - Equity	4,656,156	5,009,332	5,375,839	5,762,267	6,159,683	6,558,466	
6	Total 20% Reg Asset	\$ 8,739,591	\$ 9,426,486	\$ 10,136,277	\$ 10,883,177	\$ 11,649,906	\$ 12,436,992	4,357,409 [-.1]

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjustment increases the FMCA regulatory asset as of December 31, 2017 to reflect the amounts as of June 30, 2019.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	FMCA Non-Trackable Regulatory Asset Balance as of December 31, 2017		\$ 739,312	[.2]
2	2018 FMCA Regulatory Asset			
3	2018 FMCA Deferrals	RB 12-S1-R-18	<u>1,221,272</u>	[.3]
4	FMCA Regulatory Asset Balance Budgeted at December 31, 2018 (Line 1 + 3)		<u>\$ 1,960,584</u>	[.2]
5	2019 Budgeted FMCA Regulatory Asset			
6	2019 FMCA Deferrals	RB 12-S1-R-19	<u>2,616,014</u>	[.3]
7	FMCA Regulatory Asset Balance Budgeted at June 30, 2019 (Line 4 + 6)		<u><u>\$ 4,576,598</u></u>	

Northern Indiana Public Service Company LLC
FMCA Regulatory Asset
Actuals as of December 31, 2017, 2018

Line No.	Account	Description	As of Dec. 31, 2017		As of Dec. 31, 2018	
1	18235627	FMCA Electric 20	\$	739,312	\$	1,178,289
2	18235638	FMCA CCR Ele 20		-		782,295
3		Subtotal	\$	739,312	\$	1,960,584
4	18235627	FMCA in Cause No. 44688		203,715		160,827
5		Total Non-Current FMCA Regulatory Asset	\$	943,028	\$	2,121,411
6	18230652	FMCA in Cause No. 44688 - Current		42,888		42,888
7		Total FMCA Regulatory Asset	\$	985,915	\$	2,164,299
Sum of A			\$	246,603	\$	203,715

[.1] [.3]
A
A
RB 14

Northern Indiana Public Service Company LLC
Rate Base - FMCA Regulatory Asset Model Excerpt
As of December 31, 2017, 2018 and June 30, 2019

Workpaper RB 12-S1-R
Page [.3]

Line No	FMCA Gas Non-Trackable	12/31/2017	1/31/2018	2/28/2018	3/31/2018	4/30/2018	5/31/2018	6/30/2018	7/31/2018	8/31/2018	9/30/2018	10/31/2018	11/30/2018	12/31/2018	Change from 12/31/2017 to 12/31/18
1	Reg Asset - Debt	\$ 611,630	\$ 834,928	\$ 850,308	\$ 876,556	\$ 904,594	\$ 925,893	\$ 953,463	\$ 983,835	\$ 1,064,175	\$ 1,128,041	\$ 1,168,506	\$ 1,248,964	\$ 1,381,496	
2	Reg Asset - Equity	<u>127,682</u>	<u>129,973</u>	<u>132,359</u>	<u>142,744</u>	<u>149,232</u>	<u>155,833</u>	<u>162,800</u>	<u>169,539</u>	<u>252,223</u>	<u>328,915</u>	<u>405,862</u>	<u>502,046</u>	<u>579,088</u>	
3	Total 20% Reg Asset	\$ 739,312	\$ 964,902	\$ 982,667	\$ 1,019,300	\$ 1,053,825	\$ 1,081,827	\$ 1,116,263	\$ 1,153,373	\$ 1,316,398	\$ 1,456,956	\$ 1,574,369	\$ 1,751,010	\$ 1,960,584	[.2] \$ 1,221,272 [.1]

Line No	FMCA Gas Non-Trackable	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	Change from 12/31/2018 to 6/30/19
4	Reg Asset - Debt	\$ 1,573,104	\$ 1,867,491	\$ 2,162,425	\$ 2,458,062	\$ 2,754,412	\$ 3,051,392	
5	Reg Asset - Equity	<u>735,620</u>	<u>890,306</u>	<u>1,046,882</u>	<u>1,204,709</u>	<u>1,364,093</u>	<u>1,525,206</u>	
6	Total 20% Reg Asset	\$ 2,308,724	\$ 2,757,797	\$ 3,209,307	\$ 3,662,772	\$ 4,118,505	\$ 4,576,598	\$ 2,616,014 [.1]

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjustment increases the MATS regulatory asset as of December 31, 2017 to reflect the amounts as of June 30, 2019.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	MATS Non-Trackable Regulatory Asset Balance as of December 31, 2017		\$ 297,201	[.2]
2	2018 MATS Regulatory Asset			
3	2018 MATS Deferrals	RB 13-S1-R-18	19,113	[.3]
4	MATS Regulatory Asset Balance Budgeted at December 31, 2018 (Line 1 + 3)		<u>\$ 316,314</u>	[.2]
5	2019 Budgeted MATS Regulatory Asset			
6	2019 MATS Deferrals	RB 13-S1-R-19	-	[.3]
7	MATS Regulatory Asset Balance Budgeted at June 30, 2019 (Line 4 + 6)		<u><u>\$ 316,314</u></u>	

Northern Indiana Public Service Company LLC
MATS Regulatory Asset
Actuals as of December 31, 2017, 2018

Line No.	Account	Description	As of Dec. 31, 2017		As of Dec. 31, 2018	
1	18235623	MATS Non-Trackable Regulatory Asset	\$ 297,201	[.1] [.3]	\$ 316,314	[.1] [.3]
2	18235623	MATS in Cause No. 44688 - Non-Current	182,145	A	143,805	A
3		Total Non-Current MATS Regulatory Asset	\$ 479,347		\$ 460,119	
4	18230654	MATS in Cause No. 44688 - Current	38,345	A	38,345	A
5		Total MATS Regulatory Asset	\$ 517,692		\$ 498,464	
			Sum of A \$	220,491 RB 14	\$	182,151 RB 14

**Northern Indiana Public Service Company LLC
Rate Base - MATS Regulatory Asset Forecast
As of December 31, 2017, 2018 and June 30, 2019**

Workpaper RB 13-S1-R
Page [.3]

[illegible]

Workpaper RB 15-S1-R
Page [.1]

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjustment increases materials and supplies as of December 31, 2017 to reflect budget changes in 2018 as of June 30, 2019, then adjusts the budgeted June 30, 2019 balance for an unbudgeted write off of Bailly material and supplies that occurred in 2018.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	Actual Materials and Supplies - December 31, 2017		\$ 88,576,039	
2	Pro Forma adjustment to Increase/(Decrease) Materials and Supplies as of December 31, 2017		-	
3	Normalized Materials and Supplies as of December 31, 2017		<u>\$ 88,576,039</u>	[.2]
4	Pro Forma adjustment to Increase/(Decrease) Materials and Supplies as of December 31, 2018	RB 15-S1-R-18	<u>(5,487,486)</u>	
5	Actual Materials and Supplies as of December 31, 2018		<u>\$ 83,088,553</u>	[.2]
6	Pro Forma adjustment to Increase/(Decrease) Materials and Supplies as of December 31, 2019	RB 15-S1-R-19	<u>16,711,744</u>	
7	Budgeted Materials and Supplies as of December 31, 2019		<u>\$ 99,800,297</u>	[.2]
8	Pro Forma adjustment to Increase / (Decrease) Materials and Supplies for Ratemaking	RB 15-S1-R-19R	<u>(3,309,187)</u>	
9	Ratemaking Materials and Supplies as of June 30, 2019		<u><u>\$ 96,491,110</u></u>	[.2]

Northern Indiana Public Service Company LLC
Budget Details
Rate Base: Materials and Supplies
As of December 31, 2017, December 31, 2018 and June 30, 2019

Line No.	Description	Actuals		Budget	Rate-making
		2017	2018	6/30/2019	6/30/2019
1	Total NIPSCO Materials and Supplies	\$ 100,162,742 [.3]	\$ 94,985,727 [.3]	\$ 114,090,371	\$ 114,090,371
2	Electric Percentage Allocation	88.43% [.3]	87.47% [.3] A	87.47% A	87.47% A
3	Total Electric Materials and Supplies (Line 1 X Line 2)	\$ 88,576,039 [.1],[.3]	\$ 83,088,553 [.1],[.3]	\$ 99,800,297 [.1]	\$ 99,800,297
4	One-time Bailly Adjustment				\$ (3,309,187) [.6]
5	Total Electric Materials and Supplies (Line 3 + Line 4)				\$ 96,491,110 [.1]

Northern Indiana Public Service Company LLC
Inventory Subledger to PeopleSoft Reconciliation
Materials & Supplies
As of December 31, 2017 and December 31, 2018

Workpaper RB 15-S1-R
Page [.3]

As of December 31, 2017									
Line No.	Inventory Account 154 Location Utility Defined		Common Materials		Electric Materials		Gas Materials		Grand Total
1	Common Inventory Location		\$ 825,294	[.4]	\$ 15,374,306	[.4]	\$ 7,887,704	[.4]	\$ 24,087,304
2	Allocated Common (Ratio O&M)		(825,294)						(825,294)
3	Electric Allocation Percentage	75%			619,796				619,796
4	Gas Allocation Percentage	25%					205,498		205,498
5									
6	Electric Inventory Location		3,986,052	[.4]	60,305,601	[.4]	1,016,963	[.4]	65,308,616
7	Allocated Common & Gas (100% Elec)		(3,986,052)				(1,016,963)		(5,003,015)
8	Electric Allocation Percentage	100%			3,986,052				3,986,052
9	Gas Allocation Percentage	0%			1,016,963				1,016,963
10									
11	Gas Inventory Location		696,326	[.4]	326,163	[.4]	2,024,566	[.4]	3,047,055
12	Allocated Common & Electric (100% Gas)		(696,326)		(326,163)				(1,022,489)
13	Electric Allocation Percentage	100%					696,326		696,326
14	Gas Allocation Percentage	0%					326,163		326,163
15	Total 154 M&S Query Balance		\$ -		\$ 81,302,718		\$ 11,140,257		\$ 92,442,975
16									
17	Difference from M&S Query								
18	vs GL Balance		2,570,695						2,570,695
19	Known Reconciling adjustments per recon				3,199,323		-		3,199,323
20	Remainder to allocate		(628,628)						(628,628)
21	Allocated Difference Using Ratio O&M		628,628						628,628
22	Electric Allocation Percentage	75%			(472,100)				(472,100)
23	Gas Allocation Percentage	25%					(156,528)		(156,528)
24			\$ -		\$ 2,727,224		\$ (156,528)		\$ 2,570,695
25									
26	Per GL Balance		\$ -	A	\$ 84,029,941	B	\$ 10,983,729	C	\$ 95,013,670
27									
28	15400000 Plant Materials-Oth Supplies								\$ 95,013,670

Line No.	Inventory Account 155 Location Utility Defined		Common Materials		Electric Materials		Gas Materials		Grand Total
1	Common Inventory Location						\$ 3,872	[.5]	\$ 3,872
2	Allocated Common (Ratio O&M)								
3	Electric Allocation Percentage	75%							
4	Gas Allocation Percentage	25%							
5	Total 155 M&S Query Balance		\$ -		\$ -		\$ 3,872		\$ 3,872
6									
7	Difference from M&S Query								
8	vs GL Balance		\$ 4,424						\$ 4,424
9	Allocated Difference Using 100% Gas		\$ (4,424)						\$ (4,424)
10	Electric Allocation Percentage	0%					\$ 4,424		\$ 4,424
11	Gas Allocation Percentage	100%							\$ -
12			\$ -		\$ -		\$ 4,424		\$ 4,424
13									
14	Per GL Balance		\$ -	E	\$ -	F	\$ 8,295	G	\$ 8,295
15									
16	15500000 Merchandise								\$ 8,295
17									
18									
19									
20	Allocate Stores Account 163								
21	Inventory Account 154		\$ -	A	\$ 84,029,941	B	\$ 10,983,729	C	\$ 95,013,670
22	Inventory Account 155		-	E	-	F	8,295	G	8,295
23			\$ -		\$ 84,029,941		\$ 10,992,024		\$ 95,021,965
24									
25									
26									
27	16300000 Stores Exp Undistributed		\$ 49,240,069						\$ 49,240,069
28	16300080 Stores Expense Credit		\$ (44,099,293)						\$ (44,099,293)
29	Net Balance to Allocate on SFH rate		\$ 5,140,777		\$ 4,546,098		\$ 594,679		\$ 5,140,777
30									
31	Stores Freight & Handling rate		5.41%						
32	Total M&S (Line 23 + Line 29)				\$ 88,576,039	[.2]	\$ 11,586,703		\$ 100,162,742
33	Electric/Gas Split				88.43%	[.2]	11.57%		

