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VERIFIED SETTLEMENT TESTIMONY OF DONALD L. BULL

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1 Q1. Please state your name, business address and title.

2 A1. My name is Donald L. Bull. My business address is 880 Eastport Centre,  
3 Valparaiso, Indiana 46383. I am employed by NiSource Corporate  
4 Services Company ("NCSC") as the Director of Gas Transmission,  
5 Distribution, and Storage System Improvement Charge ("TDSIC")  
6 Projects. I am submitting this testimony on behalf of Northern Indiana  
7 Public Service Company LLC ("NIPSCO").

8 Q2. Are you the same Donald L. Bull that previously prefled direct  
9 testimony in Cause No. 44403-TDSIC-9?

10 A2. Yes.

11 Q3. What is the purpose of your settlement testimony in this proceeding?

12 A3. The purpose of my settlement testimony is to support the Stipulation and  
13 Settlement Agreement entered into as of the 5<sup>th</sup> day of November, 2018, by  
14 and between NIPSCO, the Indiana Office of Utility Consumer Counselor  
15 ("OUCC"), and the NIPSCO Industrial Group ("Industrial Group") (the  
16 OUCC and Industrial Group are collectively referred to as "the Consumer

OFFICIAL  
EXHIBIT 3

Parties”) (NIPSCO and the Consumer Parties are collectively referred to as the “Settling Parties”) filed on November 5, 2018 (the “Settlement”). Specifically, I sponsor NIPSCO’s Revised Plan Update-9, which is attached hereto as Revised Confidential Exhibit Gas Plan Update-9, reflecting the agreed terms in the Settlement.

**Q4. Please explain the changes incorporated into Revised Plan Update-9.**

A4. In accordance with the Settlement, the following changes were incorporated into Revised Plan Update-9:

Bare Steel Replacement

The bare steel replacement portion (Project ID BSR11) of the 7-year plan was removed from the Plan Update-9 from Plan Update-4 forward. NIPSCO agreed to remove this project in response to the OUCC’s testimony asserting that this project should also be excluded as a Multiple Unit Project.

Kokomo Low Pressure System

The Kokomo Low Pressure System portion (Project ID K1) of the 7-year plan was removed from Plan Update-9. No costs have been incurred associated with the Kokomo Low Pressure System portion of the 7-Year

1 plan. This project has been excluded due to NIPSCO's intent to file for  
2 authority under Indiana Code § 8-1-8.4-1 *et. seq.* for inclusion of a  
3 replacement of the Kokomo Low Pressure System.

4 **Q5. How does Plan Update-9 compare to Revised Plan Update-9?**

5 A5. A comparison of Plan Update-9 (as filed) to the Revised Plan Update-9  
6 (filed herein) is shown in Attachment 3-S-A.

7 **Q6. What are the total actual capital expenditures associated with NIPSCO's**  
8 **investment in transmission, distribution, and storage system**  
9 **improvements as of June 30, 2018?**

10 A6. As shown in Petitioner's Exhibit No. 1, Attachment 1-A, Attachment 1,  
11 Second Revised Schedule 1 (Page 4), the total gross direct capital  
12 expenditures associated with NIPSCO's investment in transmission,  
13 distribution, and storage system improvements as of June 30, 2018 is  
14 \$385,162,345 [Page 4, Lines 1-3, Column D]. The total indirect capital  
15 expenditures associated with NIPSCO's investment in transmission,  
16 distribution, and storage system improvements as of June 30, 2018 is  
17 \$45,037,130 [Page 4, Line 4, Column D]. The total allowance for funds  
18 used during construction (AFUDC) for capital expenditures associated

1 with NIPSCO's investment in transmission, distribution, and storage  
2 system improvements as of June 30, 2018 is \$11,112,620 [Page 4, Line 5,  
3 Column D]. The total gross capital expenditures associated with  
4 NIPSCO's investment in transmission, distribution, and storage system  
5 improvements as of June 30, 2018 is \$441,312,095 [Page 4, Line 6, Column  
6 D].

7 **Q7. Please explain the establishment of caps included in the Settlement.**

8 A7. In accordance with the Settlement, for purposes of future proceedings for  
9 the remainder of NIPSCO's existing 7-Year Gas Plan (Years 2019 and  
10 2020), the Total Capital as set forth in Exhibit A to the Settlement is subject  
11 to annual and 7-year caps in the amounts shown for 2019, 2020 and 7-Year  
12 Total, subject to a 5% flexibility factor for each annual cap. The 7-Year  
13 Total cap will not be subject to the 5% flexibility factor. In each future  
14 proceeding relating to the existing 7-Year Gas Plan, NIPSCO will retain  
15 the burden to support recovery of actual or projected costs in excess of  
16 approved amounts and the Consumer Parties shall retain the ability to  
17 challenge any such costs, pursuant to Ind. Code § 8-1-39-9(f).

18 The following table reflects the agreed to caps:

Line No.		2019	2020	7-Year Total
1	<b>Allowed (Cap + 5%)</b>			
2	Direct Capital	\$87,169,382	\$85,470,110	\$560,017,892
3	Indirect Capital	\$14,818,795	\$14,529,919	\$81,452,481
4	AFUDC	\$3,486,775	\$3,418,804	\$18,846,203
5	TDSIC Ratemaking Cap	\$105,474,952	\$103,418,833	\$660,316,576
6	5% Limit	\$5,273,748	\$5,170,942	\$
7	Cap Plus 5%	\$110,748,699	\$108,589,775	\$660,316,576

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2 **Q8. Please describe the rationale for the agreed upon Plan caps.**

3 A8. There is a balancing of interests among NIPSCO's stakeholders. All  
4 parties want to assure NIPSCO's ability to provide safe and reliable  
5 service at just and reasonable rates. The Settlement reflects the Settling  
6 Parties' desire to allow NIPSCO to pursue an appropriate level of  
7 infrastructure system improvement projects while providing protections  
8 to ratepayers, including an overall cap to be included in the plan, which  
9 provides certainty regarding cost recovery for the duration of the plan.  
10 The issue of whether project cost increases are recoverable has been  
11 litigated at the Commission and appealed to the Court of Appeals in  
12 NIPSCO's TDSIC-5, 6, 7, and 8. The Settlement reflects an appropriate  
13 resolution by providing annual caps, while allowing project by project  
14 variation.

1    **Q9. Please explain how NIPSCO will be allowed to deviate above the**  
2       **annual cap.**

3    A9. Because of the way NIPSCO's projects are planned, managed and  
4       executed, it is nearly impossible to schedule expenditures that match  
5       exactly to the cap for each year of the Plan. If NIPSCO does not spend up  
6       to the cap in a particular year, the remaining amount may be rolled over  
7       as an increase to the cap in the following years. If a given project is  
8       rescheduled in whole or in part to a different year, the annual caps for the  
9       affected years will be adjusted to reflect the reduction or addition of the  
10      approved estimate for that project. The parties and the Commission also  
11      retain the ability to review any costs in excess of approved estimates in  
12      accordance with Ind. Code §8-1-39-9(f).

13   **Q10. Does this conclude your prepared settlement testimony?**

14   A10. Yes.

## VERIFICATION

I, Donald L. Bull, Director of Gas TDSIC Projects for NiSource Corporate Services Company, affirm under penalties of perjury that the foregoing representations are true and correct to the best of my knowledge, information and belief.

A handwritten signature in dark ink, appearing to read "Donald L. Bull", is written over a horizontal line.

Donald L. Bull

Date: November 9, 2018

## NORTHERN INDIANA PUBLIC SERVICE COMPANY

Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9

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## UPDATED 7-YEAR GAS PLAN BY PROJECT CATEGORY AS FILED (Includes BSR11, K1 and Overruns)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Line No.	Project Category	2014 Updated	2015 Updated	2016 Updated	2017 Updated	2018 Updated	2019 Updated	2020 Updated	7-Year Total
	<b>Direct Capital</b>								
	<u>Transmission Project Category</u>								
1	Transmission Pipeline Replacement	\$127,445	\$20,615,573	\$51,541,774	\$66,175,075	\$70,604,801	\$65,850,288	\$58,301,356	\$333,216,312
2	Prepare Lines for In-Line Inspection - Transmission	\$237,195	\$4,633,300	\$6,404,793	\$8,002,286	\$8,536,275	\$6,883,696	\$7,164,314	\$41,861,859
3	Shallow Pipe Replacement - Transmission	\$1,782,944	\$0	\$0	\$0	\$0	\$0	\$0	\$1,782,944
4	Inspect & Mitigate - Transmission	\$3,671,153	\$6,526,054	\$12,238,036	\$5,025,879	\$3,295,805	\$904,559	\$1,635,744	\$33,297,230
5	System Deliverability - Transmission	\$3,850,024	\$2,131,217	\$8,264,198	\$2,686,356	\$9,518,925	\$0	\$0	\$26,450,720
6	Total Transmission	\$9,668,761	\$33,906,144	\$78,448,801	\$81,889,596	\$91,955,806	\$73,638,543	\$67,101,414	\$436,609,065
	<u>Distribution Project Category</u>								
7	Kokomo Low Pressure System - Distribution	\$0	\$0	\$0	\$0	\$0	\$500,000	\$8,175,664	\$8,675,664
8	Bare Steel Replacement - Distribution	\$1,644,539	\$13,375,532	\$8,218,244	\$7,557,934	\$7,297,000	\$9,627,000	\$9,831,000	\$57,551,249
9	System Deliverability - Distribution	\$36,796	\$3,437,955	\$100,561	\$14,799	\$0	\$0	\$0	\$3,590,111
10	Master Meter System Upgrades - Distribution	\$0	\$426,701	\$223,751	\$0	\$0	\$0	\$490,740	\$1,141,192
11	Inspect & Mitigate - Distribution	\$2,651,050	\$2,772,596	\$2,251,724	\$1,620,738	\$2,100,955	\$1,646,748	\$2,201,387	\$15,245,198
12	Rural Extensions - Distribution	\$17,049,310	\$28,647,224	\$16,819,538	\$20,781,764	\$16,645,785	\$17,256,058	\$18,070,578	\$135,270,257
13	Total Distribution	\$21,381,695	\$48,660,008	\$27,613,818	\$29,975,235	\$26,043,740	\$29,029,806	\$38,769,369	\$221,473,671
	<u>Storage Project Category</u>								
14	Storage Projects	\$564,822	\$2,838,792	\$1,307,443	\$323,517	\$0	\$0	\$0	\$5,034,574
15	Total Storage	\$564,822	\$2,838,792	\$1,307,443	\$323,517	\$0	\$0	\$0	\$5,034,574
16	Cost Overruns	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	Prior Year Reconciliation	\$0	(\$187,761)	\$273,136	(\$116,342)	(\$317,549)	\$0	\$0	(\$348,516)
18	Total Direct Capital	\$31,615,278	\$85,217,183	\$107,643,198	\$112,072,006	\$117,681,997	\$102,668,349	\$105,870,783	\$662,768,794
19	Indirect Capital - Other	\$7,127,482	\$9,443,998	\$12,617,379	\$11,613,259	\$14,319,731	\$16,598,389	\$15,890,146	\$87,610,384
20	AFUDC	\$384,989	\$1,710,966	\$3,914,246	\$3,580,175	\$2,145,317	\$2,999,559	\$2,004,566	\$16,739,818
21	Total Capital	\$39,127,749	\$96,372,147	\$124,174,823	\$127,265,440	\$134,147,045	\$122,266,297	\$123,765,495	\$767,118,996
22	Total O&M (Integrity Data Integration Project)	\$2,126,788	\$2,985,601	\$2,440,290	\$2,332,534	\$2,314,787	\$0	\$0	\$12,200,000



## NORTHERN INDIANA PUBLIC SERVICE COMPANY

Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9

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## UPDATED 7-YEAR GAS PLAN BY PROJECT CATEGORY REVISED (Excludes BSR11, K1 and Overruns)