Northern Indiana Public Service Company LLC
Inventory Subledger to PeopleSoft Reconciliation
Materials & Supplies
As of December 31, 2017 and December 31, 2018

Workpaper RB 15-S1-R
Page [3]

As of December 31, 2018									
Line No.	Inventory Account 154 Location Utility Defined	Common Materials	Electric Materials	Gas Materials	Grand Total				
1	Common Inventory Location	\$ 762,949 [4]	\$ 17,284,465 [4]	\$ 8,338,569 [4]	\$ 26,385,984				
2	Allocated Common (Ratio O&M)	(762,949)			(762,949)				
3	Electric Allocation Percentage	75%	568,550		568,550				
4	Gas Allocation Percentage	25%		194,399	194,399				
5									
6	Electric Inventory Location	3,584,012 [4]	53,491,699 [4]	958,851 [4]	58,034,562				
7	Allocated Common & Gas (100% Elec)	(3,584,012)		(958,851)	(4,542,863)				
8	Electric Allocation Percentage	100%	3,584,012		3,584,012				
9	Gas Allocation Percentage	0%	958,851		958,851				
10									
11	Gas Inventory Location	669,339 [4]	332,916 [4]	2,029,230 [4]	3,031,486				
12	Allocated Common & Electric (100% Gas)	(669,339)	(332,916)		(1,002,256)				
13	Electric Allocation Percentage	100%		669,339	669,339				
14	Gas Allocation Percentage	0%		332,916	332,916				
15	Total 154 M&S Query Balance	\$ -	\$ 75,887,577	\$ 11,564,454	\$ 87,452,032				
16									
17	Difference from M&S Query								
18	vs GL Balance	1,523,293			1,523,293				
19	Known Reconciling adjustments per recon		3,199,323	-	3,199,323				
20	Remainder to allocate	(1,676,030)			(1,676,030)				
21	Allocated Difference Using Ratio O&M	1,676,030			1,676,030				
22	Electric Allocation Percentage	75%	(1,248,978)		(1,248,978)				
23	Gas Allocation Percentage	25%		(427,052)	(427,052)				
24		\$ -	\$ 1,950,346	\$ (427,052)	\$ 1,523,293				
25									
26	Per GL Balance	\$ - A	\$ 77,837,923 B	\$ 11,137,402 C	\$ 88,975,325 D				
27									
28	15400000 Plant Materials-Oth Supplies				\$ 88,975,325				

Line No.	Inventory Account 155 Location Utility Defined	Common Materials	Electric Materials	Gas Materials	Grand Total
1	Common Inventory Location			\$ 3,530 [5]	\$ 3,530
2	Allocated Common (Ratio O&M)				
3	Electric Allocation Percentage	75%			
4	Gas Allocation Percentage	25%			
5	Total 155 M&S Query Balance	\$ -	\$ -	\$ 3,530	\$ 3,530
6					
7	Difference from M&S Query				
8	vs GL Balance	\$ 4,422			\$ 4,422
9	Allocated Difference Using 100% Gas	(4,422)			(4,422)
10	Electric Allocation Percentage	0%		\$ 4,422	\$ 4,422
11	Gas Allocation Percentage	100%			\$ -
12		\$ -	\$ -	\$ 4,422	\$ 4,422
13					
14	Per GL Balance	\$ - E	\$ - F	\$ 7,952 G	\$ 7,952 H
15					
16	15500000 Merchandise				\$ 7,952
17					
18					
19					
20	Allocate Stores Account 163	Common Materials	Electric Materials	Gas Materials	Grand Total
21	Inventory Account 154	\$ - A	\$ 77,837,923 B	\$ 11,137,402 C	\$ 88,975,325 D
22	Inventory Account 155	\$ - E	\$ - F	\$ 7,952 G	\$ 7,952 H
23		\$ -	\$ 77,837,923	\$ 11,145,354	\$ 88,983,277
24					
25					
26					
27	16300000 Stores Exp Undistributed	\$ 59,409,950			\$ 59,409,950
28	16300080 Stores Expense Credit	(53,407,500)			(53,407,500)
29	Net Balance to Allocate on SFH rate	\$ 6,002,450	\$ 5,250,630	\$ 751,820	\$ 6,002,450
30					
31	Stores Freight & Handling rate	6.75%			
32	Total M&S (Line 23 + Line 29)		\$ 83,088,553 [2]	\$ 11,897,175	\$ 94,985,727 [2]
33	Electric/Gas Split		87.47% [2]	12.53%	

Northern Indiana Public Service Company LLC
Inventory Subledger Details
Account 154, Materials and Supplies
As of December 31, 2017 and December 31, 2018

Workpaper RB 15-S1-R
Page [4]

	Location Utility Defined Account	Common 154			
As of December 31, 2017					
Line No.	Sum of Inventory Value Location	Item Class Utility			Grand Total
		Common	Electric	Gas	
1	010-Hammond LOA	\$ 6,416.9	\$ 492,315.8	\$ 43,746.9	\$ 542,479.5
2	015-Hammond Microwave	1,512	999		2,511
3	030-Crown Point LOA	6,145	473,341	99,936	579,422
4	050-Valparaiso LOA	4,288	343,645	131,714	479,647
5	070-Plymouth LOA	3,331	286,029	179,490	468,849
6	090-Angola LOA	2,399	356,200	255	358,855
7	098-Auburn LOA	3,568	3,919	242,713	250,201
8	100-Monticello LOA	7,220	486,222	93,957	587,399
9	101-Kentland LOA	24	3,139	5,652	8,816
10	110-Goshen LOA	10,069	783,913	148,980	942,962
11	111-Warsaw Boggs Park	204	23,021	5,555	28,780
12	150-Gary LOA	29,609	1,192,358	236,813	1,458,780
13	160-LaPorte LOA	3,678	327,562	77,463	408,703
14	520-Construction - Gary		1,124,352	2,177,950	3,302,302
15	940-Central Warehouse - Val	746,829	9,477,290	4,443,478	14,667,597
16	Grand Total	\$ 825,294	\$ 15,374,306	\$ 7,887,704	\$ 24,087,304
		[.3]	[.3]	[.3]	

As of December 31, 2018				
Item Class Utility				
Common	Electric	Gas	Grand Total	
\$ 5,382.2	\$ 687,487.8	\$ 81,880.6	\$ 774,750.6	
1,512	999		2,511	
5,117	669,204	194,990	869,311	
4,432	422,998	134,572	562,002	
3,542	395,620	198,358	597,520	
2,608	537,964	191	540,762	
3,054	4,089	260,324	267,468	
6,697	650,224	93,483	750,404	
24	3,257	5,335	8,616	
8,691	859,995	172,173	1,040,859	
22	22,003	5,261	27,286	
30,032	1,357,269	310,080	1,697,381	
3,506	492,354	106,834	602,694	
	1,194,345	2,255,308	3,449,654	
688,329	9,986,657	4,519,780	15,194,766	
\$ 762,949	\$ 17,284,465	\$ 8,338,569	\$ 26,385,984	
[.3]	[.3]	[.3]		

	Location Utility Defined Account	Electric 154			
	Sum of Inventory Value Location	Item Class Utility Common			Grand Total
		Electric	Gas		
17	104-Fowler Substation	\$ -	\$ 6,431.81	\$ -	\$ 6,431.81
18	510-Michigan City Gen Station	494,513	3,690,352	169,193	4,354,057
19	550-Service Center - Valpo	91,217	37,380,635		37,471,852
20	700-Bailey Gen Station	534,531	3,118,800	23,087	3,676,419
21	720-Schahfer Gen Station	2,190,293	14,842,498	709,214	17,742,005
22	730-Electric Meter - Gary	5,098	339,358		344,455
23	890-Sugar Creek Gen Station	670,401	927,470	115,469	1,713,340
24	888-Field Adjustment Tickets		57		57
25	Grand Total	\$ 3,986,052	\$ 60,305,601	\$ 1,016,963	\$ 65,308,616
		[.3]	[.3]	[.3]	

Item Class Utility			
Common	Electric	Gas	Grand Total
\$ 6,406.13			\$ 6,406.13
545,441	4,231,547	160,847	4,937,835
95,635	32,134,244		32,229,879
-	-	-	-
2,283,918	15,835,640	683,932	18,803,489
4,513	355,263		359,776
654,505	928,596	114,072	1,697,174
	3		3
\$ 3,584,012	\$ 53,491,699	\$ 958,851	\$ 58,034,562
[.3]	[.3]	[.3]	

Location Utility Defined Account		Gas 154				
Sum of Inventory Value Location		Item Class Utility			Grand Total	
	Common	Electric	Gas			
26	060-South Bend LOA	\$ 9,974	\$ 4,859	\$ 318,303	\$ 333,136	
27	180-Peru LOA	2,271	2,427	108,558	113,256	
28	220-Fort Wayne LOA	69,552	8,286	337,753	415,591	
29	250-Kokomo LOA	17,943	4,744	209,816	232,503	
30	570-Gas Measurement - Gary	472,012	48,740	827,078	1,347,831	
31	572-Royal Center UGS	87,381	163,617	130,036	381,034	
32	573-LNG Ops - Rolling Prairie	37,192	93,491	93,021	223,703	
33	Grand Total	\$ 696,326	\$ 326,163	\$ 2,024,566	\$ 3,047,055	
		[.3]	[.3]	[.3]		

Item Class Utility			
Common	Electric	Gas	Grand Total
\$ 10,486	\$ 3,581	\$ 321,895	\$ 335,963
2,114	2,423	132,807	137,345
88,049	8,441	395,969	492,459
16,760	12,723	220,867	250,350
435,731	49,326	715,731	1,200,787
77,898	169,170	148,215	395,283
38,300	87,253	93,746	219,299
\$ 669,339	\$ 332,916	\$ 2,029,230	\$ 3,031,486
[.3]	[.3]	[.3]	

Northern Indiana Public Service Company LLC
Inventory Subledger
Account 155, Merchandise
As of December 31, 2017 and December 31, 2018

Location Utility Defined Account		Common 155			
Line No.	Sum of Inventory Value Location	As of December 31, 2017		As of December 31, 2018	
		Item Class Utility		Item Class Utility	
		Gas	Grand Total	Gas	Grand Total
1	070-Plymouth LOA	\$ 26.82	\$ 26.82	\$ 26.14	\$ 26.14
2	100-Monticello LOA	42.29	42.29	42.29	42.29
3	150-Gary LOA	178.82	178.82	174.25	174.25
4	940-Central Warehouse - Valpo	3,623.61	3,623.61	3,287.13	3,287.13
5	Grand Total	\$ 3,871.54	\$ 3,871.54	\$ 3,529.81	\$ 3,529.81

[.3]

[.3]

Northern Indiana Public Service Company LLC
Journal Entry for Bailly Obsolete

Line No.	Select	Line	Unit	Ledger	Account	Charged Dept	Home Dept	Affiliate	Cost Element	Activity	Cost Object	Location	PC Bus Unit	Project	Work Order	An Type	Source Type	Category	Subcategory	Billing Pool	Segment	Book Code	Currency	Amount	Stat	Stat Amt	UOM	Journal Line Description
1	N	1	59	ACTUALS	50600000	2275029	2275029	59	2017	28200	301D		99999	M	NIPSCO_O	BAILLYOE	ACT				E	R	USD	3,309,187.47				Misc Steam Power Exp
2	N	2	59	ACTUALS	18608000			59														R	USD	-3,309,187.47				Def Debit-Current

OBS-BAI-02

	Select	Line	Unit	Ledger	Account	Charged Dept	Home Dept	Affiliate	Cost Element	Activity	Cost Object	Location	PC Bus Unit	Project	Work Order	An Type	Source Type	Category	Subcategory	Billing Pool	Segment	Book Code	Currency	Amount	Stat	Stat Amt	UOM	Journal Line Description
3	N	1	59	ACTUALS	18608000			59														R	USD	3,309,187.47				Def Debit-Current
4	N	2	59	ACTUALS	15400000			59														R	USD	-3,309,187.47				Plant Materials-Oth Supplies

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Rate Base
As of June 30, 2019

This pro forma adjusts the December 31, 2017 Production Fuel Balance to reflect projected balances as of December 31, 2018 and June 30, 2019, and adjusts the budget based on PROMOD Rate Case Scenario 1 and PROMOD Rate Case Scenario 2 - approval of new service structure.