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Line No.	Project Category	2014 Updated	2015 Updated	2016 Updated	2017 Updated	2018 Updated	2019 Updated	2020 Updated	7-Year Total
	<b>Direct Capital</b>								
	<u>Transmission Project Category</u>								
1	Transmission Pipeline Replacement	\$127,445	\$20,615,573	\$51,541,774	\$66,175,075	\$70,604,801	\$65,850,288	\$58,301,356	\$333,216,312
2	Prepare Lines for In-Line Inspection - Transmission	\$237,195	\$4,633,300	\$6,404,793	\$8,002,286	\$8,536,275	\$6,883,696	\$7,164,314	\$41,861,859
3	Shallow Pipe Replacement - Transmission	\$1,782,944	\$0	\$0	\$0	\$0	\$0	\$0	\$1,782,944
4	Inspect & Mitigate - Transmission	\$3,671,153	\$6,526,054	\$12,238,036	\$5,025,879	\$3,295,805	\$904,559	\$1,635,744	\$33,297,230
5	System Deliverability - Transmission	\$3,850,024	\$2,131,217	\$8,264,198	\$2,686,356	\$9,518,925	\$0	\$0	\$26,450,720
6	Total Transmission	\$9,668,761	\$33,906,144	\$78,448,801	\$81,889,596	\$91,955,806	\$73,638,543	\$67,101,414	\$436,609,065
	<u>Distribution Project Category</u>								
7	Kokomo Low Pressure System - Distribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Bare Steel Replacement - Distribution	\$1,644,539	\$13,375,532	\$2,495,961	\$0	\$0	\$0	\$0	\$17,516,032
9	System Deliverability - Distribution	\$36,796	\$3,437,955	\$100,561	\$14,799	\$0	\$0	\$0	\$3,590,111
10	Master Meter System Upgrades - Distribution	\$0	\$426,701	\$223,751	\$0	\$0	\$0	\$490,740	\$1,141,192
11	Inspect & Mitigate - Distribution	\$2,651,050	\$2,772,596	\$2,251,724	\$1,620,738	\$2,100,955	\$1,646,748	\$2,201,387	\$15,245,198
12	Rural Extensions - Distribution	\$17,049,310	\$28,647,224	\$16,819,538	\$20,781,764	\$16,645,785	\$17,256,058	\$18,070,578	\$135,270,257
13	Total Distribution	\$21,381,695	\$48,660,008	\$21,891,535	\$22,417,301	\$18,746,740	\$18,902,806	\$20,762,705	\$172,762,790
	<u>Storage Project Category</u>								
14	Storage Projects	\$564,822	\$2,838,792	\$1,307,443	\$323,517	\$0	\$0	\$0	\$5,034,574
15	Total Storage	\$564,822	\$2,838,792	\$1,307,443	\$323,517	\$0	\$0	\$0	\$5,034,574
16	Cost Overruns	\$0	(\$7,270,148)	(\$7,128,057)	(\$12,734,237)	\$0	\$0	\$0	(\$27,132,442)
17	Prior Year Reconciliation	\$0	(\$187,761)	\$273,136	(\$116,342)	(\$317,549)	\$0	\$0	(\$348,516)
18	Total Direct Capital	\$31,615,278	\$77,947,035	\$94,792,858	\$91,779,835	\$110,384,997	\$92,541,349	\$87,864,119	\$586,925,471
19	Indirect Capital - Other	\$7,127,482	\$8,638,301	\$11,193,997	\$9,632,611	\$13,431,821	\$14,961,157	\$13,187,526	\$78,172,895
20	AFUDC	\$384,989	\$1,564,998	\$3,390,556	\$2,950,345	\$2,012,294	\$2,703,689	\$1,663,626	\$14,670,497
21	Total Capital	\$39,127,749	\$88,150,334	\$109,377,411	\$104,362,791	\$125,829,112	\$110,206,195	\$102,715,271	\$679,768,863
22	Total O&M (Integrity Data Integration Project)	\$2,126,788	\$2,985,601	\$2,440,290	\$2,332,534	\$2,314,787	\$0	\$0	\$12,200,000

22	Total O&M (Integrity Data Integration Project)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
**UPDATED 7-YEAR GAS PLAN BY PROJECT CATEGORY**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9  
Page 1 of 29

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Line No.	Project Category	2014 Updated	2015 Updated	2016 Updated	2017 Updated	2018 Updated	2019 Updated	2020 Updated	7-Year Total
	<b>Direct Capital</b>								
	<u>Transmission Project Category</u>								
1	Transmission Pipeline Replacement	\$127,445	\$20,615,573	\$51,541,774	\$66,175,075	\$70,604,801	\$65,850,288	\$58,301,356	\$333,216,312
2	Prepare Lines for In-Line Inspection - Transmission	\$237,195	\$4,633,300	\$6,404,793	\$8,002,286	\$8,536,275	\$6,883,696	\$7,164,314	\$41,861,859
3	Shallow Pipe Replacement - Transmission	\$1,782,944	\$0	\$0	\$0	\$0	\$0	\$0	\$1,782,944
4	Inspect & Mitigate - Transmission	\$3,671,153	\$6,526,054	\$12,238,036	\$5,025,879	\$3,295,805	\$904,559	\$1,635,744	\$33,297,230
5	System Deliverability - Transmission	\$3,850,024	\$2,131,217	\$8,264,198	\$2,686,356	\$9,518,925	\$0	\$0	\$26,450,720
6	<b>Total Transmission</b>	<b>\$9,668,761</b>	<b>\$33,906,144</b>	<b>\$78,448,801</b>	<b>\$81,889,596</b>	<b>\$91,955,806</b>	<b>\$73,638,543</b>	<b>\$67,101,414</b>	<b>\$436,609,065</b>
	<u>Distribution Project Category</u>								
7	Kokomo Low Pressure System - Distribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Bare Steel Replacement - Distribution	\$1,644,539	\$13,375,532	\$2,495,961	\$0	\$0	\$0	\$0	\$17,516,032
9	System Deliverability - Distribution	\$36,796	\$3,437,955	\$100,561	\$14,799	\$0	\$0	\$0	\$3,590,111
10	Master Meter System Upgrades - Distribution	\$0	\$426,701	\$223,751	\$0	\$0	\$0	\$490,740	\$1,141,192
11	Inspect & Mitigate - Distribution	\$2,651,050	\$2,772,596	\$2,251,724	\$1,620,738	\$2,100,955	\$1,646,748	\$2,201,387	\$15,245,198
12	Rural Extensions - Distribution	\$17,049,310	\$28,647,224	\$16,819,538	\$20,781,764	\$16,645,785	\$17,256,058	\$18,070,578	\$135,270,257
13	<b>Total Distribution</b>	<b>\$21,381,695</b>	<b>\$48,660,008</b>	<b>\$21,891,535</b>	<b>\$22,417,301</b>	<b>\$18,746,740</b>	<b>\$18,902,806</b>	<b>\$20,762,705</b>	<b>\$172,762,790</b>
	<u>Storage Project Category</u>								
14	Storage Projects	\$564,822	\$2,838,792	\$1,307,443	\$323,517	\$0	\$0	\$0	\$5,034,574
15	<b>Total Storage</b>	<b>\$564,822</b>	<b>\$2,838,792</b>	<b>\$1,307,443</b>	<b>\$323,517</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,034,574</b>
16	Cost Overruns	\$0	(\$7,270,148)	(\$7,128,057)	(\$12,734,237)	\$0	\$0	\$0	(\$27,132,442)
17	Prior Year Reconciliation	\$0	(\$187,761)	\$273,136	(\$116,342)	(\$317,549)	\$0	\$0	(\$348,516)
18	<b>Total Direct Capital</b>	<b>\$31,615,278</b>	<b>\$77,947,035</b>	<b>\$94,792,858</b>	<b>\$91,779,835</b>	<b>\$110,384,997</b>	<b>\$92,541,349</b>	<b>\$87,864,119</b>	<b>\$586,925,471</b>
19	Indirect Capital - Other	\$7,127,482	\$8,638,301	\$11,193,997	\$9,632,611	\$13,431,821	\$14,961,157	\$13,187,526	\$78,172,895
20	AFUDC	\$384,989	\$1,564,998	\$3,390,556	\$2,950,345	\$2,012,294	\$2,703,689	\$1,663,626	\$14,670,497
21	<b>Total Capital</b>	<b>\$39,127,749</b>	<b>\$88,150,334</b>	<b>\$109,377,411</b>	<b>\$104,362,791</b>	<b>\$125,829,112</b>	<b>\$110,206,195</b>	<b>\$102,715,271</b>	<b>\$679,768,863</b>
22	<b>Total O&amp;M (Integrity Data Integration Project)</b>	<b>\$2,126,788</b>	<b>\$2,985,601</b>	<b>\$2,440,290</b>	<b>\$2,332,534</b>	<b>\$2,314,787</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,200,000</b>
23	TDSIC8 Approved 7-Year								
24	Total Transmission	\$11,509,043	\$35,872,682	\$79,133,671	\$86,930,635	\$87,176,343	\$64,560,422	\$67,101,414	\$432,284,210
25	Total Distribution	\$22,999,993	\$52,499,982	\$29,478,892	\$32,246,627	\$26,612,285	\$29,029,806	\$38,769,369	\$231,636,954
26	Total Storage	\$570,890	\$2,916,024	\$1,307,443	\$1,659,139	\$0	\$0	\$0	\$6,453,496
27	Cost Overruns	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	Prior Year Reconciliation	\$0	(\$187,761)	\$273,136	(\$133,091)	\$0	\$0	\$0	(\$47,716)
29	<b>Total Direct Capital</b>	<b>\$35,079,926</b>	<b>\$91,100,927</b>	<b>\$110,193,142</b>	<b>\$120,703,310</b>	<b>\$113,788,628</b>	<b>\$93,590,228</b>	<b>\$105,870,783</b>	<b>\$670,326,944</b>
30	Indirect Capital - Other	\$7,616,075	\$10,330,991	\$13,115,079	\$12,519,635	\$13,845,674	\$15,130,730	\$15,890,146	\$88,448,330
31	AFUDC	\$420,425	\$1,768,555	\$3,958,321	\$3,734,288	\$2,059,018	\$2,734,334	\$2,012,043	\$16,686,984
32	<b>Total Capital</b>	<b>\$43,116,426</b>	<b>\$103,200,473</b>	<b>\$127,266,542</b>	<b>\$136,957,233</b>	<b>\$129,693,320</b>	<b>\$111,455,292</b>	<b>\$123,772,972</b>	<b>\$775,462,258</b>
33	<b>Total O&amp;M (Integrity Data Integration Project)</b>	<b>\$2,126,788</b>	<b>\$2,985,601</b>	<b>\$2,440,290</b>	<b>\$2,332,534</b>	<b>\$2,314,787</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,200,000</b>
34	Variance								
35	Total Transmission	(\$1,840,282)	(\$1,966,538)	(\$684,870)	(\$5,041,039)	\$4,779,463	\$9,078,121	\$0	\$4,324,855
36	Total Distribution	(\$1,618,298)	(\$3,839,974)	(\$7,587,357)	(\$9,829,326)	(\$7,865,545)	(\$10,127,000)	(\$18,006,664)	(\$58,874,164)
37	Total Storage	(\$6,068)	(\$77,232)	\$0	(\$1,335,622)	\$0	\$0	\$0	(\$1,418,922)
38	Cost Overruns	\$0	(\$7,270,148)	(\$7,128,057)	(\$12,734,237)	\$0	\$0	\$0	(\$27,132,442)
39	Prior Year Reconciliation	\$0	\$0	\$0	\$16,749	(\$317,549)	\$0	\$0	(\$300,800)
40	<b>Total Direct Capital Variance</b>	<b>(\$3,464,648)</b>	<b>(\$13,153,892)</b>	<b>(\$15,400,284)</b>	<b>(\$28,923,475)</b>	<b>(\$3,403,631)</b>	<b>(\$1,048,879)</b>	<b>(\$18,006,664)</b>	<b>(\$83,401,473)</b>
41	Indirect Capital - Other	(\$488,593)	(\$1,692,690)	(\$1,921,082)	(\$2,887,024)	(\$413,853)	(\$169,573)	(\$2,702,620)	(\$10,275,435)
42	AFUDC	(\$35,436)	(\$203,557)	(\$567,765)	(\$783,943)	(\$46,724)	(\$30,645)	(\$348,417)	(\$2,016,487)
43	<b>Total Capital Variance</b>	<b>(\$3,988,677)</b>	<b>(\$15,050,139)</b>	<b>(\$17,889,131)</b>	<b>(\$32,594,442)</b>	<b>(\$3,864,208)</b>	<b>(\$1,249,097)</b>	<b>(\$21,057,701)</b>	<b>(\$95,693,395)</b>
44	<b>Total O&amp;M (Integrity Data Integration Project) Variance</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Excluded from public access per A.R. 9(G)