Line No.	Description	Adjustment	Amount	Page Reference
	A	B	C	D
1	2017 Actual Production Fuel Balance		\$ 80,046,953	[.2]
2	2018 Actual Production Fuel Balance			
3	Increase/(Decrease) in Historical Base Period 2017 to Forward 2018 Period	RB 16-S1-R-18	(45,329,531)	
4	Production Fuel Balance as of December 31, 2018		\$ 34,717,422	[.2]
5	2019 Budgeted Production Fuel Balance			
6	Increase/(Decrease) in Forward 2018 Period to Forward 2019 Test Year	RB 16-S1-R-19	10,271,680	
7	Production Fuel Balance as of June 30, 2019		\$ 44,989,102	[.2]
8	<u>Ratemaking Adjustments</u>			
9	2019 Ratemaking Increase / (Decrease)	RB 16-S1-R-19R	6,464,573	
10	2019 Ratemaking Production Fuel Balance		\$ 51,453,675	[.2]
11	<u>New Service Structure Adjustments</u>			
12	2019 New Service Structure Increase / (Decrease)	RB 16-S1-R-19SS	(1,560,369)	
13	2019 New Service Structure Production Fuel Balance		\$ 49,893,306	[.2]

Northern Indiana Public Service Company LLC
Budget Details
Rate Base: Production Fuel
As of December 31, 2017, December 31, 2018 and June 30, 2019

Workpaper RB 16-S1-R
Page [.2]

Line No.	Segment	Description	Actuals		Budget		2019R	2019SS
			2017	2018	6/30/19			
1	Electric	Production Fuel	\$ 80,046,953 [.1] [.3]	\$ 34,717,422 [.1] [.3]	\$ 44,989,102 [.1]		\$ 51,453,675 [.1],[.4]	\$ 49,893,306 [.1],[.5]

Workpaper RB 16-S1-R

Page [.3]

Northern Indiana Public Service Company LLC

Rate Base - Fuel Production Balance

As of December 31, 2017 and December 31, 2018

Line No.	Account	Description	Balance as of December 31, 2017	Balance as of December 31, 2018
	A	B	C	D
1	15100000	Fuel Stock - Electric	\$ 69,636,054	\$ 31,679,151
2	15100010	Fuel Stock-Elec-Unallocated	(186,024)	(294,349)
3	15101000	Fuel Stock - Gas	(0)	400
4	15200000	Fuel Stock Exp Undistr	10,596,924	3,332,221
5		Total (Sum of Lines 1 thru 4)	<u>\$ 80,046,953</u>	<u>\$ 34,717,422</u>

[.2]

[.2]

Northern Indiana Public Service Company LLC
Budget Details - Based on PROMOD Rate Case Scenario 1
Rate Base: Production Fuel
As of December 31, 2018 and June 30, 2019

Worksheet RB 16-S1-R
Page [4]

Line No.	Pile	Pile-Fuel Stock \$/Ton	01/31/18	02/28/18	03/31/18	04/30/18	05/31/18	06/30/18	07/31/18	08/31/18	09/30/18	10/31/18	11/30/18	12/31/18
		Target												
1	BGS-IL Basin #1	188,000	53,760	49,899	14,577	3,498	0	0	0	0	0	0	0	0
2	MCGS-Pitt-#2	24,000	33,846	37,334	30,818	39,198	16,546	39,756	47,594	54,344	51,067	47,562	48,686	53,500
3	MCGS-PRB #4	112,500	99,493	152,569	112,435	119,924	141,457	124,101	103,812	120,245	105,383	101,755	104,034	104,034
4	RMSGG-ILB #1	49,000	0	15,034	15,034	7,985	3,735	3,735	3,735	22,751	46,630	75,630	84,099	81,428
5	RMSGG-Pitt #4	44,000	24,638	9,860	6,190	9,860	30,875	12,862	8,957	0	0	0	0	0
6	RMSGG-PRB #2	444,000	833,956	818,603	745,600	715,546	513,026	493,633	421,593	340,968	424,201	296,174	385,042	442,834
7	RMSGG-ILB #5	324,000	303,305	341,556	401,829	419,034	451,127	353,152	280,072	243,272	246,171	276,464	324,331	300,009
8	Total Inventory Tons	1,136,500	1,348,996	1,424,854	1,326,482	1,315,045	1,156,765	1,027,239	886,050	765,146	888,313	801,212	943,913	981,805
9		% Target	118.7%	125.4%	138.3%	138.3%	122.0%	108.3%	98.0%	84.6%	98.2%	88.6%	104.4%	108.5%
10	BGS-IL Basin #1		\$ 3,108,717	\$ 2,995,710	\$ 993,560	\$ 457,686	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	MCGS-Pitt-#2		2,341,904	2,690,317	1,964,231	2,442,623	999,051	2,874,073	2,874,073	3,967,989	3,747,386	3,507,630	3,608,517	3,985,141
12	MCGS-PRB #4		4,231,894	6,318,617	4,624,909	4,988,832	5,728,774	5,149,011	5,149,011	4,350,403	5,064,230	4,460,496	4,328,489	4,447,562
13	RMSGG-ILB #1		-	851,078	795,602	691,510	333,825	333,825	333,825	2,054,069	4,231,044	6,896,695	7,707,324	7,499,806
14	RMSGG-Pitt #4		1,466,494	622,903	397,664	397,664	50,463	55,933	39,145	-	-	-	-	-
15	RMSGG-PRB #2		38,432,580	37,745,846	34,349,254	32,095,199	23,304,881	22,049,151	18,925,471	15,382,713	19,233,436	13,495,779	17,632,966	20,380,969
16	RMSGG-ILB #5		18,609,813	21,042,602	24,270,348	24,711,085	26,772,207	21,310,579	16,985,116	14,827,123	15,078,833	17,019,060	20,065,575	18,653,634
17	Total Inventory Dollars		\$ 68,191,402	\$ 71,415,995	\$ 66,599,965	\$ 65,093,088	\$ 56,855,376	\$ 51,438,746	\$ 43,972,815	\$ 38,528,228	\$ 43,123,885	\$ 38,482,965	\$ 45,635,546	\$ 47,467,307
18	BGS-IL Basin #1	Line 10 / Line 1	\$57.83	\$60.04	\$68.16	\$130.83	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	MCGS-Pitt-#2	Line 11 / Line 2	\$69.19	\$72.06	\$63.74	\$62.31	\$60.38	\$72.29	\$72.65	\$73.02	\$73.38	\$73.75	\$74.12	\$74.49
20	MCGS-PRB #4	Line 12 / Line 3	\$42.53	\$41.41	\$41.13	\$41.60	\$40.50	\$41.49	\$41.70	\$41.91	\$42.12	\$42.33	\$42.54	\$42.75
21	RMSGG-ILB #1	Line 13 / Line 4	\$0.00	\$56.61	\$52.92	\$86.61	\$89.39	\$89.39	\$89.84	\$90.28	\$90.74	\$91.19	\$91.65	\$92.10
22	RMSGG-Pitt #4	Line 14 / Line 5	\$59.52	\$63.18	\$64.25	\$40.33	\$1.63	\$4.35	\$4.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	RMSGG-PRB #2	Line 15 / Line 6	\$46.08	\$46.11	\$46.07	\$44.85	\$45.43	\$44.67	\$44.89	\$45.11	\$45.34	\$45.57	\$45.79	\$46.02
24	RMSGG-ILB #5	Line 16 / Line 7	\$61.36	\$61.61	\$60.40	\$58.97	\$59.35	\$60.34	\$60.65	\$60.95	\$61.25	\$61.56	\$61.87	\$62.18

Line No.	Pile	Pile-Fuel Stock \$/Ton	01/31/19	02/28/19	03/31/19	04/30/19	05/31/19	06/30/19
		Target						
25	BGS-IL Basin #1	188,000	0	0	0	0	0	0
26	MCGS-Pitt-#2	24,000	36,320	30,428	30,428	45,428	58,712	46,970
27	MCGS-PRB #4	112,500	99,872	115,824	115,824	115,824	105,631	112,468
28	RMSGG-ILB #1	49,000	74,326	68,924	62,721	57,703	72,129	61,310
29	RMSGG-Pitt #4	44,000	0	0	0	0	0	0
30	RMSGG-PRB #2	444,000	456,223	468,721	445,285	449,738	452,301	443,255
31	RMSGG-ILB #5	324,000	362,428	352,031	337,950	344,709	348,156	341,193
32	Total Inventory Tons	1,136,500	1,029,169	1,035,928	992,208	1,013,402	1,036,930	1,005,195
33		% Target	113.8%	114.5%	109.7%	112.0%	114.6%	111.1%
34	BGS-IL Basin #1		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35	MCGS-Pitt-#2		2,714,089	2,281,096	2,288,418	3,427,500	4,443,985	3,566,600
36	MCGS-PRB #4		4,265,350	4,943,267	4,939,905	4,936,546	4,499,069	4,786,993
37	RMSGG-ILB #1		6,503,415	5,729,211	4,952,903	4,328,837	5,140,494	4,150,949
38	RMSGG-Pitt #4		-	-	-	-	-	-
39	RMSGG-PRB #2		20,971,986	21,520,647	20,420,081	20,599,533	20,692,090	20,253,914
40	RMSGG-ILB #5		21,858,648	20,700,798	19,475,310	19,467,520	19,367,263	18,695,219
41	Total Inventory Dollars		\$ 56,313,488	\$ 55,175,018	\$ 52,076,618	\$ 52,759,936	\$ 54,142,900	\$ 51,453,675
42	BGS-IL Basin #1	Line 34 / Line 25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
43	MCGS-Pitt-#2	Line 35 / Line 26	\$74.73	\$74.97	\$75.21	\$75.45	\$75.69	\$75.93
44	MCGS-PRB #4	Line 36 / Line 27	\$42.71	\$42.68	\$42.65	\$42.62	\$42.59	\$42.56
45	RMSGG-ILB #1	Line 37 / Line 28	\$87.50	\$83.12	\$78.97	\$75.02	\$71.27	\$67.70
46	RMSGG-Pitt #4	Line 38 / Line 29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
47	RMSGG-PRB #2	Line 39 / Line 30	\$45.97	\$45.91	\$45.86	\$45.80	\$45.75	\$45.69
48	RMSGG-ILB #5	Line 40 / Line 31	\$60.31	\$58.80	\$57.63	\$56.48	\$55.63	\$54.79

[2]

Northern Indiana Public Service Company LLC
Budget Details for New Service Structure - Based on PROMOD Rate Case Scenario 2
Rate Base: Production Fuel
As of December 31, 2018 and June 30, 2019

Workpaper RB 16-S1-R
Page [.5]