**NORTHERN INDIANA PUBLIC SERVICE COMPANY** Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
**UPDATED 7-YEAR GAS PLAN BY FERC ACCOUNT** Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9  
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(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Line No.	Gas FERC Account	2014 Updated	2015 Updated	2016 Updated	2017 Updated	2018 Updated	2019 Updated	2020 Updated	7-Year Total
	<b>Direct Capital</b>								
	<u>Transmission</u>								
1	365 Land & Land Rights - Transmission	\$0	\$71,865	\$236,819	\$408,302	\$0	\$0	\$0	\$716,986
2	366 Structures and Improvements - Transmission	\$0	\$8,278	\$450,878	\$1,474,654	\$0	\$0	\$0	\$1,933,810
3	367 Mains - Transmission	\$8,036,686	\$29,933,251	\$75,566,785	\$75,420,688	\$91,320,829	\$71,663,034	\$66,582,532	\$418,523,805
4	369 Meas. & Reg Station Equipment - Transmission	\$78,153	\$4,473,577	\$2,745,353	\$4,395,006	\$581,977	\$1,317,006	\$501,392	\$14,092,464
5	370 Communication Equipment - Transmission	\$0	\$45,397	(\$45,397)	\$0	\$53,000	\$658,503	\$17,490	\$728,993
6	<b>Total Transmission</b>	\$8,114,839	\$34,532,368	\$78,954,438	\$81,698,650	\$91,955,806	\$73,638,543	\$67,101,414	\$435,996,058
	<u>Distribution</u>								
7	374 Land & Land Rights - Distribution	\$0	\$0	\$7,875	\$1,217	\$0	\$0	\$0	\$9,092
8	375 Structures and Improvements - Distribution	\$0	\$152,519	\$734	(\$33)	\$0	\$0	\$0	\$153,220
9	376 Mains - Distribution	\$12,476,639	\$31,339,826	\$11,352,400	\$11,733,500	\$12,088,425	\$12,000,382	\$13,338,177	\$104,329,349
10	378 Meas. & Reg Station Equipment - Distribution	\$4,745,883	\$4,052,648	\$635,254	\$201,437	\$0	\$0	\$0	\$9,635,222
11	380 Services - Distribution	\$5,421,848	\$8,655,045	\$8,650,334	\$9,842,067	\$4,993,736	\$5,176,818	\$5,568,396	\$48,308,244
12	382 Meter Installations - Distribution	\$34,447	\$1,375,837	\$355,525	\$259,135	\$0	\$0	\$0	\$2,024,944
13	383 House Regulators - Distribution	\$1,600	\$1,184,833	\$411,631	\$238,544	\$1,664,579	\$1,725,606	\$1,856,132	\$7,082,925
14	384 House Regulator Installations - Distribution	\$0	\$1,230	\$5	\$4	\$0	\$0	\$0	\$1,239
15	385 Industrial Measuring and Regulating Station Equip - Distribution	\$171,995	\$503,867	\$244,850	\$220,929	\$0	\$0	\$0	\$1,141,641
16	397 Communication Equipment - Distribution	\$131,633	(\$478)	\$3,683	(\$3,598)	\$0	\$0	\$0	\$131,240
17	<b>Total Distribution</b>	\$22,984,045	\$47,265,327	\$21,662,291	\$22,493,202	\$18,746,740	\$18,902,806	\$20,762,705	\$172,817,116
	<u>Storage</u>								
18	351 Structures and Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	353 Lines - Storage	\$219,487	\$1,324,261	\$212,021	(\$9,970)	\$0	\$0	\$0	\$1,745,799
20	354 Compressor Station Equipment - Storage	\$0	\$60,206	\$62,797	\$27,945	\$0	\$0	\$0	\$150,948
21	355 Meas. & Reg Station Equipment - Storage	\$0	\$0	\$0	\$113	\$0	\$0	\$0	\$113
22	356 Purification Equipment - Storage	\$39,391	\$116,060	\$341,695	\$37,002	\$0	\$0	\$0	\$534,148
23	357 Other Equipment - Storage	\$52,653	(\$19,164)	\$136	\$535	\$0	\$0	\$0	\$34,160
24	361 Structures and Improvement - Storage	\$21,556	\$609,040	\$476,350	\$28,133	\$0	\$0	\$0	\$1,135,079
25	362 Gas Holders - Storage	\$0	\$144,259	\$1,521	(\$1)	\$0	\$0	\$0	\$145,779
26	363 Equipment - Storage	\$183,307	\$1,184,826	\$209,666	\$238,463	\$0	\$0	\$0	\$1,816,262
27	<b>Total Storage</b>	\$516,394	\$3,419,488	\$1,304,186	\$322,220	\$0	\$0	\$0	\$5,562,288
28	<b>Cost Overruns</b>	\$0	(\$7,270,148)	(\$7,128,057)	(\$12,734,237)	\$0	\$0	\$0	(\$27,132,442)
29	<b>Prior Year Reconciliation</b>	\$0	\$0	\$0	\$0	(\$317,549)	\$0	\$0	(\$317,549)
30	<b>Total Direct Capital</b>	<b>\$31,615,278</b>	<b>\$77,947,035</b>	<b>\$94,792,858</b>	<b>\$91,779,835</b>	<b>\$110,384,997</b>	<b>\$92,541,349</b>	<b>\$87,864,119</b>	<b>\$586,925,471</b>
31	<b>Indirect Capital - Other</b>	<b>\$7,127,482</b>	<b>\$8,638,301</b>	<b>\$11,193,997</b>	<b>\$9,632,611</b>	<b>\$13,431,821</b>	<b>\$14,961,157</b>	<b>\$13,187,526</b>	<b>\$78,172,895</b>
32	<b>AFUDC</b>	<b>\$384,989</b>	<b>\$1,564,998</b>	<b>\$3,390,556</b>	<b>\$2,950,345</b>	<b>\$2,012,294</b>	<b>\$2,703,689</b>	<b>\$1,663,626</b>	<b>\$14,670,497</b>
33	<b>Total Capital</b>	<b>\$39,127,749</b>	<b>\$88,150,334</b>	<b>\$109,377,411</b>	<b>\$104,362,791</b>	<b>\$125,829,112</b>	<b>\$110,206,195</b>	<b>\$102,715,271</b>	<b>\$679,768,863</b>
34	<b>Total O&amp;M (Integrity Data Integration Project)</b>	<b>\$2,126,788</b>	<b>\$2,985,601</b>	<b>\$2,440,290</b>	<b>\$2,332,534</b>	<b>\$2,314,787</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,200,000</b>

Excluded from public access per A.R. 9(G)

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
**UPDATED GAS 2014 PROJECT DETAIL - DIRECT CAPITAL DOLLARS ONLY**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2014 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		TRANSMISSION SYSTEM INVESTMENTS					
		Transmission Pipeline Replacement					
1	TP1		Safety & Reliability	State Line to Highland Transmission Project			
				Total Transmission Pipeline Replacement			
		Prepare Lines for In-Line Inspection - Transmission					
2	ILI2		Safety & Reliability	Engineering for 2015 In Line Inspections			
				Total Prepare Lines for In-Line Inspection - Transmission			
		Shallow Pipe Replacement - Transmission					
3	SP2		Safety & Reliability	Shallow Pipe - LS 22-113			
				Total Shallow Pipe Replacement - Transmission			
		Inspect & Mitigate - Transmission					
4	IM2		Safety & Reliability	Burns Ditch Bore			
5	IM3		Safety & Reliability	Saint Mary's River Bores			
6	IM4		Safety & Reliability	Crossing US Ship Canal 20 inch Bore - Engineering			
				Total Inspect & Mitigate - Transmission			
		System Deliverability - Transmission					
7	SD1		Safety & Reliability	112th Street HP Connection with regulation			
8	SD2		Safety & Reliability	LNG - Expand LNG Liquefaction Capacity			
9	SD3		Safety & Reliability	Arcelor Mittal Run Changer			
10	SD4		Safety & Reliability	Summit and Main 12" Regulator Improvements			
				Total System Deliverability - Transmission			
11		Total Transmission Investment			\$9,668,761	(\$87,558)	\$9,581,203

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
**UPDATED GAS 2014 PROJECT DETAIL - DIRECT CAPITAL DOLLARS ONLY**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2014 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		<b>DISTRIBUTION SYSTEM INVESTMENTS</b>					
		<b>Bare Steel Replacement - Distribution</b>					
12	BSR1		Safety & Reliability	Replace South Bend 6 inch Op HQ to 31(Michigan) and Chippewa			
13	BSR3		Safety & Reliability	Mishawaka Laterals Replacement			
14	BSR4		Safety & Reliability	SB 10" Elkhart Line - Calvert St			
15	DSD5-BSR		Safety & Reliability	South Bend 6 inch Michigan St. (Century Center)			
				<b>Total Bare Steel Replacement - Distribution</b>			
		<b>System Deliverability - Distribution</b>					
16	DSD2		Safety & Reliability	Moeller Road 1" Regulator Station			
				<b>Total System Deliverability - Distribution</b>			
		<b>Inspect &amp; Mitigate - Distribution</b>					
17	DIM2		Safety & Reliability	Engineering for Capital Projects			
18	DIM3		Safety & Reliability	Corrosion Rectifiers Install/Replace			
19	DIM5		Safety & Reliability	Denham Station 7179-1 Odorant System Rebuild			
20	DIM6		Safety & Reliability	Inside Metering/Reg In High Occupancy Bldgs			
21	DIM7		Safety & Reliability	Corr Rectifier Remote Monitoring 2011			
22	DIM11		Safety & Reliability	By-Pass Odorizer Replacement			
23	DIM13		Safety & Reliability	Angola Multiple Customer Regulator Replacements			
24	DIM16		Safety & Reliability	Replace Regulator 8856-6 Cleveland & Timberline Station			
25	DIM18		Safety & Reliability	NW Hobart Reg Station			
26	DIM19		Safety & Reliability	Rebuild 8633-6 Bittersweet & Larry's Lane			
27	DIM20		Safety & Reliability	South Bend Regulator Pit Lid Replacement			
28	DIM21		Safety & Reliability	Rebuild 8269-6 Marycrest & New Carlisle			
29	DIM22		Safety & Reliability	Rebuild Ironwood & Roosevelt Reg Sta #8654-6			
30	DIM23		Safety & Reliability	Rebuild 53305-6 Franklin & Western			
31	DIM25		Safety & Reliability	Rebuild 7715-6 13th & Dodge StaRebuild 7716-6 16th & Union			
32	DIM26		Safety & Reliability	Rebuild 7784-6 Bittersweet & Douglas Sta			
33	DIM27		Safety & Reliability	Vistula Station Regulator Building			
				<b>Total Inspect &amp; Mitigate - Distribution</b>			
		<b>Rural Extensions - Distribution</b>					
34	RE1		Safety & Reliability	Rural Extensions			
				<b>Total Rural Extensions - Distribution</b>			
35		<b>Total Distribution Investment</b>			\$21,381,695	(\$88,050)	\$21,293,645

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
**UPDATED GAS 2014 PROJECT DETAIL - DIRECT CAPITAL DOLLARS ONLY**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2014 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		<b>STORAGE SYSTEM INVESTMENTS</b>					
		<b>Storage Projects</b>					
36	S1		Safety & Reliability	RCUGS- Replace Dehydration Unit Controls			
37	S2		Safety & Reliability	RCUGS-Replace South Trenton Drip #6 & #8			
38	S3		Safety & Reliability	RCUGS-Replace North Trenton Drip 6" Piping			
39	S4		Safety & Reliability	RCUGS-Replace Isolation Block Valves			
40	S5		Safety & Reliability	RCUGS-Install Liner In Gathering Line Pipe Section ST-10-101			
41	S6		Safety & Reliability	RCUGS - Replace Portable 100 Barrel Water Tanks			
42	S7		Safety & Reliability	RCUGS - Replace Plant SCADA Network Wiring			
43	S7.1		Safety & Reliability	RCUGS - Burner Control			
44	S8		Safety & Reliability	Replace LNG UPS Unit			
45	S9		Safety & Reliability	LNG- Replace Feed Gas Analyzer			
46	S10		Safety & Reliability	LNG- Replace Station Air Compressors			
47	S11		Safety & Reliability	LNG - Install Power Generator			
48	S12		Safety & Reliability	LNG - Replace Compressor Building Lighting			
49	S13		Safety & Reliability	LNG - Replace U-1 Fire Water Pump Controls			
50	S14		Safety & Reliability	RCUGS - Replace #2 Desulfurizer Flare Stack and Flame Control			
				<b>Total Storage Projects</b>	\$564,822	(\$54,986)	\$509,836
51		<b>Total Storage Investment</b>			\$564,822	(\$54,986)	\$509,836
52		<b>Total Direct Capital Investment</b>			\$31,615,278	(\$230,594)	\$31,384,684
53	OM1	<b>Total O&amp;M Investment</b>	Safety & Reliability	System Integrity Data Integration	\$2,126,788	\$0	\$2,126,788

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
**UPDATED GAS 2015 PROJECT DETAIL - DIRECT CAPITAL DOLLARS ONLY**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2015 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		TRANSMISSION SYSTEM INVESTMENTS					
		Transmission Pipeline Replacement					
1	TP3		Safety & Reliability	Engineering for Transmission Pipeline Replacements			
				Total Transmission Pipeline Replacement			
		Prepare Lines for In-Line Inspection - Transmission					
2	ILU1		Safety & Reliability	In-Line Inspection System Modifications			
3	ILU2		Safety & Reliability	Engineering for 2015 In Line Inspections			
				Total Prepare Lines for In-Line Inspection - Transmission			
		Inspect & Mitigate - Transmission					
4	IM4		Safety & Reliability	Crossing US Ship Canal 20 inch Bore - Engineering			
5	IM5		Safety & Reliability	Pressure Monitoring			
6	IM6		Safety & Reliability	GSO RTU Upgrade - Age & Condition			
7	IM7		Safety & Reliability	GSO RTU Communications Upgrade - Age & Condition			
8	IM25-DIM35		Safety & Reliability	Corrosion Moisture Monitoring			
9	IM27		Safety & Reliability	Engineering Capital Projects			
10	IM28-DIM38		Safety & Reliability	North Hayden Odorant System Replacement			
11	IM29-DIM5		Safety & Reliability	Denham Station 7179-1 Odorant System Rebuild			
				Total Inspect & Mitigate - Transmission			
		System Deliverability - Transmission					
12	SD2		Safety & Reliability	LNG - Expand LNG Liquefaction Capacity			
13	SD3		Safety & Reliability	Arcelor Mittal Run Changer			
14	SD5		Safety & Reliability	Goodland Trunkline Regulator Station #7176 Upgrade			
15	SD14		Safety & Reliability	Engineering for Capital Projects - System Deliverability Transmission			
				Total System Deliverability - Transmission			
16		Total Transmission Investment			\$33,906,144	\$239,895	\$34,146,039