Line No.	Pile	Pile-Fuel Stock \$/Ton	01/31/18	02/28/18	03/31/18	04/30/18	05/31/18	06/30/18	07/31/18	08/31/18	09/30/18	10/31/18	11/30/18	12/31/18
Target														
1	BGS-IL Basin #1	188,000	53,760	49,899	14,577	3,498	0	0	0	0	0	0	0	0
2	MCGS-Pitt-#2	24,000	33,846	37,334	30,818	39,198	16,546	39,756	47,594	54,344	51,067	47,562	48,686	53,500
3	MCGS-PRB #4	112,500	99,493	152,569	112,435	119,924	141,457	124,101	124,101	103,812	120,245	105,383	101,755	104,034
4	RMSGs-ILB #1	49,000	0	15,034	15,034	7,985	3,735	3,735	3,735	22,751	46,630	75,630	84,099	81,428
5	RMSGs-Pitt #4	44,000	24,638	9,860	6,190	9,860	30,875	12,862	8,957	0	0	0	0	0
6	RMSGs-PRB #2	444,000	833,956	818,603	745,600	715,546	513,026	493,633	421,593	340,968	424,201	296,174	385,042	442,834
7	RMSGs-ILB #5	324,000	303,305	341,556	401,829	419,034	451,127	353,152	280,072	243,272	246,171	276,464	324,331	300,009
8	Total Inventory Tons	1,136,500	1,348,996	1,424,854	1,326,482	1,315,045	1,156,765	1,027,239	886,050	765,146	888,313	801,212	943,913	981,805
9	% Target		118.7%	125.4%	138.3%	138.3%	122.0%	108.3%	98.0%	84.6%	98.2%	88.6%	104.4%	108.5%
10	BGS-IL Basin #1		\$ 3,108,717	\$ 2,995,710	\$ 993,560	\$ 457,686	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	MCGS-Pitt-#2		2,341,904	2,690,317	1,964,231	2,442,623	999,051	2,874,073	2,874,073	3,967,989	3,747,386	3,507,630	3,608,517	3,985,141
12	MCGS-PRB #4		4,231,894	6,318,617	4,624,909	4,988,832	5,728,774	5,149,011	5,149,011	4,350,403	5,064,230	4,460,496	4,328,489	4,447,562
13	RMSGs-ILB #1		-	851,078	795,602	691,510	333,825	333,825	333,825	2,054,069	4,231,044	6,896,695	7,707,324	7,499,806
14	RMSGs-Pitt #4		1,466,494	622,903	397,664	397,664	50,463	55,933	39,145	-	-	-	-	-
15	RMSGs-PRB #2		38,432,580	37,745,846	34,349,254	32,095,199	23,304,881	22,049,151	18,925,471	15,382,713	19,233,436	13,495,779	17,632,966	20,380,969
16	RMSGs-ILB #5		18,609,813	21,042,602	24,270,348	24,711,085	26,772,207	21,310,579	16,985,116	14,827,123	15,078,833	17,019,060	20,065,575	18,653,634
17	Total Inventory Dollars		\$ 68,191,402	\$ 71,415,995	\$ 66,599,965	\$ 65,093,088	\$ 56,855,376	\$ 51,438,746	\$ 43,972,815	\$ 38,528,228	\$ 43,123,885	\$ 38,482,965	\$ 45,635,546	\$ 47,467,307
18	BGS-IL Basin #1	Line 10 / Line 1	\$57.83	\$60.04	\$68.16	\$130.83	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	MCGS-Pitt-#2	Line 11 / Line 2	\$69.19	\$72.06	\$63.74	\$62.31	\$60.38	\$72.29	\$72.65	\$73.02	\$73.38	\$73.75	\$74.12	\$74.49
20	MCGS-PRB #4	Line 12 / Line 3	\$42.53	\$41.41	\$41.13	\$41.60	\$40.50	\$41.49	\$41.70	\$41.91	\$42.12	\$42.33	\$42.54	\$42.75
21	RMSGs-ILB #1	Line 13 / Line 4	\$0.00	\$56.61	\$52.92	\$86.61	\$89.39	\$89.39	\$89.84	\$90.28	\$90.74	\$91.19	\$91.65	\$92.10
22	RMSGs-Pitt #4	Line 14 / Line 5	\$59.52	\$63.18	\$64.25	\$40.33	\$1.63	\$4.35	\$4.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	RMSGs-PRB #2	Line 15 / Line 6	\$46.08	\$46.11	\$46.07	\$44.85	\$45.43	\$44.67	\$44.89	\$45.11	\$45.34	\$45.57	\$45.79	\$46.02
24	RMSGs-ILB #5	Line 16 / Line 7	\$61.36	\$61.61	\$60.40	\$58.97	\$59.35	\$60.34	\$60.65	\$60.95	\$61.25	\$61.56	\$61.87	\$62.18

Line No.	Pile	Pile-Fuel Stock \$/Ton	01/31/19	02/28/19	03/31/19	04/30/19	05/31/19	06/30/19
Target								
25	BGS-IL Basin #1	188,000	0	0	0	0	0	0
26	MCGS-Pitt-#2	24,000	36,320	30,428	30,428	45,428	58,712	46,970
27	MCGS-PRB #4	112,500	99,872	115,824	115,824	115,824	105,631	112,468
28	RMSGs-ILB #1	49,000	74,326	68,924	62,721	57,703	72,129	61,310
29	RMSGs-Pitt #4	44,000	0	0	0	0	0	0
30	RMSGs-PRB #2	444,000	423,074	433,068	411,415	415,529	417,897	409,539
31	RMSGs-ILB #5	324,000	331,702	350,238	342,783	349,639	353,135	340,832
32	Total Inventory Tons	1,136,500	965,294	998,482	963,170	984,123	1,007,505	971,119
33	% Target		106.7%	110.4%	106.5%	108.8%	111.4%	107.4%
34	BGS-IL Basin #1		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35	MCGS-Pitt-#2		2,714,089	2,281,096	2,288,418	3,427,500	4,443,985	3,566,600
36	MCGS-PRB #4		4,265,350	4,943,267	4,939,905	4,936,546	4,499,069	4,786,993
37	RMSGs-ILB #1		6,503,415	5,729,211	4,952,903	4,328,837	5,140,494	4,150,949
38	RMSGs-Pitt #4		-	-	-	-	-	-
39	RMSGs-PRB #2		19,448,169	19,883,691	18,866,839	19,032,641	19,118,158	18,713,311
40	RMSGs-ILB #5		20,005,511	20,595,362	19,753,839	19,745,938	19,644,246	18,675,453
41	Total Inventory Dollars		\$ 52,936,534	\$ 53,432,627	\$ 50,801,905	\$ 51,471,462	\$ 52,845,952	\$ 49,893,306
42	BGS-IL Basin #1	Line 34 / Line 25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
43	MCGS-Pitt-#2	Line 35 / Line 26	\$74.73	\$74.97	\$75.21	\$75.45	\$75.69	\$75.93
44	MCGS-PRB #4	Line 36 / Line 27	\$42.71	\$42.68	\$42.65	\$42.62	\$42.59	\$42.56
45	RMSGs-ILB #1	Line 37 / Line 28	\$87.50	\$83.12	\$78.97	\$75.02	\$71.27	\$67.70
46	RMSGs-Pitt #4	Line 38 / Line 29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
47	RMSGs-PRB #2	Line 39 / Line 30	\$45.97	\$45.91	\$45.86	\$45.80	\$45.75	\$45.69
48	RMSGs-ILB #5	Line 40 / Line 31	\$60.31	\$58.80	\$57.63	\$56.48	\$55.63	\$54.79

[.2]

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Capital Structure
As of June 30, 2019

This pro forma adjusts the budgeted common equity as of June 30, 2019.

Line No.	Description	Adjustment	Amount
	A	B	C
1	Actual Balance - December 31, 2017		\$ 2,495,696,897
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-
3	Normalized balance as of December 31, 2017		<u>\$ 2,495,696,897</u> [.2]
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	CS 1-S1-R-18	<u>255,578,265</u>
5	Actual balance as of December 31, 2018		<u>\$ 2,751,275,162</u> [.2]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	CS 1-S1-R-19	<u>8,347,882</u>
7	Budgeted balance as of June 30, 2019		<u>\$ 2,759,623,044</u> [.2]
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	CS 1-S1-R-19R	<u>23,323,343</u>
9	Ratemaking balance as of June 30, 2019		<u><u>\$ 2,782,946,387</u></u> [.2]

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Capital Structure
As of June 30, 2019

This pro forma adjusts the budgeted long-term debt as of June 30, 2019.

Line No.	Description	Adjustment	Amount
	A	B	C
1	Actual Balance - December 31, 2017		\$ 1,693,751,785
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-
3	Normalized balance as of December 31, 2017		<u>\$ 1,693,751,785</u> [.3]
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	CS 2-S1-R-18	<u>409,443,688</u>
5	Actual balance as of December 31, 2018		<u>\$ 2,103,195,473</u> [.3]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	CS 2-S1-R-19	<u>48,147,151</u>
7	Budgeted balance as of June 30, 2019		<u>\$ 2,151,342,624</u> [.3]
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	CS 2-S1-R-19R	<u>-</u>
9	Ratemaking balance as of June 30, 2019		<u><u>\$ 2,151,342,624</u></u>

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Capital Structure
As of June 30, 2019

This pro forma adjusts the budgeted customer deposits as of June 30, 2019.

Line No.	Description	Adjustment	Amount
	A	B	C
1	Actual Balance - December 31, 2017		\$ 71,161,098
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-
3	Normalized balance as of December 31, 2017		<u>\$ 71,161,098</u> [.4]
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	CS 3-S1-R-18	<u>292,393</u>
5	Actual balance as of December 31, 2018		<u>\$ 71,453,491</u> [.4]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	CS 3-S1-R-19	<u>(292,393)</u>
7	Budgeted balance as of June 30, 2019		<u>\$ 71,161,098</u> [.4]
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	CS 3-S1-R-19R	<u>292,393</u>
9	Ratemaking balance as of June 30, 2019		<u><u>\$ 71,453,491</u></u>

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Capital Structure
As of June 30, 2019

This pro forma adjusts the budgeted deferred income taxes as of June 30, 2019.

Line No.	Description	Adjustment	Amount
	A	B	C
1	Actual Balance - December 31, 2017		\$ 1,141,446,823
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-
3	Normalized balance as of December 31, 2017		<u>\$ 1,141,446,823</u> [.5]
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	CS 4-S1-R-18	<u>93,640,549</u>
5	Actual balance as of December 31, 2018		<u>\$ 1,235,087,372</u> [.5]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	CS 4-S1-R-19	<u>4,268,853</u>
7	Budgeted balance as of June 30, 2019		<u>\$ 1,239,356,225</u> [.5]
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	CS 4-S1-R-19R	<u>6,777,926</u>
9	Ratemaking balance as of June 30, 2019		<u><u>\$ 1,246,134,151</u></u> [.5]

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Capital Structure
As of June 30, 2019

This pro forma adjusts the Post-Retirement Liability as of June 30, 2019 to reflect changes in OPEB cumulative expense and cash contributions based on the most recently available actuarial report.

Line No.	Description	Adjustment	Amount
	A	B	C
1	Actual Balance - December 31, 2017		\$ 93,649,339
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-
3	Normalized balance as of December 31, 2017		<u>\$ 93,649,339</u> [.6]
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	CS 5-S1-R-18	(14,489,034)
5	Actual balance as of December 31, 2018		<u>\$ 79,160,305</u> [.6]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	CS 5-S1-R-19	(7,788,573)
7	Budgeted balance as of June 30, 2019		<u>\$ 71,371,732</u> [.6]
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	CS 5-S1-R-19R	1,279,877
9	Ratemaking balance as of June 30, 2019		<u>\$ 72,651,609</u> [.6]

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Capital Structure
As of June 30, 2019

This pro forma adjusts the budgeted prepaid pension asset as of June 30, 2019 to reflect regulatory asset amortization and pension expense included in the most recently available actuarial report.

Line No.	Description	Adjustment	Amount
	A	B	C
1	Actual Balance - December 31, 2017		\$ (434,568,447)
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-
3	Normalized balance as of December 31, 2017		<u>\$ (434,568,447) [.7]</u>
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	CS 6-S1-R-18	<u>(7,669,776)</u>
5	Actual balance as of December 31, 2018		<u>\$ (442,238,223) [.7]</u>
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	CS 6-S1-R-19	<u>(2,588,500)</u>
7	Budgeted balance as of June 30, 2019		<u>\$ (444,826,723) [.7]</u>
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	CS 6-S1-R-19R	<u>6,071,500</u>
9	Ratemaking balance as of June 30, 2019		<u><u>\$ (438,755,223) [.7]</u></u>

Northern Indiana Public Service Company LLC
Pro Forma Adjustment to Capital Structure
As of June 30, 2019

This pro forma adjusts the budgeted Post-1970 ITC as of June 30, 2019.

Line No.	Description	Adjustment	Amount	
	A	B	C	
1	Actual Balance - December 31, 2017		\$ 2,930,107	
2	Normalization adjustment to Increase/(Decrease) balance as of December 31, 2017		-	
3	Normalized balance as of December 31, 2017		<u>\$ 2,930,107</u>	[.8]
4	Pro Forma adjustment to Increase/(Decrease) balance as of December 31, 2018	CS 7-S1-R-18	(280,696)	
5	Actual balance as of December 31, 2018		<u>\$ 2,649,411</u>	[.8]
6	Pro Forma adjustment to Increase/(Decrease) balance as of June 30, 2019	CS 7-S1-R-19	(306,476)	
7	Budgeted balance as of June 30, 2019		<u>\$ 2,342,935</u>	[.8]
8	Pro Forma adjustment to Increase / (Decrease) balance for Ratemaking	CS 7-S1-R-19R	-	
9	Ratemaking balance as of June 30, 2019		<u><u>\$ 2,342,935</u></u>	[.8]

Workpaper CS-S1-R
Page [.1]

Northern Indiana Public Service Company LLC
December 31, 2017
Capital Structure

Line No.	Description	Total Company Capitalization	Percent of Total	Cost	Weighted Average Cost
	A	B	C	D	E
1	Common Equity	\$ 2,511,770,582 [.2]	49.34%	10.800%	5.33%
2	Long-Term Debt	1,693,751,785 [.3]	33.28%	5.17% [.3A]	1.72%
3	Customer Deposits	71,161,098 [.4]	1.40%	4.78% [.4]	0.07%
4	Deferred Income Taxes	1,151,324,030 [.5]	22.62%	0.00%	0.00%
5	Post-Retirement Liability	93,649,339 [.6]	1.84%	0.00%	0.00%
6	Prepaid Pension Asset	(434,568,447) [.7]	-8.54%	0.00%	0.00%
7	Post-1970 ITC	2,930,107 [.8]	0.06%	8.53% A	0.01%
8	Totals	\$ 5,090,018,494	100.00%		7.13%

Cost of Investor Supplied Capital

	Description	Total Company Capitalization	Percent of Total	Cost	Weighted Average Cost
	A	B	C	D	E
9	Common Equity	\$ 2,511,770,582	59.73%	10.80%	6.45%
10	Long-Term Debt	1,693,751,785	40.27%	5.17%	2.08%
11	Totals	\$ 4,205,522,367	100.00%		8.53% A

Workpaper CS-S1-R

Page [.1]

Northern Indiana Public Service Company LLC

December 31, 2018

Capital Structure

Line No.	Description	Total Company Capitalization	Percent of Total	Cost	Weighted Average Cost
	A	B	C	D	E
1	Common Equity	\$ 2,770,974,230 [.2]	47.52%	10.800%	5.13%
2	Long-Term Debt	2,103,195,473 [.3]	36.07%	5.01% [.3A]	1.81%
3	Customer Deposits	71,453,491 [.4]	1.23%	4.91% [.4]	0.06%
4	Deferred Income Taxes	1,246,164,743 [.5]	21.37%	0.00%	0.00%
5	Post-Retirement Liability	79,160,305 [.6]	1.36%	0.00%	0.00%
6	Prepaid Pension Asset	(442,238,223) [.7]	-7.58%	0.00%	0.00%
7	Post-1970 ITC	2,649,411 [.8]	0.05%	8.30% B	0.00%
8	Totals	\$ 5,831,359,429	100.02%		7.00%

Cost of Investor Supplied Capital

	Description	Total Company Capitalization	Percent of Total	Cost	Weighted Average Cost
	A	B	C	D	E
9	Common Equity	\$ 2,770,974,230	56.85%	10.80%	6.14%
10	Long-Term Debt	2,103,195,473	43.15%	5.01%	2.16%
11	Totals	\$ 4,874,169,703	100.00%		8.30% B

Workpaper CS-S1-R

Page [.1]

Northern Indiana Public Service Company LLC

June 30, 2019

Capital Structure

Line No.	Description	Total Company Capitalization	Percent of Total	Cost	Weighted Average Cost
	A	B	C	D	E
1	Common Equity	\$ 2,782,946,387 [.2]	47.27%	10.800%	5.11%
2	Long-Term Debt	2,151,342,624 [.3]	36.54%	4.98% [.3A]	1.82%
3	Customer Deposits	71,453,491 [.4]	1.21%	5.15% [.4]	0.06%
4	Deferred Income Taxes	1,246,134,151 [.5]	21.16%	0.00%	0.00%
5	Post-Retirement Liability	72,651,609 [.6]	1.23%	0.00%	0.00%
6	Prepaid Pension Asset	(438,755,223) [.7]	-7.45%	0.00%	0.00%
7	Post-1970 ITC	<u>2,342,935 [.8]</u>	<u>0.04%</u>	8.26% C	<u>0.00%</u>
8	Totals	<u>\$ 5,888,115,974</u>	<u>100.00%</u>		<u>6.99%</u>

Cost of Investor Supplied Capital

	Description	Total Company Capitalization	Percent of Total	Cost	Weighted Average Cost
	A	B	C	D	E
9	Common Equity	\$ 2,782,946,387	56.40%	10.80%	6.09%
10	Long-Term Debt	<u>2,151,342,624</u>	<u>43.60%</u>	4.98%	<u>2.17%</u>
11	Totals	<u>\$ 4,934,289,011</u>	<u>100.00%</u>		<u>8.26%</u> C

Northern Indiana Public Service Company LLC
Weighted Average Cost of Capital
Equity Calculation
December 31, 2017, December 31, 2018 and June 30, 2019

Workpaper CS-S1-R
Page [.2]

Line.	Description	2017	2018	6/30/19
1	Common Stock	\$ 859,487,917	\$ 859,487,917	\$ 859,487,917
2	Additional Paid in Capital	206,721,159	206,721,159	206,721,159
3	Retained Earnings	1,479,487,821	1,735,066,086	1,781,413,968
4	Common Stock Dividends Declared	(50,000,000)	(50,000,000)	(88,000,000)
5		2,495,696,897	2,751,275,162	2,759,623,044
		CS 1-S1-R	CS 1-S1-R	CS 1-S1-R
6	GAAP-to-FERC Adjustments			
7	Capital Trackers - Return on Equity	14,009,326	16,850,124	20,474,399 {a} [.2A]
8	Economic Development Rider	2,044,359	2,828,944	2,828,944 {b}
9	Capital Stock Expense	20,000	20,000	20,000
10	Common Equity	<u>\$ 2,511,770,582</u>	<u>\$ 2,770,974,230</u>	<u>\$ 2,782,946,387</u>
		[.1]	[.1]	[.1]
				CS 1-S1-R

NOTES:

{a}

FERC to GAAP adjustment is due to capital tracker return on equity, which is recorded on the FERC books, but not on the GAAP books.

{b}

FERC to GAAP adjustment is due to Electric Rider 677, which provided a credit in the form of an economic development rider to certain companies. The contracts and credit, which are for five years, are a reduction in revenues for NIPSCO. In Cause No. 44688 the IURC authorized NIPSCO to defer, as a regulatory asset, the discounted revenue associated with the economic development rider contracts that were in effect during the test year that continue beyond October 1, 2016, that date of new, effective basic rates.

Northern Indiana Public Service Company LLC
Capital Structure - Equity Component
FERC-to-GAAP Adjustment
TDSIC Return on Equity

Workpaper CS-S1-R
Page [.2A]

Line	Category	Type	6/30/19
1	TDSIC Gas	20% FERC-to-GAAP Adjustment	\$ 2,995,441
2	FMCA Electric	20% FERC-to-GAAP Adjustment	1,525,206 AMTZ 6-S1-R
3	TDSIC Electric	20% FERC-to-GAAP Adjustment	6,558,466 AMTZ 5-S1-R
4	T&D Electric	1A 100% FERC-to-GAAP Adjustment	1,142,871
5	TDSIC Electric Remand	1A 100% FERC-to-GAAP Adjustment	15,030,342 AMTZ 4-S1-R
6		Pre-Tax	27,252,325
7		Tax Adjustment	(6,777,926) [.5]
8		Total FERC-to-GAAP Adjustment	\$ 20,474,399 [.2]

Northern Indiana Public Service Company LLC
Weighted Average Cost of Capital
Debt Calculation
December 31, 2017, December 31, 2018 and June 30, 2019

Workpaper CS-S1-R
Page [.3]

Line	Description	2017	2018	6/30/19
1	Long-Term Debt - Pollution Control Bonds	\$ 109,000,000	\$ 68,000,000	\$ 68,000,000
2	Current Portion of Other Long Term Debt Transfers	-	41,000,000	-
3	Current Portion of Long Term Notes	-	-	-
4	Current Portion of Long Term Notes - Intercompany	80,000,000	-	137,500,000
5	Long term Debt - Affiliates	1,585,500,000	2,035,500,000	2,128,500,000
6	Total Long Term Debt	\$ 1,774,500,000	\$ 2,144,500,000	\$ 2,334,000,000
7	Less Current Portion of Long Term Debt	(80,000,000)	(41,000,000)	(137,500,000)
8	Subtotal Long Term Debt	\$ 1,694,500,000	\$ 2,103,500,000	\$ 2,196,500,000
9	2018 Planned Debt not Issued	\$ -	\$ -	\$ (45,000,000)
10	Unamortized Premium/Discount on Long-term Debt	(177,606)	(133,230)	(157,376)
11	Unamortized Reacquisition Premium on Debt	(171,297)	-	-
12	Unamortized reacquisition prem on debt - Current	(399,312)	(171,297)	-
13	Long Term Debt included in Capital Structure	\$ 1,693,751,785	\$ 2,103,195,473	\$ 2,151,342,624
14		[.1] [.3A] CS 2-S1-R	[.1] [.3A] CS 2-S1-R	[.1] [.3A] CS 2-S1-R

Northern Indiana Public Service Company LLC
Internal Interest Payment Schedule

Workpaper CS-S1-R
Page [.3A]