**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
**UPDATED GAS 2015 PROJECT DETAIL - DIRECT CAPITAL DOLLARS ONLY**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2015 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		<b>DISTRIBUTION SYSTEM INVESTMENTS</b>					
		<b>Bare Steel Replacement - Distribution</b>					
17	BSR6		Safety & Reliability	Byrkit Ave. 5th Ave.			
18	BSR8		Safety & Reliability	Bare Steel along US12/20 in Gary - 28,000 ft @ 8"			
19	BSR9		Safety & Reliability	Engineering for 2016 and 2017 Bare Steel Projects			
20	BSR10		Safety & Reliability	Bare Steel Replacement			
				<b>Total Bare Steel Replacement - Distribution</b>			
		<b>System Deliverability - Distribution</b>					
21	DSD3		Safety & Reliability	Therma Tru Butler, IN			
22	DSD4		Safety & Reliability	Main & Summit Regulator Station Upgrade			
23	DSD5		Safety & Reliability	South Bend 6 inch Michigan St (Century Center)			
24	DSD7		Safety & Reliability	GSID - Kouts - Merit Steel System Improvement			
25	DSD8		Safety & Reliability	GSID Lake of the Four Seasons Inlet System Improvement			
26	DSD9		Safety & Reliability	GSID Masons Village, Auburn System Improvement			
				<b>Total System Deliverability - Distribution</b>			
		<b>Master Meter System Upgrades - Distribution</b>					
27	MM1		Safety & Reliability	Master Meter System Upgrades			
				<b>Total Master Meter System Upgrades - Distribution</b>			
		<b>Inspect &amp; Mitigate - Distribution</b>					
28	DIM2		Safety & Reliability	Engineering for Capital Projects			
29	DIM3		Safety & Reliability	Corrosion Rectifiers Install/Replace			
30	DIM5		Safety & Reliability	Denham Station 7179-1 Odorant System Rebuild			
31	DIM6		Safety & Reliability	Inside Metering/Reg In High Occupancy Bldgs			
32	DIM13		Safety & Reliability	Angola Multiple Customer Regulator Replacements			
33	DIM16		Safety & Reliability	Replace Regulator 8856-6 Cleveland & Timberline Station			
34	DIM17		Safety & Reliability	Bendix & Lathrop Station 7706-6			
35	DIM18		Safety & Reliability	NW Hobart Reg Station			
36	DIM19		Safety & Reliability	Rebuild 8633-6 Bittersweet & Larry's Lane			
37	DIM20		Safety & Reliability	South Bend Regulator Pit Lid Replacement			
38	DIM21		Safety & Reliability	Rebuild 8269-6 Marycrest & New Carlisle			
39	DIM22		Safety & Reliability	Rebuild Ironwood & Roosevelt Reg Sta #8654-6			
40	DIM39		Safety & Reliability	Replace Regulator 49937 - Flora			
				<b>Total Inspect &amp; Mitigate - Distribution</b>			
		<b>Rural Extensions - Distribution</b>					
41	RE1		Safety & Reliability	Rural Extensions			
				<b>Total Rural Extensions - Distribution</b>			
42		<b>Total Distribution Investment</b>			<b>\$48,660,008</b>	<b>(\$19,279)</b>	<b>\$48,640,729</b>

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
**UPDATED GAS 2015 PROJECT DETAIL - DIRECT CAPITAL DOLLARS ONLY**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2015 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		<b>STORAGE SYSTEM INVESTMENTS</b>					
		<b>Storage Projects</b>					
43	S1		Safety & Reliability	RCUGS- Replace Dehydration Unit Controls			
44	S2		Safety & Reliability	RCUGS-Replace South Trenton Drip #6 & #8			
45	S3		Safety & Reliability	RCUGS-Replace North Trenton Drip 6" Piping			
46	S4		Safety & Reliability	RCUGS-Replace Isolation Block Valves			
47	S5		Safety & Reliability	RCUGS-Install Liner in Gathering Line Pipe Section ST-10-101			
48	S8		Safety & Reliability	Replace LNG UPS Unit			
49	S9		Safety & Reliability	LNG- Replace Feed Gas Analyzer			
50	S10		Safety & Reliability	LNG- Replace Station Air Compressors			
51	S14		Safety & Reliability	RCUGS - Replace #2 Desulfurizer Flare Stack and Flame Control			
52	S16		Safety & Reliability	RCUGS - Purchase Methanol Pump			
53	S17		Safety & Reliability	RCUGS - Replace Drip #47 and #77			
54	S18		Safety & Reliability	RCUGS - Replace Piping at County Line Road Station			
55	S19		Safety & Reliability	RCUGS - Replace TLS 4 Ignition			
56	S21		Safety & Reliability	LNG - Install Feed Gas Piping			
57	S22		Safety & Reliability	LNG - Install Insulation Unit 1 LNG Storage Tank			
58	S23		Safety & Reliability	LNG - Replace C-102 A and B Control Systems			
59	S24		Safety & Reliability	LNG - Replace C-411 Controls			
60	S25		Safety & Reliability	LNG - Compressor Discharge Piping			
61	S26		Safety & Reliability	LNG - Replace Unit 1 Control Valve Operators			
62	S27		Safety & Reliability	LNG - Replace Vaporizer Flame Safeguard System			
63	S41		Safety & Reliability	Engineering for Capital Projects			
				<b>Total Storage Projects</b>			
64		<b>Total Storage Investment</b>			\$2,838,792	(\$5,193)	\$2,833,599
65		<b>Cost Overruns</b>			(\$7,270,148)	\$0	\$0
66	PYR1	<b>Prior Year Reconciliation</b>			(\$187,761)	\$0	(\$187,761)
67		<b>Total Direct Capital Investment</b>			\$77,947,035	\$215,423	\$85,432,606
68	OM1	<b>Total O&amp;M Investment</b>	Safety & Reliability	System Integrity Data Integration	\$2,985,601	\$0	\$2,985,601

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
**UPDATED GAS 2016 PROJECT DETAIL - DIRECT CAPITAL DOLLARS ONLY**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2016 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		<b>TRANSMISSION SYSTEM INVESTMENTS</b>					
		<b>Transmission Pipeline Replacement</b>					
1	TP1		Safety & Reliability	State Line to Highland Transmission Project			
2	TP2		Safety & Reliability	22" From Aetna to US 35 - LaPorte			
				<b>Total Transmission Pipeline Replacement</b>			
		<b>Prepare Lines for In-Line Inspection - Transmission</b>					
3	ILI4		Safety & Reliability	TIMP ILI System Modifications 30" North Hayden to Tassinong			
4	ILI8		Safety & Reliability	Engineering for ILI Modifications			
				<b>Total Prepare Lines for In-Line Inspection - Transmission</b>			
		<b>Inspect &amp; Mitigate - Transmission</b>					
5	IM1		Safety & Reliability	Company-Wide Gas Transmission Crossing Replacement			
6	IM5		Safety & Reliability	Pressure Monitoring			
7	IM6		Safety & Reliability	GSO RTU Upgrade - Age & Condition			
8	IM7		Safety & Reliability	GSO RTU Communications Upgrade - Age & Condition			
9	IM9		Safety & Reliability	Tipton Regulator Station Upgrade and Enclosure			
10	IM10		Safety & Reliability	FW ANR Supply Station Rebuild			
11	IM11		Safety & Reliability	Mayflower Road Regulator Station Enclosure			
12	IM12		Safety & Reliability	LaGrange SR9 Station - Replace Bypass Odorant System			
13	IM13		Safety & Reliability	Panhandle Williams Supply Station Rebuild			
14	IM14		Safety & Reliability	ANR Orland Odorant Tank Upgrade			
15	IM15		Safety & Reliability	Fremont Odorant Tank Upgrade			
16	IM17		Safety & Reliability	State Road 1 Regulator Station Rebuild			
17	IM18		Safety & Reliability	ANR Mongo Station Enclosure			
18	IM19		Safety & Reliability	ANR Monroe Station Enclosure			
19	IM27		Safety & Reliability	Engineering Capital Projects			
20	IM31-TP5		Safety & Reliability	North Saint Mary's River Bore			
21	IM32-TP6		Safety & Reliability	South Saint Mary's River Bore			
22	IM34-DIM40		Safety & Reliability	RMSGs Regulator Station Upgrade and Enclosure			
				<b>Total Inspect &amp; Mitigate - Transmission</b>			
		<b>System Deliverability - Transmission</b>					
23	SD8		Safety & Reliability	GSIT Crown Point 165psig System Improvement			
24	SD14		Safety & Reliability	Engineering for Capital Projects - System Deliverability Transmission			
				<b>Total System Deliverability - Transmission</b>			
25		<b>Total Transmission Investment</b>			\$78,448,801	\$11,151	\$78,459,952

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2016 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		<b>DISTRIBUTION SYSTEM INVESTMENTS</b>					
		<b>Bare Steel Replacement - Distribution</b>					
26	BSR8		Safety & Reliability	Bare Steel along US12/20 in Gary - 28,000 ft @ 8"			
27	BSR11		Safety & Reliability	Bare Steel - Gary and Balance of System Project			
				<b>Total Bare Steel Replacement - Distribution</b>			
		<b>System Deliverability - Distribution</b>					
28	DSD5		Safety & Reliability	South Bend 6 inch Michigan St (Century Center)			
29	DSD7		Safety & Reliability	GSID - Kouts - Merit Steel System Improvement			
30	DSD11		Safety & Reliability	Engineering for Capital Projects - System Deliverability Distribution			
				<b>Total System Deliverability - Distribution</b>			
		<b>Master Meter System Upgrades - Distribution</b>					
31	MM2		Safety & Reliability	Master Meter Upgrades			
				<b>Total Master Meter System Upgrades - Distribution</b>			
		<b>Inspect &amp; Mitigate - Distribution</b>					
32	DIM2		Safety & Reliability	Engineering for Capital Projects			
33	DIM31		Safety & Reliability	Company-Wide Gas Distribution Crossing Replacement			
34	DIM41		Safety & Reliability	Replace/Relocate Aylesworth Regulator Station			
35	DIM42		Safety & Reliability	Replace Regulator Station-Pulaski Co. 31460			
36	DIM43		Safety & Reliability	Relocate Meter Station-St. Catherine Hospital			
				<b>Total Inspect &amp; Mitigate - Distribution</b>			
		<b>Rural Extensions - Distribution</b>					
37	RE1		Safety & Reliability	Rural Extensions			
				<b>Total Rural Extensions - Distribution</b>			
38		<b>Total Distribution Investment</b>			\$21,891,535	(\$270,134)	\$21,621,401

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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2016 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		<b>STORAGE SYSTEM INVESTMENTS</b>					
		<b>Storage Projects</b>					
39	S15		Safety & Reliability	RCUGS - Trenton Field Isolation Valves			
40	S17		Safety & Reliability	RCUGS - Replace Drip #47 and #77			
41	S18		Safety & Reliability	RCUGS - Replace Piping at County Line Road Station			
42	S24		Safety & Reliability	LNG - Replace C-411 Controls			
43	S28		Safety & Reliability	LNG - Replace Perimeter Fence Security System			
44	S29		Safety & Reliability	LNG - Replace Unit 1 480 Volt Switchgear			
45	S30		Safety & Reliability	LNG - Replace Unit 1 Compressor Building Space Heaters			
46	S31		Safety & Reliability	RCUGS - Replace Desulf Inlet Separator			
47	S32		Safety & Reliability	RCUGS - Replace Water Treatment Filter Feed Pumps			
48	S34		Safety & Reliability	RCUGS - Replace TLA #4 Ignition			
49	S41		Safety & Reliability	Engineering for Capital Projects			
				<b>Total Storage Projects</b>			
50		<b>Total Storage Investment</b>			\$1,307,443	\$7,285	\$1,314,728
51		<b>Cost Overruns</b>			(\$7,128,057)	\$0	\$0
52	PYR1	<b>Prior Year Reconciliation</b>			\$273,136	\$0	\$273,136
53		<b>Total Direct Capital Investment</b>			\$94,792,858	(\$251,698)	\$101,669,217
54	OM1	<b>Total O&amp;M Investment</b>	Safety & Reliability	System Integrity Data Integration	\$2,440,290	\$0	\$2,440,290

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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2017 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		<b>TRANSMISSION SYSTEM INVESTMENTS</b>					
		<b>Transmission Pipeline Replacement</b>					
1	TP1		Safety & Reliability	State Line to Highland Transmission Project			
2	TP2		Safety & Reliability	22" From Aetna to US 35 - LaPorte			
3	TP3		Safety & Reliability	Engineering for Transmission Pipeline Replacements			
4	TP9		Safety & Reliability	16" Aetna to Tassinong			
				<b>Total Transmission Pipeline Replacement</b>			
		<b>Prepare Lines for In-Line Inspection - Transmission</b>					
5	ILI3		Safety & Reliability	ILI Modifications - 24" Royal Center to Laketon			
6	ILI4		Safety & Reliability	TIMP ILI System Modifications 30" North Hayden to Tassinong			
7	ILI8		Safety & Reliability	Engineering for ILI Modifications			
				<b>Total Prepare Lines for In-Line Inspection - Transmission</b>			
		<b>Inspect &amp; Mitigate - Transmission</b>					
8	IM1		Safety & Reliability	Company-Wide Gas Transmission Crossing Replacement			
9	IM5		Safety & Reliability	Pressure Monitoring			
10	IM6		Safety & Reliability	GSO RTU Upgrade - Age & Condition			
11	IM7		Safety & Reliability	GSO RTU Communications Upgrade - Age & Condition			
12	IM9		Safety & Reliability	Tipton Regulator Station Upgrade and Enclosure			
13	IM10		Safety & Reliability	FW ANR Supply Station Rebuild			
14	IM13		Safety & Reliability	Panhandle Williams Supply Station Rebuild			
15	IM27		Safety & Reliability	Engineering Capital Projects			
16	IM34-DIM40		Safety & Reliability	RMSGGS Regulator Station Upgrade and Enclosure			
				<b>Total Inspect &amp; Mitigate - Transmission</b>			
		<b>System Deliverability - Transmission</b>					
17	SD8		Safety & Reliability	GSIT Crown Point 165psig System Improvement			
18	SD9		Safety & Reliability	GSIT - Fort Wayne ISC R/W 140psig System Improvement			
19	SD11		Safety & Reliability	GSIT - LaPorte - Fish Lake System Improvement			
20	SD14		Safety & Reliability	Engineering for Capital Projects - System Deliverability Transmission			
				<b>Total System Deliverability - Transmission</b>			
21		<b>Total Transmission Investment</b>			<b>\$81,889,596</b>	<b>(\$86,728)</b>	<b>\$81,802,868</b>

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2017 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		<b>DISTRIBUTION SYSTEM INVESTMENTS</b>					
		<b>Bare Steel Replacement - Distribution</b>					
22	BSR11		Safety & Reliability	Bare Steel - Gary and Balance of System Project			
				Total Bare Steel Replacement - Distribution			
		<b>System Deliverability - Distribution</b>					
23	DSD11		Safety & Reliability	Engineering for Capital Projects - System Deliverability Distribution			
				Total System Deliverability - Distribution			
		<b>Inspect &amp; Mitigate - Distribution</b>					
24	DIM2		Safety & Reliability	Engineering for Capital Projects			
25	DIM31		Safety & Reliability	Company-Wide Gas Distribution Crossing Replacement			
				Total Inspect & Mitigate - Distribution			
		<b>Rural Extensions - Distribution</b>					
26	RE1		Safety & Reliability	Rural Extensions			
				Total Rural Extensions - Distribution			
27		Total Distribution Investment			\$22,417,301	\$5,082	\$22,422,383

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)
					2017 Actual Costs (direct dollars)	Remaining Years Actual Costs	Total Project Cost To Date
		STORAGE SYSTEM INVESTMENTS					
		Storage Projects					
28	S41		Safety & Reliability	Engineering for Capital Projects			
				Total Storage Projects			
29		Total Storage Investment			\$323,517	\$0	\$323,517
30		Cost Overruns			(\$12,734,237)	\$0	\$0
31	PYR1	Prior Year Reconciliation			(\$116,342)	\$0	(\$116,342)
32		Total Direct Capital Investment			\$91,779,835	(\$81,646)	\$104,432,426
33	OM1	Total O&M Investment	Safety & Reliability	System Integrity Data Integration	\$2,332,534	\$0	\$2,332,534



**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)	(D)
					Approved Project Cost (TDSIC8-G) (direct dollars)	Updated Project Cost (TDSIC9-G) (direct dollars)	(B-A) Variance by Project	No Of Units
		TRANSMISSION SYSTEM INVESTMENTS						
		Transmission Pipeline Replacement						
1	TP2		Safety & Reliability	22" From Aetna to US 35 - LaPorte				
2	TP7		Safety & Reliability	10"-12" Hessen Cassel to Hanna St				
3	TP8		Safety & Reliability	36/22 Highland Junction to Grant St.				
4	TP9		Safety & Reliability	16" Aetna to Tassinong				
5				Total Transmission Pipeline Replacement				
		Prepare Lines for In-Line Inspection - Transmission						
6	ILI3		Safety & Reliability	ILI Modifications - 24" Royal Center to Laketon				
7	ILI6		Safety & Reliability	ILI System Modification 30" Tassinong to LaPorte				
8	ILI8		Safety & Reliability	Engineering for ILI Modifications				
9				Total Prepare Lines for In-Line Inspection - Transmission				
		Inspect & Mitigate - Transmission						
10	IM1		Safety & Reliability	Company-Wide Gas Transmission Crossing Replacement				14
11	IM6		Safety & Reliability	GSO RTU Upgrade - Age & Condition				4
12	IM7		Safety & Reliability	GSO RTU Communications Upgrade - Age & Condition				2
13	IM27		Safety & Reliability	Engineering for Capital Projects - Inspect and Mitigate Transmission				
14				Total Inspect & Mitigate - Transmission				
		System Deliverability - Transmission						
15	SD10		Safety & Reliability	GSIT - Wheatfield Inlet System Improvement				1
16	SD12		Safety & Reliability	GSIT ANR Orland to Crooked Lake System Improvement				1
17				Total System Deliverability - Transmission				
18		Total Transmission Investment						
		DISTRIBUTION SYSTEM INVESTMENTS			\$87,176,343	\$91,955,806	\$4,779,463	
		Kokomo Low Pressure System - Distribution						
19	K1		Safety & Reliability	Kokomo Low Pressure Replacement				
20				Total Kokomo Low Pressure System - Distribution				
		Bare Steel Replacement - Distribution						
21	BSR11		Safety & Reliability	Bare Steel - Gary and Balance of System Project				49,085 ft.
22				Total Bare Steel Replacement - Distribution				
		Inspect & Mitigate - Distribution						
23	DIM2		Safety & Reliability	Engineering for Capital Projects - Inspect and Mitigate Distribution				
24	DIM31		Safety & Reliability	Company-Wide Gas Distribution Crossing Replacement				9
25				Total Inspect & Mitigate - Distribution				
		Rural Extensions - Distribution						
26	RE1		Safety & Reliability	Rural Extensions				
27				Total Rural Extensions - Distribution				
28		Total Distribution Investment			\$26,612,285	\$18,746,740	(\$7,865,545)	
		STORAGE SYSTEM INVESTMENTS						
		Storage Projects						
29				Total Storage Projects	\$0	\$0	\$0	
30		Total Storage Investment			\$0	\$0	\$0	
31	PYR1	Prior Year Reconciliation			\$0	(\$317,549)	(\$317,549)	
32		Total Direct Capital Investment			\$113,788,628	\$110,384,997	(\$3,403,631)	
33	OM1	Total O&M Investment	Safety & Reliability	System Integrity Data Integration	\$2,314,787	\$2,314,787	\$0	

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
**UPDATED GAS 2018 PROJECT DETAIL - DIRECT CAPITAL DOLLARS ONLY**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
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Line No.	Project ID	Project Title	Variance	Explanation of Variance
1	TP2	22" From Aetna to US 35 - LaPorte		6/19/2018: 9-1 Additional funds were required for several reasons. Primary among them was encountering a high number of unmarked utility crossings, 38. These crossings have driven additional material, labor, and outside service costs. Two risks were realized, first, land acquisition costs were higher than initially anticipated. Second, difficult site conditions due to above average precipitation caused an increase in the quantities of matting, dewatering, and associated labor. Additional engineering was required to meet the specifications of a required railroad permit. The estimate also takes into account the final tie-in design after engineering was finalized requiring three additional taps in order to maintain customer service without interruption.
2	TP7	10"-12" Hessen Cassel to Hanna St		2/27/2018: 9-1 Project has moved into Gas Plan 2 with primary construction starting in 2025.
8	ILI8	Engineering for ILI Modifications		5/25/2018: 9-1 Project has moved into the FMCA compliance plan.
19	K1	Kokomo Low Pressure Replacement		Removed from the plan as part of the stipulation and settlement agreement for the purpose of settling Cause Nos. 44403 TDSIC-4 through TDSIC-9.
21	BSR11	Bare Steel - Gary and Balance of System Project		Removed from the plan as part of the stipulation and settlement agreement for the purpose of settling Cause Nos. 44403 TDSIC-4 through TDSIC-9.
23	DIM2	Engineering for Capital Projects - Inspect and Mitigate Distribution		5/25/2018: 9-1 Project has been moved out of TDSIC in Gas Plan 1. No other eligible projects scheduled for 2019-2020.

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
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Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
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Line No.	Project ID	Project Category	Project Driver	Project Title	(A)	(B)	(C)	(D)
					Approved Project Cost (TDSIC8-G) (direct dollars)	Updated Project Cost (TDSIC9-G) (direct dollars)	(B-A) Variance by Project	No Of Units
		TRANSMISSION SYSTEM INVESTMENTS						
		Transmission Pipeline Replacement						
1	TP7		Safety & Reliability	10"-12" Hessen Cassel to Hanna St				
2	TP8		Safety & Reliability	36/22 Highland Junction to Grant St.				
3	TP9		Safety & Reliability	16" Aetna to Tassinong				
4				Total Transmission Pipeline Replacement				
		Prepare Lines for In-Line Inspection - Transmission						
5	ILI7		Safety & Reliability	ILI System Modification 16" to Laketon to Warsaw				1
6	ILI8		Safety & Reliability	Engineering for ILI Modifications				
7				Total Prepare Lines for In-Line Inspection - Transmission				
		Inspect & Mitigate - Transmission						
8	IM1		Safety & Reliability	Company-Wide Gas Transmission Crossing Replacement				1
9	IM6		Safety & Reliability	GSO RTU Upgrade - Age & Condition				4
10	IM7		Safety & Reliability	GSO RTU Communications Upgrade - Age & Condition				4
11	IM27		Safety & Reliability	Engineering for Capital Projects - Inspect and Mitigate Transmission				
12				Total Inspect & Mitigate - Transmission				
13		Total Transmission Investment			\$64,560,422	\$73,638,543	\$9,078,121	
		DISTRIBUTION SYSTEM INVESTMENTS						
		Kokomo Low Pressure System - Distribution						
14	K1		Safety & Reliability	Kokomo Low Pressure Replacement				
15				Total Kokomo Low Pressure System - Distribution				
		Bare Steel Replacement - Distribution						
16	BSR11		Safety & Reliability	Bare Steel - Gary and Balance of System Project				66,688 ft.
17				Total Bare Steel Replacement - Distribution				
		Inspect & Mitigate - Distribution						
18	DIM2		Safety & Reliability	Engineering for Capital Projects - Inspect and Mitigate Distribution				
19	DIM31		Safety & Reliability	Company-Wide Gas Distribution Crossing Replacement				11
20				Total Inspect & Mitigate - Distribution				
		Rural Extensions - Distribution						
21	RE1		Safety & Reliability	Rural Extensions				
22				Total Rural Extensions - Distribution				
23		Total Distribution Investment			\$29,029,806	\$18,902,806	(\$10,127,000)	
		STORAGE SYSTEM INVESTMENTS						
		Storage Projects						
24				Total Storage Projects	\$0	\$0	\$0	
25		Total Storage Investment			\$0	\$0	\$0	
26		Total Direct Capital Investment			\$93,590,228	\$92,541,349	(\$1,048,879)	
27	OM1	Total O&M Investment	Safety & Reliability	System Integrity Data Integration	\$0	\$0	\$0	

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
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Line No.	Project ID	Project Title	Variance	Explanation of Variance
2	TP8	36/22 Highland Junction to Grant St.		The updated estimate reflects an extensive review of the project through the development of Gas Plan 2 using a third party estimator. The estimate is now also based on near final engineering design and reflects recent cost experience with material and labor.

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
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					(A)	(B)	(C)	(D)
Line No.	Project ID	Project Category	Project Driver	Project Title	Approved Project Cost (TDSIC8-G) (direct dollars)	Updated Project Cost (TDSIC9-G) (direct dollars)	(B-A) Variance by Project	No Of Units
		TRANSMISSION SYSTEM INVESTMENTS						
		Transmission Pipeline Replacement						
1	TP9		Safety & Reliability	16" Aetna to Tassinong				
2				Total Transmission Pipeline Replacement				
		Prepare Lines for In-Line Inspection - Transmission						
3	ILI5		Safety & Reliability	ILI System Modification 30" Highland Junction to Inland Steel				1
4				Total Prepare Lines for In-Line Inspection - Transmission				
		Inspect & Mitigate - Transmission						
5	IM1		Safety & Reliability	Company-Wide Gas Transmission Crossing Replacement				4
6	IM6		Safety & Reliability	GSO RTU Upgrade - Age & Condition				2
7	IM7		Safety & Reliability	GSO RTU Communications Upgrade - Age & Condition				2
8				Total Inspect & Mitigate - Transmission				
9		Total Transmission Investment			\$67,101,414	\$67,101,414	\$0	
		DISTRIBUTION SYSTEM INVESTMENTS						
		Kokomo Low Pressure System - Distribution						
10	K1		Safety & Reliability	Kokomo Low Pressure Replacement				
11				Total Kokomo Low Pressure System - Distribution				
		Bare Steel Replacement - Distribution						
12	BSR11		Safety & Reliability	Bare Steel - Gary and Balance of System Project				65,213 ft.
13				Total Bare Steel Replacement - Distribution				
		Master Meter System Upgrades - Distribution						
14	MM2		Safety & Reliability	Master Meter Upgrades				2
15				Total Master Meter System Upgrades - Distribution				
		Inspect & Mitigate - Distribution						
16	DIM31		Safety & Reliability	Company-Wide Gas Distribution Crossing Replacement				11
17				Total Inspect & Mitigate - Distribution				
		Rural Extensions - Distribution						
18	RE1		Safety & Reliability	Rural Extensions				
19				Total Rural Extensions - Distribution				
20		Total Distribution Investment			\$38,769,369	\$20,762,705	(\$18,006,664)	
		STORAGE SYSTEM INVESTMENTS						
		Storage Projects						
21				Total Storage Projects	\$0	\$0	\$0	
22		Total Storage Investment			\$0	\$0	\$0	
23		Total Direct Capital Investment			\$105,870,783	\$87,864,119	(\$18,006,664)	
24	OM1	Total O&M Investment	Safety & Reliability	System Integrity Data Integration	\$0	\$0	\$0	