Line No.	Yield	Series	Date Issued	Final Maturity	2017			2018			2019		
					Principal Debt as of 12/31/17	Normalized ¹ Interest Requirement	2017 Cost Rate	Principal Debt as of 12/31/18	Normalized ¹ Interest Requirement	2018 Cost Rate	Principal Debt as of 6/30/19	Normalized ¹ Interest Requirement	2019 Cost Rate
A	B	C	D	H	I = A * H	J = I / H	K	L = A * K	M = I / K	K	L = A * K	M = I / K	
Pollution Control Bonds													
1	5.60%	Series 1988 Notes Series A	08/25/08	11/01/16									
2	5.60%	Series 1988 Notes Series B	08/25/08	11/01/16									
3	5.60%	Series 1988 Notes Series C	08/25/08	11/01/16									
4	5.70%	Series 2003 C Notes	08/25/08	07/01/17									
5	5.85%	Series 1994 C Notes	08/25/08	04/01/19	41,000,000	\$ 2,398,500	\$	41,000,000	\$ 2,398,500	\$	-	\$ -	
Medium Term Notes													
6	7.69%	Series E	06/06/97	06/06/27	20,000,000	1,538,000		20,000,000	1,538,000		20,000,000	1,538,000	
7	7.59%	Series E	06/10/97	06/12/17									
8	7.69%	Series E	06/06/97	06/27/27	33,000,000	2,537,700		33,000,000	2,537,700		33,000,000	2,537,700	
9	7.02%	Series E	08/04/97	08/04/17									
10	7.16%	Series E	08/04/97	08/04/27	5,000,000	358,000		5,000,000	358,000		5,000,000	358,000	
11	7.40%	Series E	08/26/97	08/30/22	10,000,000	740,000		10,000,000	740,000		10,000,000	740,000	
Intercompany Notes from Nisource Finance Corp.													
12	5.42%	Intercompany Debt	06/28/05	06/26/20	137,500,000	7,452,500		137,500,000	7,452,500		137,500,000	7,452,500	
13	5.99%	Intercompany Debt	09/19/05	09/18/25	75,000,000	4,488,750		75,000,000	4,488,750		75,000,000	4,488,750	
14	6.53%	Intercompany Debt	06/06/08	06/06/23	80,000,000	5,220,000		80,000,000	5,220,000		80,000,000	5,220,000	
15	6.09%	Intercompany Debt	06/06/08	06/06/18	80,000,000	4,872,000		-	-		-	-	
16	6.41%	Other Debt	12/04/09	12/04/29	120,000,000	7,692,000		120,000,000	7,692,000		120,000,000	7,692,000	
17	4.53%	FGD	12/19/12	12/21/37	55,000,000	2,491,500		55,000,000	2,491,500		55,000,000	2,491,500	
18	4.83%	FGD	12/19/12	12/19/42	95,000,000	4,588,500		95,000,000	4,588,500		95,000,000	4,588,500	
19	5.17%	FGD	07/31/13	07/26/38	89,000,000	4,601,300		89,000,000	4,601,300		89,000,000	4,601,300	
20	5.43%	FGD	07/31/13	07/24/43	95,000,000	5,158,500		95,000,000	5,158,500		95,000,000	5,158,500	
21	4.99%	FGD	02/01/14	02/15/44	66,000,000	3,293,400		66,000,000	3,293,400		66,000,000	3,293,400	
22	4.35%	FGD	12/01/14	12/16/44	82,000,000	3,567,000		82,000,000	3,567,000		82,000,000	3,567,000	
23	4.55%	Intercompany Debt	06/01/15	06/26/35	93,750,000	4,265,625		93,750,000	4,265,625		93,750,000	4,265,625	
24	4.99%	Intercompany Debt	06/01/15	06/26/45	93,750,000	4,678,125		93,750,000	4,678,125		93,750,000	4,678,125	
25	4.70%	Additional Capital Projects	12/01/15	12/30/45	91,000,000	4,277,546		91,000,000	4,277,546		91,000,000	4,277,546	
26	4.36%	Additional Capital Projects	12/01/16	11/30/46	210,000,000	9,164,400		210,000,000	9,164,400		210,000,000	9,164,400	
27	4.16%	Additional Capital Projects	06/01/17	05/31/47	11,500,000	478,527		11,500,000	478,527		11,500,000	478,527	
28	4.16%	CPCN Projects	06/01/17	05/31/47	28,500,000	1,185,914		28,500,000	1,185,914		28,500,000	1,185,914	
29	4.11%	Additional Capital Projects	08/01/17	07/01/47	162,500,000	6,682,488		162,500,000	6,682,488		162,500,000	6,682,488	
30	4.53%	[.3B] Intercompany Debt	06/01/18	06/01/48				245,000,000	11,093,355		245,000,000	11,093,355	
31	4.53%	[.3B] Additional Capital Projects	06/01/18	06/01/48				205,000,000	9,282,195		205,000,000	9,282,195	
32	5.00%	Intercompany Debt	05/01/19	04/30/49							41,000,000	2,050,000	
33	5.00%	Intercompany Debt	06/01/19	05/31/49							19,000,000	950,000	
34	5.00%	Intercompany Debt	06/01/19	05/31/49							125,500,000	6,275,000	
35		Pollution Control Bonds			\$ 41,000,000	\$ 2,398,500		\$ 41,000,000	\$ 2,398,500		\$ -	\$ -	
36		Medium Term Notes			68,000,000	5,173,700		68,000,000	5,173,700		68,000,000	5,173,700	
37		Intercompany Notes - Affiliates			1,665,500,000	84,158,074		2,035,500,000	99,661,624		2,221,000,000	108,936,624	
38		Total Debt			\$ 1,774,500,000	\$ 91,730,274		\$ 2,144,500,000	\$ 107,233,824		\$ 2,289,000,000	\$ 114,110,324	
39		Less Current portion of Long-Term Debt			(80,000,000)	(4,872,000)		(41,000,000)	(2,398,500)		(137,500,000)	(7,452,500)	
40		Subtotal			\$ 1,694,500,000	\$ 86,858,274		\$ 2,103,500,000	\$ 104,835,324		\$ 2,151,500,000	\$ 106,657,824	
41													
42													
43		Def Chrgs-Unamortized Debt Exp											
44		Unamortized Premium/Discount on Long-term Debt			(177,606)			(133,230)			(157,376)		
45		Unamortized Reacquisition Premium on Debt			(171,297)			-			-		
46		Unamortized reacquisition prem on debt - Current			(399,312)			(171,297)			-		
47		Amortization of Debt Discount and Expense				22,431			19,295			17,508	
48		Amortization of Call Premiums on Early Redemption of Long Term Debt				618,655			418,972			387,098	
49													
50		Total Long-Term Debt Used to Calculate Weighted Cost			\$ 1,693,751,785	\$ 87,499,360	5.17%	\$ 2,103,195,473	\$ 106,273,691	5.01%	\$ 2,151,342,624	\$ 107,062,430	
					[.3]		[.1]		[.3]		[.1]		

Footnote 1: Interest expense was normalized to exclude interest expense related to the Current portion of long term debt and to reflect a full year of interest expense for notes issued during the year.

NOTE: The downward trending Cost Rate is attributable to External Debt (i.e., Pollution Control Bonds and Medium Term Notes) not being replaced. Planning's assumption is that as Intercompany Debt matures, it is replaced with new issuances.

Northern Indiana Public Service Company LLC
Cost of Debt

Workpaper CS-S1-R
Page [.3B]

PROMISSORY NOTE

\$450,000,000

Issue Date: June 29, 2018

Due Date: June 29, 2048

FOR VALUE RECEIVED, the undersigned, Northern Indiana Public Service Company LLC, an Indiana corporation ("Borrower"), hereby unconditionally promises to pay to NiSource Inc., an Indiana corporation ("Lender"), at such place as Lender may from time to time designate in writing, in lawful money of the United States of America, the principal sum of Four Hundred Fifty Million Dollars (\$450,000,000) together with interest on the principal balance hereof from time to time outstanding at the rate of 4.5279% per annum from the date such principal is advanced until payment in full thereof. The principal indebtedness evidenced hereby shall be payable on June 29, 2048. Borrower may prepay the principal amount hereof in whole or in part, without premium or penalty, at any time after the first anniversary of the date hereof. Any payment on this Note shall be applied first to accrued but unpaid interest until paid in full and second to the unpaid principal amount hereof.

Interest shall be payable semi-annually in arrears on the first business day of June and December (commencing on December 1, 2018) and on the date on which the principal balance hereof is paid in full. Interest shall be calculated on the basis of a 365 day year for the actual number of days elapsed. Notwithstanding the foregoing, in no contingency or event whatsoever shall interest charged hereunder, however such interest may be characterized or computed, exceed the highest rate permissible under any law which a court of competent jurisdiction shall, in a final determination, deem applicable hereto. In the event that such a court determines that Lender has received interest hereunder in excess of the highest rate applicable hereto, Lender shall promptly refund such excess interest to Borrower.

Borrower shall be in default hereunder if: (a) any amount payable to Lender under this Note is not paid within five (5) business days of the date it is due, (b) Borrower shall make any assignment for the benefit of creditors, or (c) there shall be commenced any bankruptcy or insolvency proceedings by or against Borrower. Upon and after the occurrence of a default hereunder, this Note may, at the option of Lender, and without demand, notice or legal process of any kind, be declared, and thereupon immediately shall become, due and payable in full.

Presentment, protest and notice of nonpayment and protest are hereby waived by Borrower.

This Note has been delivered at and shall be deemed to have been made at Merrillville, Indiana, and shall be interpreted, and the rights and liabilities of the parties hereto determined, in accordance with the laws of the State of Indiana without giving effect to conflict of laws rules or principles. Whenever possible each provision of this Note shall be interpreted in such manner as to be effective and valid under applicable law, but if any provisions of this Note shall be prohibited by or invalid under applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provision or the remaining provisions of this Note. Whenever in this Note reference is made to Lender or Borrower, such reference shall be deemed to include their respective representatives, successors and assigns. Notwithstanding anything herein to the contrary, Borrower may not assign or otherwise transfer any of its rights or obligations under this Note without the prior written consent of Lender.

IN WITNESS WHEREOF, the undersigned has executed this Note on the issue date set forth above.

NORTHERN INDIANA PUBLIC SERVICE COMPANY LLC

Northern Indiana Public Service Company LLC
Cost of Debt

Workpaper CS-S1-R
Page [.3B]

C03830Y

4.5279

+ .0189

4.5279 / 4.5279

At 6/29

Op 4.5279

Hi 4.5279

Lo 4.5279

Prev 4.5090

Vol 0

C03830Y Index

96 Export

97 Settings

Page 1/3

Historical Price Table

BVF USD US Utility BBB+ 30 Year

High 4.6412 on 05/17/18

Range 12/29/2017 - 06/29/2018

Period Daily

Low 3.8911 on 12/29/17

Market Mid Yield

Currency

Average 4.3315

View Price Table

Net Chg .6368 16.37%

Date	[.3a]	Mid Yield	Date	Mid Yield	Date	Mid Yield
Fr 06/29/18		4.5279	Fr 06/08/18	4.5043	Fr 05/18/18	4.5847
Th 06/28/18		4.5090	Th 06/07/18	4.4922	Th 05/17/18 H	4.6412
We 06/27/18		4.5103	We 06/06/18	4.5380	We 05/16/18	4.6120
Tu 06/26/18		4.5492	Tu 06/05/18	4.4872	Tu 05/15/18	4.5893
Mo 06/25/18		4.5447	Mo 06/04/18	4.5116	Mo 05/14/18	4.5217
Fr 06/22/18		4.5526	Fr 06/01/18	4.4607	Fr 05/11/18	4.5004
Th 06/21/18		4.5253	Th 05/31/18	4.4367	Th 05/10/18	4.5185
We 06/20/18		4.5294	We 05/30/18	4.4241	We 05/09/18	4.5473
Tu 06/19/18		4.4600	Tu 05/29/18	4.3572	Tu 05/08/18	4.5092
Mo 06/18/18		4.4938	Mo 05/28/18	4.4565	Mo 05/07/18	4.5040
Fr 06/15/18		4.4791	Fr 05/25/18	4.4565	Fr 05/04/18	4.5003
Th 06/14/18		4.4862	Th 05/24/18	4.5017	Th 05/03/18	4.4910
We 06/13/18		4.5407	We 05/23/18	4.5471	We 05/02/18	4.5147
Tu 06/12/18		4.5284	Tu 05/22/18	4.5868	Tu 05/01/18	4.5008
Mo 06/11/18		4.5312	Mo 05/21/18	4.5780	Mo 04/30/18	4.4663

Australia 61 2 9777 8600

Brazil 5511 2395 9000

Europe 44 20 7330 7500

Germany 49 69 9204 1210

Hong Kong 852 2977 6000

Japan 81 3 3201 8900

Singapore 65 6212 1000

U.S. 1 212 318 2000

Copyright 2018 Bloomberg Finance L.P.

SN 553854 EDT GMT+4:00 H702-1614-1 02-Jul-2018 11:46:45

Northern Indiana Public Service Company LLC
Weighted Average Cost of Capital
Cost of Customer Deposits
December 31, 2017, December 31, 2018 and June 30, 2019

Workpaper CS-S1-R
Page [4]

Description	2017	2018	6/30/19	6/30/19 Ratemaking
Gas	\$ 17,290,163	\$ 17,283,837	\$ 17,290,163	\$ 17,283,837
Elec	\$ 32,045,208	\$ 32,263,773	\$ 32,045,208	\$ 32,263,773
Combo	\$ 21,823,469	\$ 21,903,622	\$ 21,823,469	\$ 21,903,622
Total Deposit amt. per CIS	\$ 71,158,840	\$ 71,451,232	\$ 71,158,840	\$ 71,451,232
Total Deposit amt. per PS / Budget	\$ 71,161,098 [a], CS 3-S1-R	\$ 71,453,491 [a], CS 3-S1-R	\$ 71,161,098 CS 3-S1-R	\$ 71,453,491 [a], CS 3-S1-R
Variance (a)	\$ 2,258	\$ 2,259	\$ 2,258	\$ 2,259

Description	2017	2018	2019	2019
Gas	1.00%	1.50%	2.50% [4A]	2.50% [4A]
Electric	6.00%	6.00%	6.00%	6.00%
Combination	6.00%	6.00%	6.00%	6.00%

Description	2017	2018	2019	2019
Gas	\$ 172,902	\$ 259,258	\$ 432,254	\$ 432,096
Electric	1,922,712	1,935,826	1,922,712	1,935,826
Combination	1,309,408	1,314,217	1,309,408	1,314,217
Total	\$ 3,405,022	\$ 3,509,301	\$ 3,664,375	\$ 3,682,140
Cost of Customer Deposits	4.78% [1]	4.91% [1]	5.15%	5.15% [1]

NOTE:

[a] An immaterial reconciling variance was noted between PeopleSoft and CIS (billing subledger). PeopleSoft reports the balance as of December 31, 2017, while the CIS report is generated on the second business day of the month.

Northern Indiana Public Service Company LLC
2019 Customer Deposit Rate

Workpaper CS-S1-R
Page [.4A]

APPENDIX A

**POLICY GOVERNING THE INTEREST RATE FOR GAS CUSTOMER DEPOSITS
PURSUANT TO
TITLE 170 INDIANA ADMINISTRATIVE CODE SECTION 5-1-15(f)(2)**

This policy is based upon the requirement in Title 170 Indiana Administrative Code Section 5-1-15(f)(2) that gas utilities subject to that section pay interest on customer deposits held for more than thirty (30) days. The Indiana Utility Regulatory Commission sets the interest rate for such deposits based upon the current rate for one-year United States Treasury Constant Maturity securities rounded to the nearest one-half (1/2) of one percent (1%). For the week ending December 28, 2018 the rate for one-year United States Treasury Constant Maturity securities was 2.64 percent. Therefore, the Commission declares that effective January 1, 2019 to December 31, 2019 the interest rate for gas customer deposits shall be **two and one-half percent (2.50%)**. [.4]

Northern Indiana Public Service Company LLC
Weighted Average Cost of Capital
Deferred Income Taxes Calculation
December 31, 2017, December 31, 2018 and June 30, 2019

Workpaper CS-S1-R
Page [.5]

Description	Actuals		Budget	
	2017	2018	6/30/19	
Deferred Income Taxes	\$ 584,608,121	\$ 657,805,338	\$ 710,976,241	
SFAS 109 - Noncurrent	556,837,521	578,807,275	556,636,215	
Reg Asset 182 FAS 96 - NC	-	(1,526,017)	(28,256,231)	
SFAS 133 Fed Tax	1,333	623	-	
SFAS 133 St Tax	(152)	153	-	
Subtotal Budget	\$ 1,141,446,823	\$ 1,235,087,372	\$ 1,239,356,225	
	CS 4-S1-R	CS 4-S1-R	CS 4-S1-R	
GAAP-to-FERC Adjustments				
Federal and State ADIT	9,877,207	11,077,371	6,777,926	{a} [-.2A]
Total Deferred Income Taxes	\$ 1,151,324,030 [-.1]	\$ 1,246,164,743 [-.1]	\$ 1,246,134,151 [-.1]	
			CS 4-S1-R	

NOTES:

{a} FERC to GAAP adjustment is due to capital tracker return on equity, which is recorded on the FERC books, but not on the GAAP books.

Northern Indiana Public Service Company LLC
Weighted Average Cost of Capital
Other Post Retirement Benefits
December 31, 2017, December 31, 2018 and June 30, 2019

Workpaper CS-S1-R
Page [.6]

Line No.	Description	Actual 12/31/2017	Actual 2018 Activity	Actual 12/31/2018	Budget 2019 Activity (6 mos.)	Budget 6/30/2019	Rate-making Adjustment (6 mos.)	6/30/2019
1	Cumulative Post Retirement Benefits Exp - FAS 106	\$ 485,700,786		\$ 494,640,928		\$ 498,784,428		\$ 498,216,428
2	Annual Expense:		\$ 8,940,142 A		\$ 4,143,500 B		\$ (568,000) D	
3	Capitalization Ratio	23.49%	28.80% [.6A]	23.58%	27.61% [.6A]	23.62%	27.61% [.6A]	23.61%
4	Post Retirement Benefits, net of capitalization	114,076,938	2,574,612	116,651,550	1,144,020	117,795,570	(156,825)	117,638,746
5	Post Retirement Benefits, net of capitalization, cumulative	371,623,848		377,989,378		380,988,857		380,577,682
6	Amort of Reg Assets/Liab Expense (FAS 106), Cumulative	88,948,004	-	88,948,004	-	88,948,004		88,948,004
7	Total Cumulative OPEB Expense	460,571,852		466,937,382		469,936,861		469,525,686
8	LESS							
9	Retiree Medical Payments, Cumulative	366,922,513		387,777,077		398,565,129		396,874,077
10	Annual Retiree Medical Payments		20,854,564 [.6A]		10,788,052 C		\$ (1,691,052) E	
11	Post Retirement Liability*	\$ 93,649,339		\$ 79,160,305		\$ 71,371,732		\$ 72,651,609
		[.1] CS 5-S1-R		[.1] [.6A] CS 5-S1-R		CS 5-S1-R		[.1] CS 5-S1-R
12	OPEB Expense		Per CL18-07	Percentage Change	Budget	Reg. Update	Budget vs. Reg. Difference	
13	Retiree Medical (offset OCI)	\$ (2,438,838) [.7A]			\$ (2,260,663)	\$ (1,950,767)		
14	Retiree Life (offset OCI)	118,827 [.7A]			110,146	95,047		
15	Retiree Medical (offset liability)	9,851,763 [.7A]			9,132,020	7,880,183		
16	Retiree Life (offset Liability)	1,408,390 [.7A]			1,305,497	1,126,537		
17	Net Expense before capitalization	\$ 8,940,142 A		-7.31%	\$ 8,287,000 B	\$ 7,151,000 F	\$ (1,136,000) D	
		8,940,142		-20.01%		7,151,000		
18	AonHewitt Forecast				Feb. '18 Fcst	Jul. '18 Fcst		
19	Pre-65 Retiree Medical							
20	Union				\$ (413,000) [.6B]	\$ 71,000 [.6B]		
21	Non-union				499,000 [.6B]	371,000 [.6B]		
22	Post-65 Retiree Medical							
23	Union				4,156,000 [.6B]	3,224,000 [.6B]		
24	Non-union				2,555,000 [.6B]	1,915,000 [.6B]		
25	Retiree Life Insurance							
26	Union				895,000 [.6B]	1,027,000 [.6B]		
27	Non-union				595,000 [.6B]	543,000 [.6B]		
28	Total				\$ 8,287,000 B	\$ 7,151,000 F		
29	Medical Payment Assumption				2019 Budget	2019 AonHewitt		
30	2017 Payments (Actual)				\$ 21,223,998 [.6A]			
31	Increase from 2016 (Actual)				1.7% [.6A]			
32	2018 Estimate equal to 2017 Payment plus 1.7% Growth				\$ 21,576,104			
33	2019 Estimate				\$ 21,576,104 C	\$ 18,194,000 [.6B]	\$ (3,382,104) E	

Northern Indiana Public Service Company LLC
Summary of Post Retirement Liability - SFAS 106
February 28, 1997 - December 31, 2018

Workpaper CS-S1-R
Page [.6A]

Line	Period	OPEB Expense	Cap. Ratio	Cap. Amount	Net Expense	SFAS 106 Trans.	Less Benefits		Total
							Paid		
	A	B	C	D = (B*C)	E = (B-D)	F	G		H = (E+F-G)
1	YTD (1997 - 2015)	\$ 465,448,791	23.32%	\$ 108,542,658	\$ 356,906,133	\$ 88,948,004	\$ 324,820,876		\$ 121,033,261
2	Jan 2016	998,743	26.52%	264,867	733,877	-	1,539,274		(805,397)
3	Feb 2016	963,108	26.42%	254,453	708,655	-	2,210,636		(1,501,981)
4	Mar 2016	980,926	27.12%	266,027	714,899	-	1,489,323		(774,424)
5	Apr 2016	980,926	29.46%	288,981	691,945	-	1,713,845		(1,021,900)
6	May 2016	980,926	29.50%	289,373	691,553	-	2,021,802		(1,330,250)
7	Jun 2016	980,926	28.84%	282,899	698,027	-	1,456,973		(758,946)
8	Jul 2016	980,926	25.26%	247,782	733,144	-	1,514,066		(780,922)
9	Aug 2016	980,926	26.86%	263,477	717,449	-	1,965,262		(1,247,813)
10	Sep 2016	980,926	26.95%	264,359	716,566	-	1,919,968		(1,203,402)
11	Oct 2016	980,926	27.45%	269,264	711,662	-	1,769,926		(1,058,264)
12	Nov 2016	980,926	27.00%	264,850	716,076	-	1,528,996		(812,921)
13	Dec 2016	980,926	24.09%	236,305	744,621	-	1,747,567		(1,002,947)
14	Jan 2017	706,741	26.23%	185,378	521,363	-	1,672,225		(1,150,863)
15	Feb 2017	706,741	27.05%	191,173	515,567	-	2,095,776		(1,580,208)
16	Mar 2017	706,741	25.15%	177,745	528,995	-	2,019,209		(1,490,213)
17	Apr 2017	706,741	28.21%	199,372	507,369	-	1,989,317		(1,481,948)
18	May 2017	706,741	29.05%	205,308	501,433	-	1,456,803		(955,371)
19	Jun 2017	706,741	29.04%	205,237	501,503	-	1,462,097		(960,594)
20	Jul 2017	706,741	26.69%	188,629	518,112	-	1,630,219		(1,112,108)
21	Aug 2017	706,741	29.62%	209,337	497,404	-	2,045,808		(1,548,404)
22	Sep 2017	706,741	29.10%	205,662	501,079	-	1,549,614		(1,048,535)
23	Oct 2017	706,741	28.30%	200,008	506,733	-	1,835,257		(1,328,524)
24	Nov 2017	706,741	27.87%	196,969	509,772	-	1,822,126		(1,312,354)
25	Dec 2017	706,741	25.02%	176,827	529,914	-	1,645,546		(1,115,632)
26	Jan 2018	745,012	26.64%	198,471	546,541	-	1,949,575		(1,403,034)
27	Feb 2018	745,012	27.46%	204,580	540,432	-	1,497,024		(956,593)
28	Mar 2018	745,012	27.48%	204,729	540,283	-	1,709,188		(1,168,905)
29	Apr 2018	745,012	29.27%	218,065	526,947	-	1,958,849		(1,431,902)
30	May 2018	745,012	29.53%	220,002	525,010	-	1,660,937		(1,135,927)
31	Jun 2018	745,012	30.12%	224,398	520,614	-	1,875,073		(1,354,458)
32	Jul 2018	745,012	28.29%	210,764	534,248	-	1,882,370		(1,348,122)
33	Aug 2018	745,012	30.10%	224,249	520,763	-	1,516,261		(995,498)
34	Sep 2018	745,012	30.24%	225,292	519,720	-	1,879,466		(1,359,745)
35	Oct 2018	745,012	29.57%	220,300	524,712	-	1,542,680		(1,017,968)
36	Nov 2018	745,012	30.01%	223,578	521,434	-	1,421,918		(900,484)
37	Dec 2018	745,012	26.87%	200,185	544,827	-	1,961,224		(1,416,396)
38									
39	Totals	\$ 494,640,928		\$ 116,651,550	\$ 377,989,378	\$ 88,948,004	\$ 387,777,077		\$ 79,160,305

[.6]

- 40 B) OPEB Expense as per SFAS 106 Postretirement Benefit Expense.
41 C) Capitalization Ratio is a percentage of labor being capitalized.
42 D) Capitalization Amount is the amount of OPEB being capitalized by applying the Capitalization Ratio.
43 E) Total OPEB less the Capitalized Portion of OPEB Expense.
44 F) SFAS 106
45 G) OPEB paid out.