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Line No.	Project ID	Project Title	Variance	Explanation of Variance
10	K1	Kokomo Low Pressure Replacement		Removed from the plan as part of the stipulation and settlement agreement for the purpose of settling Cause Nos. 44403 TDSIC-4 through TDSIC-
12	BSR11	Bare Steel - Gary and Balance of System Project		Removed from the plan as part of the stipulation and settlement agreement for the purpose of settling Cause Nos. 44403 TDSIC-4 through TDSIC-

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**NORTHERN INDIANA PUBLIC SERVICE CO.**  
**Comparison of Approved vs. Updated 7-Year Gas Plan**  
**Transmission Capital Projects Summary**

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Approved		<u>TDSIC8-G Approved 7-Year Plan</u>							
<u>Line No.</u>	<u>Transmission Projects Summary</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>Total</u>
1	Transmission Pipeline Replacement								
2	Prepare Lines for In-Line Inspection - Transmission								
3	Shallow Pipe Replacement - Transmission								
4	Inspect & Mitigate - Transmission								
5	System Deliverability - Transmission								
6	<b>Total Transmission Projects</b>	<b>\$ 11,509,043</b>	<b>\$ 35,872,682</b>	<b>\$ 79,133,671</b>	<b>\$ 86,930,635</b>	<b>\$ 87,176,343</b>	<b>\$ 64,560,422</b>	<b>\$ 67,101,414</b>	<b>\$ 432,284,210</b>
(J)		(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
Proposed		<u>Updated 7-Year Plan</u>							
<u>Line No.</u>	<u>Transmission Projects Summary</u>	<u>2014 Updated</u>	<u>2015 Updated</u>	<u>2016 Updated</u>	<u>2017 Updated</u>	<u>2018 Updated</u>	<u>2019 Updated</u>	<u>2020 Updated</u>	<u>Total</u>
7	Transmission Pipeline Replacement								
8	Prepare Lines for In-Line Inspection - Transmission								
9	Shallow Pipe Replacement - Transmission								
10	Inspect & Mitigate - Transmission								
11	System Deliverability - Transmission								
12	<b>Total Transmission Projects</b>	<b>\$ 9,668,761</b>	<b>\$ 33,906,144</b>	<b>\$ 78,448,801</b>	<b>\$ 81,889,596</b>	<b>\$ 91,955,806</b>	<b>\$ 73,638,543</b>	<b>\$ 67,101,414</b>	<b>\$ 436,609,065</b>
(S)		(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)
Differences		<u>Updates</u>							
<u>Line No.</u>	<u>Transmission Projects Summary</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>Total</u>
13	Transmission Pipeline Replacement								
14	Prepare Lines for In-Line Inspection - Transmission								
15	Shallow Pipe Replacement - Transmission								
16	Inspect & Mitigate - Transmission								
17	System Deliverability - Transmission								
18	<b>Total Transmission Projects</b>	<b>\$ (1,840,282)</b>	<b>\$ (1,966,538)</b>	<b>\$ (684,870)</b>	<b>\$ (5,041,039)</b>	<b>\$ 4,779,463</b>	<b>\$ 9,078,121</b>	<b>\$ -</b>	<b>\$ 4,324,855</b>

\*This schedule does not reflect the removal of cost overruns.

**NORTHERN INDIANA PUBLIC SERVICE CO.**  
**Comparison of Approved vs. Updated 7-Year Gas Plan**  
**Transmission Capital Projects by FERC Account**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9  
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(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Approved		<u>TDSIC8-G Approved 7-Year Plan</u>							
<u>Line No.</u>	<u>Transmission Projects by FERC Account</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>Total</u>
1	365 Land & Land Rights - Transmission	\$ -	\$ 71,865	\$ 236,819	\$ 408,302	\$ -	\$ -	\$ -	\$ 716,986
2	366 Structures and Improvements - Transmission	\$ -	\$ 8,278	\$ 450,878	\$ 1,676,939	\$ -	\$ -	\$ -	\$ 2,136,095
3	367 Mains - Transmission	\$ 9,545,512	\$ 31,799,867	\$ 76,272,192	\$ 77,074,767	\$ 86,573,246	\$ 62,857,256	\$ 66,582,532	\$ 410,705,372
4	369 Meas. & Reg Station Equipment - Transmission	\$ 209,831	\$ 4,676,073	\$ 2,983,506	\$ 7,058,626	\$ 550,097	\$ 1,135,444	\$ 501,392	\$ 17,114,969
5	370 Communication Equipment - Transmission	\$ -	\$ 45,397	\$ (45,397)	\$ -	\$ 53,000	\$ 567,722	\$ 17,490	\$ 638,212
6	<b>Total Transmission Projects</b>	<b>\$ 9,755,343</b>	<b>\$ 36,601,480</b>	<b>\$ 79,897,998</b>	<b>\$ 86,218,634</b>	<b>\$ 87,176,343</b>	<b>\$ 64,560,422</b>	<b>\$ 67,101,414</b>	<b>\$ 431,311,634</b>
(J)		(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
Proposed		<u>Updated 7-Year Plan</u>							
<u>Line No.</u>	<u>Transmission Projects by FERC Account</u>	<u>2014 Updated</u>	<u>2015 Updated</u>	<u>2016 Updated</u>	<u>2017 Updated</u>	<u>2018 Updated</u>	<u>2019 Updated</u>	<u>2020 Updated</u>	<u>Total</u>
7	365 Land & Land Rights - Transmission	\$ -	\$ 71,865	\$ 236,819	\$ 408,302	\$ -	\$ -	\$ -	\$ 716,986
8	366 Structures and Improvements - Transmission	\$ -	\$ 8,278	\$ 450,878	\$ 1,474,654	\$ -	\$ -	\$ -	\$ 1,933,810
9	367 Mains - Transmission	\$ 7,975,795	\$ 29,994,142	\$ 75,566,785	\$ 75,420,688	\$ 91,320,829	\$ 71,663,034	\$ 66,582,532	\$ 418,523,805
10	369 Meas. & Reg Station Equipment - Transmission	\$ 78,153	\$ 4,473,577	\$ 2,745,353	\$ 4,395,006	\$ 581,977	\$ 1,317,006	\$ 501,392	\$ 14,092,464
11	370 Communication Equipment - Transmission	\$ -	\$ 45,397	\$ (45,397)	\$ -	\$ 53,000	\$ 658,503	\$ 17,490	\$ 728,993
12	<b>Total Transmission Projects</b>	<b>\$ 8,053,948</b>	<b>\$ 34,593,259</b>	<b>\$ 78,954,438</b>	<b>\$ 81,698,650</b>	<b>\$ 91,955,806</b>	<b>\$ 73,638,543</b>	<b>\$ 67,101,414</b>	<b>\$ 435,996,058</b>
(S)		(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)
Differences		<u>Updates</u>							
<u>Line No.</u>	<u>Transmission Projects by FERC Account</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>Total</u>
13	365 Land & Land Rights - Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	366 Structures and Improvements - Transmission	\$ -	\$ -	\$ -	\$ (202,285)	\$ -	\$ -	\$ -	\$ (202,285)
15	367 Mains - Transmission	\$ (1,569,717)	\$ (1,805,725)	\$ (705,407)	\$ (1,654,079)	\$ 4,747,583	\$ 8,805,778	\$ -	\$ 7,818,433
16	369 Meas. & Reg Station Equipment - Transmission	\$ (131,678)	\$ (202,496)	\$ (238,153)	\$ (2,663,620)	\$ 31,880	\$ 181,562	\$ -	\$ (3,022,505)
17	370 Communication Equipment - Transmission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,781	\$ -	\$ 90,781
18	<b>Total Transmission Projects</b>	<b>\$ (1,701,395)</b>	<b>\$ (2,008,221)</b>	<b>\$ (943,560)</b>	<b>\$ (4,519,984)</b>	<b>\$ 4,779,463</b>	<b>\$ 9,078,121</b>	<b>\$ -</b>	<b>\$ 4,684,424</b>

\*This schedule does not reflect the removal of cost overruns.



Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9  
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**NORTHERN INDIANA PUBLIC SERVICE CO.**  
**Comparison of Approved vs. Updated 7-Year Gas Plan**  
**Distribution Capital Projects Summary**

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Approved		TDSIC8-G Approved 7-Year Plan							
Line No.	Distribution Projects Summary	2014	2015	2016	2017	2018	2019	2020	Total
1	Kokomo Low Pressure System - Distribution								
2	Bare Steel Replacement - Distribution								
3	System Deliverability - Distribution								
4	Master Meter System Upgrades - Distribution								
5	Inspect & Mitigate - Distribution								
6	Rural Extensions - Distribution								
7	Total Distribution Projects	\$ 22,999,993	\$ 52,499,982	\$ 29,478,892	\$ 32,246,627	\$ 26,612,285	\$ 29,029,806	\$ 38,769,369	\$ 231,636,954
(J)		(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
Proposed		Updated 7-Year Plan							
Line No.	Distribution Projects Summary	2014 Updated	2015 Updated	2016 Updated	2017 Updated	2018 Updated	2019 Updated	2020 Updated	Total
8	Kokomo Low Pressure System - Distribution								
9	Bare Steel Replacement - Distribution								
10	System Deliverability - Distribution								
11	Master Meter System Upgrades - Distribution								
12	Inspect & Mitigate - Distribution								
13	Rural Extensions - Distribution								
14	Total Distribution Projects	\$ 21,381,695	\$ 48,660,008	\$ 21,891,535	\$ 22,417,301	\$ 18,746,740	\$ 18,902,806	\$ 20,762,705	\$ 172,762,790
(S)		(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)
Differences		Updates							
Line No.	Distribution Projects Summary	2014	2015	2016	2017	2018	2019	2020	Total
15	Kokomo Low Pressure System - Distribution								
16	Bare Steel Replacement - Distribution								
17	System Deliverability - Distribution								
18	Master Meter System Upgrades - Distribution								
19	Inspect & Mitigate - Distribution								
20	Rural Extensions - Distribution								
21	Total Distribution Projects	\$ (1,618,298)	\$ (3,839,974)	\$ (7,587,357)	\$ (9,829,326)	\$ (7,865,545)	\$ (10,127,000)	\$ (18,006,664)	\$ (58,874,164)

\*This schedule does not reflect the removal of cost overruns.

**NORTHERN INDIANA PUBLIC SERVICE CO.**  
**Comparison of Approved vs. Updated 7-Year Gas Plan**  
**Distribution Capital Projects by FERC Account**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9  
Page 24 of 29

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Approved		TDSIC8-G Approved 7-Year Plan							
Line No.	Distribution Projects by FERC Account	2014	2015	2016	2017	2018	2019	2020	Total
1	374 Land & Land Rights - Distribution	\$ -	\$ -	\$ 154,459	\$ 1,211	\$ -	\$ -	\$ -	\$ 155,670
2	375 Structures and Improvements - Distribution	\$ -	\$ 152,519	\$ 734	\$ 1	\$ -	\$ -	\$ -	\$ 153,254
3	376 Mains - Distribution	\$ 13,493,091	\$ 33,773,260	\$ 14,054,097	\$ 20,632,791	\$ 16,895,170	\$ 18,076,582	\$ 24,142,176	\$ 141,067,167
4	378 Meas. & Reg Station Equipment - Distribution	\$ 4,904,670	\$ 4,076,222	\$ 871,793	\$ 200,021	\$ -	\$ -	\$ -	\$ 10,052,706
5	380 Services - Distribution	\$ 5,816,793	\$ 9,608,646	\$ 12,711,332	\$ 11,147,610	\$ 7,287,836	\$ 8,214,918	\$ 10,970,395	\$ 65,757,530
6	382 Meter Installations - Distribution	\$ 35,230	\$ 1,406,007	\$ 481,165	\$ 346,989	\$ -	\$ -	\$ -	\$ 2,269,391
7	383 House Regulators - Distribution	\$ 150,218	\$ 1,477,814	\$ 471,949	\$ 280,877	\$ 2,429,279	\$ 2,738,306	\$ 3,656,798	\$ 11,205,241
8	384 House Regulator Installations - Distribution	\$ -	\$ 1,230	\$ 5	\$ 4	\$ -	\$ -	\$ -	\$ 1,239
9	385 Industrial Measuring and Regulating Station Equip - D	\$ 222,058	\$ 503,867	\$ 244,850	\$ 220,929	\$ -	\$ -	\$ -	\$ 1,191,704
10	397 Communication Equipment - Distribution	\$ 131,633	\$ (478)	\$ 3,683	\$ (3,598)	\$ -	\$ -	\$ -	\$ 131,240
11	<b>Total Distribution Projects</b>	<b>\$ 24,753,693</b>	<b>\$ 50,999,087</b>	<b>\$ 28,994,067</b>	<b>\$ 32,826,835</b>	<b>\$ 26,612,285</b>	<b>\$ 29,029,806</b>	<b>\$ 38,769,369</b>	<b>\$ 231,985,142</b>
	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
Proposed		Updated 7-Year Plan							
Line No.	Distribution Projects by FERC Account	2014 Updated	2015 Updated	2016 Updated	2017 Updated	2018 Updated	2019 Updated	2020 Updated	Total
12	374 Land & Land Rights - Distribution	\$ -	\$ -	\$ 7,875	\$ 1,217	\$ -	\$ -	\$ -	\$ 9,092
13	375 Structures and Improvements - Distribution	\$ -	\$ 152,519	\$ 734	\$ (33)	\$ -	\$ -	\$ -	\$ 153,220
14	376 Mains - Distribution	\$ 12,476,639	\$ 31,339,826	\$ 11,352,400	\$ 11,733,500	\$ 12,088,425	\$ 12,000,382	\$ 13,338,177	\$ 104,329,349
15	378 Meas. & Reg Station Equipment - Distribution	\$ 4,745,883	\$ 4,052,648	\$ 635,254	\$ 201,437	\$ -	\$ -	\$ -	\$ 9,635,222
16	380 Services - Distribution	\$ 5,421,848	\$ 8,655,045	\$ 8,650,334	\$ 9,842,067	\$ 4,993,736	\$ 5,176,818	\$ 5,568,396	\$ 48,308,244
17	382 Meter Installations - Distribution	\$ 34,447	\$ 1,375,837	\$ 355,525	\$ 259,135	\$ -	\$ -	\$ -	\$ 2,024,944
18	383 House Regulators - Distribution	\$ 1,600	\$ 1,184,833	\$ 411,631	\$ 238,544	\$ 1,664,579	\$ 1,725,606	\$ 1,856,132	\$ 7,082,925
19	384 House Regulator Installations - Distribution	\$ -	\$ 1,230	\$ 5	\$ 4	\$ -	\$ -	\$ -	\$ 1,239
20	385 Industrial Measuring and Regulating Station Equip - D	\$ 171,995	\$ 503,867	\$ 244,850	\$ 220,929	\$ -	\$ -	\$ -	\$ 1,141,641
21	397 Communication Equipment - Distribution	\$ 131,633	\$ (478)	\$ 3,683	\$ (3,598)	\$ -	\$ -	\$ -	\$ 131,240
22	<b>Total Distribution Projects</b>	<b>\$ 22,984,045</b>	<b>\$ 47,265,327</b>	<b>\$ 21,662,291</b>	<b>\$ 22,493,202</b>	<b>\$ 18,746,740</b>	<b>\$ 18,902,806</b>	<b>\$ 20,762,705</b>	<b>\$ 172,817,116</b>
	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)
Differences		Updates							
Line No.	Distribution Projects by FERC Account	2014	2015	2016	2017	2018	2019	2020	Total
23	374 Land & Land Rights - Distribution	\$ -	\$ -	\$ (146,584)	\$ 6	\$ -	\$ -	\$ -	\$ (146,578)
24	375 Structures and Improvements - Distribution	\$ -	\$ -	\$ -	\$ (34)	\$ -	\$ -	\$ -	\$ (34)
25	376 Mains - Distribution	\$ (1,016,452)	\$ (2,433,434)	\$ (2,701,697)	\$ (8,899,291)	\$ (4,806,745)	\$ (6,076,200)	\$ (10,803,999)	\$ (36,737,818)
26	378 Meas. & Reg Station Equipment - Distribution	\$ (158,787)	\$ (23,574)	\$ (236,539)	\$ 1,416	\$ -	\$ -	\$ -	\$ (417,484)
27	380 Services - Distribution	\$ (394,945)	\$ (953,601)	\$ (4,060,998)	\$ (1,305,543)	\$ (2,294,100)	\$ (3,038,100)	\$ (5,401,999)	\$ (17,449,286)
28	382 Meter Installations - Distribution	\$ (783)	\$ (30,170)	\$ (125,640)	\$ (87,854)	\$ -	\$ -	\$ -	\$ (244,447)
29	383 House Regulators - Distribution	\$ (148,618)	\$ (292,981)	\$ (60,318)	\$ (42,333)	\$ (764,700)	\$ (1,012,700)	\$ (1,800,666)	\$ (4,122,316)
30	384 House Regulator Installations - Distribution	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31	385 Industrial Measuring and Regulating Station Equip - D	\$ (50,063)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (50,063)
32	397 Communication Equipment - Distribution	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33	<b>Total Distribution Projects</b>	<b>\$ (1,769,648)</b>	<b>\$ (3,733,760)</b>	<b>\$ (7,331,776)</b>	<b>\$ (10,333,633)</b>	<b>\$ (7,865,545)</b>	<b>\$ (10,127,000)</b>	<b>\$ (18,006,664)</b>	<b>\$ (59,168,026)</b>

\*This schedule does not reflect the removal of cost overruns.

Excluded from public access per A.R. 9(G)

**NORTHERN INDIANA PUBLIC SERVICE CO.**  
**Comparison of Approved vs. Updated 7-Year Gas Plan**  
**Storage Capital Projects Summary**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9  
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(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Approved		<u>TDSIC8-G Approved 7-Year Plan</u>							
<u>Line No.</u>	<u>Storage Projects Summary</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>Total</u>
1	Storage Projects	\$ 570,890	\$ 2,916,024	\$ 1,307,443	\$ 1,659,139	\$ -	\$ -	\$ -	\$ 6,453,496
2	Total Storage Projects	<u>\$ 570,890</u>	<u>\$ 2,916,024</u>	<u>\$ 1,307,443</u>	<u>\$ 1,659,139</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 6,453,496</u>
(J)		(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
Proposed		<u>Updated 7-Year Plan</u>							
<u>Line No.</u>	<u>Storage Projects Summary</u>	<u>2014 Updated</u>	<u>2015 Updated</u>	<u>2016 Updated</u>	<u>2017 Updated</u>	<u>2018 Updated</u>	<u>2019 Updated</u>	<u>2020 Updated</u>	<u>Total</u>
3	Storage Projects	\$ 564,822	\$ 2,838,792	\$ 1,307,443	\$ 323,517	\$ -	\$ -	\$ -	\$ 5,034,574
4	Total Storage Projects	<u>\$ 564,822</u>	<u>\$ 2,838,792</u>	<u>\$ 1,307,443</u>	<u>\$ 323,517</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 5,034,574</u>
(S)		(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)
Differences		<u>Updates</u>							
<u>Line No.</u>	<u>Storage Projects Summary</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>Total</u>
5	Storage Projects	\$ (6,068)	\$ (77,232)	\$ -	\$ (1,335,622)	\$ -	\$ -	\$ -	\$ (1,418,922)
6	Total Storage Projects	<u>\$ (6,068)</u>	<u>\$ (77,232)</u>	<u>\$ -</u>	<u>\$ (1,335,622)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (1,418,922)</u>

\*This schedule does not reflect the removal of cost overruns.

**NORTHERN INDIANA PUBLIC SERVICE CO.**  
**Comparison of Approved vs. Updated 7-Year Gas Plan**  
**Storage Capital Projects by FERC Account**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9  
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(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Approved		<u>TDSIC8-G Approved 7-Year Plan</u>							
<u>Line No.</u>	<u>Storage Projects by FERC Account</u>	2014	2015	2016	2017	2018	2019	2020	Total
1	351 Structures and Improvements	\$ -	\$ -	\$ -	\$ 395,299	\$ -	\$ -	\$ -	\$ 395,299
2	353 Lines - Storage	\$ 257,372	\$ 1,401,494	\$ 212,021	\$ 420,638	\$ -	\$ -	\$ -	\$ 2,291,525
3	354 Compressor Station Equipment - Storage	\$ -	\$ 60,206	\$ 62,797	\$ 163,160	\$ -	\$ -	\$ -	\$ 286,163
4	355 Meas. & Reg Station Equipment - Storage	\$ -	\$ -	\$ -	\$ 113	\$ -	\$ -	\$ -	\$ 113
5	356 Purification Equipment - Storage	\$ 39,391	\$ 116,060	\$ 341,695	\$ 134,611	\$ -	\$ -	\$ -	\$ 631,757
6	357 Other Equipment - Storage	\$ 52,653	\$ (19,164)	\$ 136	\$ 535	\$ -	\$ -	\$ -	\$ 34,160
7	361 Structures and Improvement - Storage	\$ 21,556	\$ 609,040	\$ 476,350	\$ 122,871	\$ -	\$ -	\$ -	\$ 1,229,817
8	362 Gas Holders - Storage	\$ -	\$ 144,259	\$ 46,439	\$ (1)	\$ -	\$ -	\$ -	\$ 190,697
9	363 Equipment - Storage	\$ 199,918	\$ 1,188,465	\$ 161,639	\$ 420,615	\$ -	\$ -	\$ -	\$ 1,970,637
10	<b>Total Storage Projects</b>	<b>\$ 570,890</b>	<b>\$ 3,500,360</b>	<b>\$ 1,301,077</b>	<b>\$ 1,657,841</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,030,168</b>

(J)		(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
Proposed		<u>Updated 7-Year Plan</u>							
<u>Line No.</u>	<u>Storage Projects by FERC Account</u>	2014 Updated	2015 Updated	2016 Updated	2017 Updated	2018 Updated	2019 Updated	2020 Updated	Total
11	351 Structures and Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	353 Lines - Storage	\$ 219,486	\$ 1,324,262	\$ 212,021	\$ (9,970)	\$ -	\$ -	\$ -	\$ 1,745,799
13	354 Compressor Station Equipment - Storage	\$ -	\$ 60,206	\$ 62,797	\$ 27,945	\$ -	\$ -	\$ -	\$ 150,948
14	355 Meas. & Reg Station Equipment - Storage	\$ -	\$ -	\$ -	\$ 113	\$ -	\$ -	\$ -	\$ 113
15	356 Purification Equipment - Storage	\$ 39,391	\$ 116,060	\$ 341,695	\$ 37,002	\$ -	\$ -	\$ -	\$ 534,148
16	357 Other Equipment - Storage	\$ 52,653	\$ (19,164)	\$ 136	\$ 535	\$ -	\$ -	\$ -	\$ 34,160
17	361 Structures and Improvement - Storage	\$ 21,556	\$ 609,040	\$ 476,350	\$ 28,133	\$ -	\$ -	\$ -	\$ 1,135,079
18	362 Gas Holders - Storage	\$ -	\$ 144,259	\$ 1,521	\$ (1)	\$ -	\$ -	\$ -	\$ 145,779
19	363 Equipment - Storage	\$ 183,307	\$ 1,184,826	\$ 209,666	\$ 238,463	\$ -	\$ -	\$ -	\$ 1,816,262
20	<b>Total Storage Projects</b>	<b>\$ 516,393</b>	<b>\$ 3,419,489</b>	<b>\$ 1,304,186</b>	<b>\$ 322,220</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,562,288</b>

(S)		(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)
Differences		<u>Updates</u>							
<u>Line No.</u>	<u>Storage Projects by FERC Account</u>	2014	2015	2016	2017	2018	2019	2020	Total
21	351 Structures and Improvements	\$ -	\$ -	\$ -	\$ (395,299)	\$ -	\$ -	\$ -	\$ (395,299)
22	353 Lines - Storage	\$ (37,886)	\$ (77,232)	\$ -	\$ (430,608)	\$ -	\$ -	\$ -	\$ (545,726)
23	354 Compressor Station Equipment - Storage	\$ -	\$ -	\$ -	\$ (135,215)	\$ -	\$ -	\$ -	\$ (135,215)
24	355 Meas. & Reg Station Equipment - Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	356 Purification Equipment - Storage	\$ -	\$ -	\$ -	\$ (97,609)	\$ -	\$ -	\$ -	\$ (97,609)
26	357 Other Equipment - Storage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27	361 Structures and Improvement - Storage	\$ -	\$ -	\$ -	\$ (94,738)	\$ -	\$ -	\$ -	\$ (94,738)
28	362 Gas Holders - Storage	\$ -	\$ -	\$ (44,918)	\$ -	\$ -	\$ -	\$ -	\$ (44,918)
29	363 Equipment - Storage	\$ (16,611)	\$ (3,639)	\$ 48,027	\$ (182,152)	\$ -	\$ -	\$ -	\$ (154,375)
30	<b>Total Storage Projects</b>	<b>\$ (54,497)</b>	<b>\$ (80,871)</b>	<b>\$ 3,109</b>	<b>\$ (1,335,621)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (1,467,880)</b>

\*This schedule does not reflect the removal of cost overruns.