46	2016 Expense	Avg. Rate	Capitalization			
47	Avg. 2016 Rate	\$ 11,771,107	27.12%	\$ 3,192,636	2016 Payment	\$ 20,877,639
48	2017 Expense	Avg. Rate	Capitalization			
49	Avg. 2017 Rate	\$ 8,480,888	27.61%	\$ 2,341,644	2017 Payment	\$ 21,223,998 [.6]
			[.6]			
50					Payment Increase	1.7% [.6]
51	2018 Expense	Avg. Rate	Capitalization			
52	Avg. 2018 Rate	\$ 8,940,142	28.80%	\$ 2,574,612	2018 Payment	\$ 20,854,564 [.6]
			[.6]			



NiSource Inc.
Estimated 2018-2022 ASC 715-60 Ongoing Expense Components (\$000)

Workpaper CS-S1-R
Page [.6B]

	Budget AonHewitt Feb '18 Forecast	Ratemaking Update AonHewitt July '18 Update
Pre-65 Retiree Medical		
NIPSCO Union		
Service Cost	\$ 779	\$ 964
Interest Cost	993	1,241
Other	(2,185)	(2,134)
Total Expense	\$ (413) [.6]	\$ 71 [.6]
NIPSCO Nonunion		
Service Cost	\$ 256	\$ 163
Interest Cost	326	272
Other	(83)	(64)
Total Expense	\$ 499 [.6]	\$ 371 [.6]
Post-65 Retiree Medical		
	<u>2019</u>	<u>2019</u>
NIPSCO Union		
Service Cost	\$ 802	\$ 840
Interest Cost	5,210	5,174
Other	(1,856)	(2,790)
Total Expense	\$ 4,156 [.6]	\$ 3,224 [.6]
NIPSCO Nonunion		
Service Cost	\$ 198	\$ 182
Interest Cost	1,935	1,789
Other	422	(56)
Total Expense	\$ 2,555 [.6]	\$ 1,915 [.6]
Retiree Life Insurance		
	<u>2019</u>	<u>2019</u>
NIPSCO Union		
Service Cost	\$ 136	\$ 192
Interest Cost	623	699
Other	136	136
Total Expense	\$ 895 [.6]	\$ 1,027 [.6]
NIPSCO Nonunion		
Service Cost	\$ 30	\$ 26
Interest Cost	588	570
Other	(23)	(53)
Total Expense	\$ 595 [.6]	\$ 543 [.6]
Cash Estimate		
		<u>2019</u>
Medical Retiree		\$ 16,431
Group Life Retiree		1,763
		\$ 18,194 [.6]

Northern Indiana Public Service Company LLC
 Weighted Average Cost of Capital
 Prepaid Pension Asset
 December 31, 2017, December 31, 2018 and June 30, 2019

Workpaper CS-S1-R
 Page [7]

Description	Actual 12/31/2017	Actual 2018 Activity	Actual 12/31/2018	Budget 2019 Activity (6 mos.)	6/30/2019	Ratemaking Adjustment (6 mos.)	6/30/2019
SFAS 158 Pension OCI Reg Asset	\$ 443,494,371		\$ 419,250,462		\$ 411,041,368		\$ 408,620,588
2018 AOCI amortization		(24,243,909) A		(8,209,094) D		(2,420,780) H	
SFAS 158 Pension OCI Reg Asset	\$ 443,494,371	\$ (24,243,909)	\$ 419,250,462	\$ (8,209,094)	\$ 411,041,368	\$ (2,420,780)	\$ 408,620,588
ADD:							
Pension Asset/(Liability)							
Accrued LT pension cost - qualified	\$ (8,394,184)		\$ 23,568,407		\$ 34,391,081		\$ 30,744,281
Pension expense recognition		31,962,591 B		10,822,674 E		(3,646,800) I	
Other Pension Activity (Incl. Transfers)		25,162	25,162		25,162		25,162
Accrued LT Pension Cost - Nonqualified	(473,240)	(74,068) C	(547,308)	(25,080) F	(572,388)	(3,920) J	(576,308)
Accrued ST Pension Costs - Nonqualified	(58,500)	-	(58,500)	-	(58,500)		(58,500)
Pension Liability	\$ (8,925,924)	\$ 31,913,685	\$ 22,987,761	\$ 10,797,594	\$ 33,785,355	\$ (3,650,720)	\$ 30,134,635
Net Prepaid Pension Asset:	\$ 434,568,447	\$ 7,669,776	\$ 442,238,223	\$ 2,588,500 G	\$ 444,826,723	\$ (6,071,500) K	\$ 438,755,223
	[.1], CS 6-S1-R		[.1], CS 6-S1-R		CS 6-S1-R		[.1], CS 6-S1-R
Budget			442,235,447		447,522,447		
Variance			\$ 2,776		\$ (2,695,724)		

Pension Expense	Per CL18-07	Percentage Change	Budget	Percentage Change	Reg. Update	Budget vs. Reg. Difference
Qualified Pension (offset liability)	\$ (31,962,591) B , [.7A]		\$ (21,645,348) E		\$ (14,351,748)	\$ 7,293,600 I
Non-Qualified Pension (offset liability)	74,068 C , [.7A]		50,160 F		58,000	7,840 J
	\$ (31,888,523)		\$ (21,595,189)		\$ (14,293,748)	\$ 7,301,440
Qualified Pension (offset OCI/Reg. Asset)	\$ 24,236,900 [.7A]		\$ 16,413,442		\$ 21,252,748	\$ 4,839,306
Non-Qualified Pension (offset OCI/Reg. Asset)	7,009 [.7A]		4,747		7,000	2,253
	\$ 24,243,909 A		\$ 16,418,189 D		\$ 21,259,748	\$ 4,841,559 H
Net Expense before capitalization	\$ (7,644,614) [.7A]	-32.28%	\$ (5,177,000) G	-234.56%	\$ 6,966,000 L	\$ 12,143,000 K

AonHewitt Forecast	Feb. '18 Fcst	Jul. '18 Fcst	Increase
Qualified Pension			
Union	\$ (1,681,000) [.7B]	\$ 6,817,000 [.7B]	\$ 8,498,000
Non-union	(3,663,000) [.7B]	80,000 [.7B]	3,743,000
Non-Qualified Pension			
Union	- [.7B]	- [.7B]	-
Non-union	78,000 [.7B]	65,000 [.7B]	(13,000)
Settlements	89,000 [.7B]	4,000 [.7B]	(85,000)
Total	\$ (5,177,000) G	\$ 6,966,000 L	\$ 12,143,000 K

NiSource Inc.
Annual 2018 Expense With 12/31/2017 Measurement Date

Workpaper CS-S1-R
Page [.7A]

Service Cost			Non-Service Cost					
DR (CR) PENSION EXPENSE (1)			DR (CR) PENSION EXPENSE (1)			DR (CR) PENSION EXPENSE (1)		
Pension Expense acct #:	92600000 *		Pension Expense acct #:	92601000 *		Pension Expense acct #:	92601000 *	
Qualified Pension	9005		Qualified Pension	9005		Qualified Pension	9005	
Nonqualified Pension	9033		Nonqualified Pension	9033		Nonqualified Pension	9033	
OFFSET - PENSION ASSET OR LIABILITY (2)			OFFSET - PENSION LIABILITY OR ASSET (2)			OFFSET - ACCUM OCI OR OCI REG ASSET (3)		
Pension Liability - Qualified acct #:	22838000		Pension Liability - Qualified acct #:	22838000		Accumulated OCI <i>Transfer</i> - Pension acct #:	21905010	
Pension Liability - Nonqualified acct #:	22838020		Pension Liability - Nonqualified acct #:	22838020		FAS 158 Pension OCI Regulatory Asset - Qual acct #:	18235115	
Pension Asset acct #:	12800000		Pension Asset acct #:	12800000		FAS 158 Pension OCI Regulatory Asset - NQ acct #:	18235450	
Qualified Pension - Asset		Qualified Pension - Liab	Qualified Pension - Asset		Qualified Pension - Liab	Qualified Pension - Asset		Nonqualified Pension
42,227		16,525,931	(57,064)		(48,473,685)	24,236,900		7,009
A		A	A		A	[.7]		[.7]
		58,194			15,874			(7,644,614)
		B			B			[.7]

Service Cost		Non-Service Cost					
DR (CR) OPEB EXPENSE (1)		DR (CR) OPEB EXPENSE (1)		DR (CR) OPEB EXPENSE (1)			
OPEB Expense acct #	92600000 *	OPEB Expense acct #	92601000 *	OPEB Expense acct #	92601000 *	Sum of A	
Retiree Medical	9011	Retiree Medical	9011	Retiree Medical	9011	Sum of B	
Retiree Life Insurance	9025	Retiree Life Insurance	9025	Retiree Life Insurance	9025	Sum of C	
OFFSET - OPEB LIABILITY OR ASSET (4)		OFFSET - OPEB LIABILITY OR ASSET (4)		OFFSET - ACCUM OCI OR OCI REG ASSET (5)		Sum of D	
OPEB Liability acct #:	22834010	OPEB Liability acct #:	22834010	Accumulated OCI <i>Transfer</i> - t	21905220		
				FAS 158 OPEB OCI Regulat	18235114		
				FAS 158 Pension OCI Regulat	25405300		
Retiree Medical	Retiree Life Insurance	Retiree Medical	Retiree Life Insurance	Retiree Medical	Retiree Life Insurance	OPEB Total	
2,142,301	226,644	7,709,462	1,181,746	(2,438,838)	118,827	8,940,142	
C	D	C	D	[.6]	[.6]		

* Some companies may be able to collect these charges and therefore will charge the expense to a regulatory asset account.

- (1) If the below amount is positive it will be a debit to expense, if the below amount is negative it will be a credit to expense
(2) If the entity's balance sheet contains a pension liability balance use the pension liability account for the offset, if the entity's balance sheet contains a pension asset balance use the pension asset account for the offset.
(3) If the entity has an AOCI balance on it's balance sheet due to the SFAS 158 entries, use the Accum. OCI Transfers -Pension account for the offset, if the entity has a OCI regulatory asset on its balance sheet due to the SFAS 158 entries, use the FAS 158 Pension OCI Regulatory Asset / Liability account for the offset.
(4) If the entity's balance sheet contains an OPEB liability balance use the OPEB liability account for the offset, if the entity's balance sheet contains an OPEB asset balance use the OPEB asset account for the offset.
(5) If the entity's has an AOCI balance on it's balance sheet due to the SFAS 158 entries, use the Accum. OCI Transfers -OPEB account for the offset, if the entity has a OCI regulatory asset/liability on it's balance sheet due to the SFAS 158 entries, use the FAS 158 OPEB OCI Regulatory Asset/Liability account for the offset.



NiSource Inc.

Estimated 2018-2022 ASC 715-30 Ongoing Expense Components (\$000)

Workpaper CS-S1-R
Page [.7B]

		Budget AonHewitt Feb '18 Forecast 2019	Rate-making Update AonHewitt July '18 Update 2019
Qualified Pension			
NIPSCO Union			
Service Cost	\$	13,604	\$ 13,423
Interest Cost		27,744	30,982
Other		(43,029)	(37,588)
Total Expense	\$	(1,681) [.7]	\$ 6,817 [.7]
NIPSCO Nonunion			
Service Cost	\$	2,907	\$ 2,992
Interest Cost		11,908	13,610
Other		(18,478)	(16,522)
Total Expense	\$	(3,663) [.7]	\$ 80 [.7]
Nonqualified Pension			
NIPSCO Union			
Service Cost	\$	0	\$ 0
Interest Cost		0	0
Other		0	0
Total Expense	\$	0 [.7]	\$ 0 [.7]
NIPSCO Nonunion			
Service Cost	\$	50	\$ 43
Interest Cost		20	19
Other		8	3
Total Expense	\$	78 [.7]	\$ 65 [.7]
NIPSCO Settlement			
		89 [.7]	4 [.7]

Northern Indiana Public Service Company LLC
Weighted Average Cost of Capital
Investment Tax Credits
December 31, 2017, December 31, 2018 and June 30, 2019

Workpaper CS-S1-R
Page [.8]

Description	Actual 2017	Actual 2018	Budget 6/30/19
Deferred Investment Tax Credits	\$ 2,930,107 [.1], CS 7-S1-R	\$ 2,649,411 [.1], CS 7-S1-R	\$ 2,342,935 [.1], CS 7-S1-R