Excluded from public access per A.R. 9(G)

**NORTHERN INDIANA PUBLIC SERVICE COMPANY**  
**Gas Filing Projects Yearly Plan and Spends**

Revised Confidential Exhibit Gas Plan Update-9 (REDACTED)  
Consolidated Cause Nos. 44403-TDSIC-4 and 44403-TDSIC-9  
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Line No.	Project ID	Project Category	Project Title	2014	2015	2016	2017	2018	2019	2020	Total	Total Base Line	Total Variance
1	TP1	Transmission Pipeline Replacement	State Line to Highland Transmission Project										
2	TP2	Transmission Pipeline Replacement	22" From Aetna to US 35 - LaPorte										
3	TP3	Transmission Pipeline Replacement	Engineering for Transmission Pipeline Replacements										
4	TP7	Transmission Pipeline Replacement	10"-12" Hessen Cassel to Hanna St										
5	TP8	Transmission Pipeline Replacement	36/22 Highland Junction to Grant St.										
6	TP9	Transmission Pipeline Replacement	16" Aetna to Tassinong										
7	IL11	Prepare Lines for In-Line Inspection - Transmission	In-Line Inspection System Modifications										
8	IL12	Prepare Lines for In-Line Inspection - Transmission	Engineering for 2015 In Line Inspections										
9	IL13	Prepare Lines for In-Line Inspection - Transmission	ILI Modifications - 24" Royal Center to Laketon										
10	IL14	Prepare Lines for In-Line Inspection - Transmission	TIMP ILI System Modifications 30" North Hayden to Tassinong										
11	IL15	Prepare Lines for In-Line Inspection - Transmission	ILI System Modification 30" Highland Junction to Inland Steel										
12	IL16	Prepare Lines for In-Line Inspection - Transmission	ILI System Modification 80" Tassinong to LaPorte										
13	IL17	Prepare Lines for In-Line Inspection - Transmission	ILI System Modification 15" to Laketon to Warsaw										
14	IL18	Prepare Lines for In-Line Inspection - Transmission	Engineering for ILI Modifications										
15	SP2	Shallow Pipe Replacement - Transmission	Shallow Pipe - LS 22-113										
16	SP5	Shallow Pipe Replacement - Transmission	Shallow Pipe Replacement										
17	IM1	Inspect & Mitigate - Transmission	Company-Wide Gas Transmission Crossing Replacement										
18	IM2	Inspect & Mitigate - Transmission	Burns Ditch Bore										
19	IM3	Inspect & Mitigate - Transmission	Saint Mary's River Bore										
20	IM4	Inspect & Mitigate - Transmission	Crossing US Ship Canal 20 inch Bore - Engineering										
21	IM5	Inspect & Mitigate - Transmission	Pressure Monitoring										
22	IM6	Inspect & Mitigate - Transmission	GSO RTU Upgrade - Age & Condition										
23	IM7	Inspect & Mitigate - Transmission	GSO RTU Communications Upgrade - Age & Condition										
24	IM8	Inspect & Mitigate - Transmission	Mitigation Required from Field Inspections Transmission										
25	IM9	Inspect & Mitigate - Transmission	Tipton Regulator Station Upgrade and Enclosure										
26	IM10	Inspect & Mitigate - Transmission	FW ANR Supply Station Rebuild										
27	IM11	Inspect & Mitigate - Transmission	Mayflower Road Regulator Station Enclosure										
28	IM12	Inspect & Mitigate - Transmission	LaGrange SR9 Station - Replace Bypass Odorant System										
29	IM13	Inspect & Mitigate - Transmission	Panhandle Williams Supply Station Rebuild										
30	IM14	Inspect & Mitigate - Transmission	ANR Orland Odorant Tank Upgrade										
31	IM15	Inspect & Mitigate - Transmission	Fremont Odorant Tank Upgrade										
32	IM17	Inspect & Mitigate - Transmission	State Road 1 Regulator Station Rebuild										
33	IM18	Inspect & Mitigate - Transmission	ANR Mongo Station Enclosure										
34	IM19	Inspect & Mitigate - Transmission	ANR Monroe Station Enclosure										
35	IM21	Inspect & Mitigate - Transmission	Regulator Station Enclosure										
36	IM23-DIM34	Inspect & Mitigate - Transmission	Corrosion AC Mitigation										
37	IM24-DIM3	Inspect & Mitigate - Transmission	Corrosion Rectifiers Install/Replace										
38	IM25-DIM35	Inspect & Mitigate - Transmission	Corrosion Moisture Monitoring										
39	IM27	Inspect & Mitigate - Transmission	Engineering for Capital Projects - Inspect and Mitigate Transmission										
40	IM28-DIM38	Inspect & Mitigate - Transmission	North Hayden Odorant System Replacement										
41	IM29-DIM5	Inspect & Mitigate - Transmission	Denham Station 7179-1 Odorant System Rebuild										
42	IM31-TP5	Inspect & Mitigate - Transmission	North Saint Mary's River Bore										
43	IM32-TP6	Inspect & Mitigate - Transmission	South Saint Mary's River Bore										
44	IM33-DIM14	Inspect & Mitigate - Transmission	Station Equipment Upgrades										
45	IM34-DIM40	Inspect & Mitigate - Transmission	RMSGS Regulator Station Upgrade and Enclosure										
46	SD1	System Deliverability - Transmission	112th Street HP Connection with regulation										
47	SD2	System Deliverability - Transmission	LNG - Expand LNG Liquefaction Capacity										
48	SD3	System Deliverability - Transmission	Arcelor Mittal Run Changer										
49	SD4	System Deliverability - Transmission	Summit and Main 12" Regulator Improvements										
50	SD5	System Deliverability - Transmission	Goodland Trunkline Regulator Station #7176 Upgrade										
51	SD6	System Deliverability - Transmission	Shipchewana Main Extension and Regulator Station										
52	SD8	System Deliverability - Transmission	GSIT Crown Point 165psig System Improvement										
53	SD9	System Deliverability - Transmission	GSIT - Fort Wayne ISC R/W 140psig System Improvement										
54	SD10	System Deliverability - Transmission	GSIT - Wheatfield Inlet System Improvement										
55	SD11	System Deliverability - Transmission	GSIT - LaPorte - Fish Lake System Improvement										
56	SD12	System Deliverability - Transmission	GSIT ANR Orland to Crooked Lake System Improvement										
57	SD14	System Deliverability - Transmission	Engineering for Capital Projects - System Deliverability Transmission										
58	K1	Kokomo Low Pressure System - Distribution	Kokomo Low Pressure Replacement										
59	BSR1	Bare Steel Replacement - Distribution	Replace South Bend 6 inch Op HQ to 31(Michigan) and Chippewa										
60	BSR3	Bare Steel Replacement - Distribution	Mishawaka Laterals Replacement										
61	BSR4	Bare Steel Replacement - Distribution	SB 10" Elkhart Line - Calvert St										
62	BSR6	Bare Steel Replacement - Distribution	Byrkit Ave. 5th Ave.										
63	BSR8	Bare Steel Replacement - Distribution	Bare Steel along US12/20 in Gary - 28,000 ft @ 8"										
64	BSR9	Bare Steel Replacement - Distribution	Engineering for 2016 and 2017 Bare Steel Projects										
65	BSR10	Bare Steel Replacement - Distribution	Bare Steel Replacement										
66	BSR11	Bare Steel Replacement - Distribution	Bare Steel - Gary and Balance of System Project										
67	DSD5-BSR	Bare Steel Replacement - Distribution	South Bend 6 inch Michigan St. (Century Center)										
68	DSD2	System Deliverability - Distribution	Moeller Road 1" Regulator Station										
69	DSD3	System Deliverability - Distribution	Therma Tru Butler, IN										
70	DSD4	System Deliverability - Distribution	Main & Summit Regulator Station Upgrade										

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71	DSD5	System Deliverability - Distribution	South Bend 6 inch Michigan St (Century Center)										
72	DSD7	System Deliverability - Distribution	GSID - Kouts - Merit Steel System Improvement										
73	DSD8	System Deliverability - Distribution	GSID Lake of the Four Seasons Inlet System Improvement										
74	DSD9	System Deliverability - Distribution	GSID Masons Village, Auburn System Improvement										
75	DSD11	System Deliverability - Distribution	Engineering for Capital Projects - System Deliverability Distribution										
76	MM1	Master Meter System Upgrades - Distribution	Master Meter System Upgrades										
77	MM2	Master Meter System Upgrades - Distribution	Master Meter Upgrades										
78	DIM1	Inspect & Mitigate - Distribution	Corrosion - Company Wide Gas Isolated Service Replacement										
79	DIM2	Inspect & Mitigate - Distribution	Engineering for Capital Projects - Inspect and Mitigate Distribution										
80	DIM3	Inspect & Mitigate - Distribution	Corrosion Rectifiers Install/Replace										
81	DIM4	Inspect & Mitigate - Distribution	DIMP Install Emergency Valves - Company-Wide										
82	DIM5	Inspect & Mitigate - Distribution	Denham Station 7179-1 Odorant System Rebuild										
83	DIM6	Inspect & Mitigate - Distribution	Inside Metering/Reg in High Occupancy Bldgs										
84	DIM7	Inspect & Mitigate - Distribution	Corr Rectifier Remote Monitoring 2011										
85	DIM11	Inspect & Mitigate - Distribution	By-Pass Odorizer Replacement										
86	DIM13	Inspect & Mitigate - Distribution	Angola Multiple Customer Regulator Replacements										
87	DIM14	Inspect & Mitigate - Distribution	Station Equipment Upgrades										
88	DIM15	Inspect & Mitigate - Distribution	Buried Regulator Station or Single Regulator Multi-customer										
89	DIM16	Inspect & Mitigate - Distribution	Replace Regulator 8856-6 Cleveland & Timberline Station										
90	DIM17	Inspect & Mitigate - Distribution	Bendix & Lathrop Station 7706-6										
91	DIM18	Inspect & Mitigate - Distribution	NW Hobart Reg Station										
92	DIM19	Inspect & Mitigate - Distribution	Rebuild 9613-6 Bittersweet & Larry's Lane										
93	DIM20	Inspect & Mitigate - Distribution	South Bend Regulator Pit Lid Replacement										
94	DIM21	Inspect & Mitigate - Distribution	Rebuild 8269-6 Marycrest & New Carlisle										
95	DIM22	Inspect & Mitigate - Distribution	Rebuild Ironwood & Roosevelt Reg Sta #8654-6										
96	DIM23	Inspect & Mitigate - Distribution	Rebuild 53305-6 Franklin & Western										
97	DIM25	Inspect & Mitigate - Distribution	Rebuild 7715-6 13th & Dodge StaRebuild 7716-6 16th & Union										
98	DIM26	Inspect & Mitigate - Distribution	Rebuild 7784-6 Bittersweet & Douglas Sta										
99	DIM27	Inspect & Mitigate - Distribution	Vistula Station Regulator Building										
100	DIM31	Inspect & Mitigate - Distribution	Company-Wide Gas Distribution Crossing Replacement										
101	DIM36	Inspect & Mitigate - Distribution	Integrity Management - Corrosion Casing Replacement/Removal										
102	DIM37	Inspect & Mitigate - Distribution	Mitigation Required from Field Inspections Distribution										
103	DIM39	Inspect & Mitigate - Distribution	Replace Regulator 49937 - Flora										
104	DIM41	Inspect & Mitigate - Distribution	Replace/Relocate Aylesworth Regulator Station										
105	DIM42	Inspect & Mitigate - Distribution	Replace Regulator Station-Pulaski Co. 31460										
106	DIM43	Inspect & Mitigate - Distribution	Relocate Meter Station-St. Catherine Hospital										
107	DIM46	Inspect & Mitigate - Distribution	Distribution Regulator Station Upgrades/Replacement										
108	RE1	Rural Extensions - Distribution	Rural Extensions										
109	51	Storage Projects	RCUGS- Replace Dehydration Unit Controls										
110	52	Storage Projects	RCUGS-Replace South Trenton Drip #6 & #8										
111	53	Storage Projects	RCUGS-Replace North Trenton Drip 6" Piping										
112	54	Storage Projects	RCUGS-Replace Isolation Block Valves										
113	55	Storage Projects	RCUGS-Install Liner in Gathering Line Pipe Section ST-10-101										
114	56	Storage Projects	RCUGS - Replace Portable 100 Barrel Water Tanks										
115	57	Storage Projects	RCUGS - Replace Plant SCADA Network Wiring										
116	57.1	Storage Projects	RCUGS - Burner Control										
117	58	Storage Projects	Replace LNG UPS Unit										
118	59	Storage Projects	LNG- Replace Feed Gas Analyzer										
119	510	Storage Projects	LNG- Replace Station Air Compressors										
120	511	Storage Projects	LNG - Install Power Generator										
121	512	Storage Projects	LNG - Replace Compressor Building Lighting										
122	513	Storage Projects	LNG - Replace U-1 Fire Water Pump Controls										
123	514	Storage Projects	RCUGS - Replace #2 Desulfurizer Flare Stack and Flame Control										
124	515	Storage Projects	RCUGS - Trenton Field Isolation Valves										
125	516	Storage Projects	RCUGS - Purchase Methanol Pump										
126	517	Storage Projects	RCUGS - Replace Drip #47 and #77										
127	518	Storage Projects	RCUGS - Replace Piping at County Line Road Station										
128	519	Storage Projects	RCUGS - Replace TLS 4 Ignition										
129	521	Storage Projects	LNG - Install Feed Gas Piping										
130	522	Storage Projects	LNG - Install Insulation Unit 1 LNG Storage Tank										
131	523	Storage Projects	LNG - Replace C-102 A and B Control Systems										
132	524	Storage Projects	LNG - Replace C-411 Controls										
133	525	Storage Projects	LNG - Compressor Discharge Piping										
134	526	Storage Projects	LNG - Replace Unit 1 Control Valve Operators										
135	527	Storage Projects	LNG - Replace Vaporizer Flame Safeguard System										
136	528	Storage Projects	LNG - Replace Perimeter Fence Security System										
137	529	Storage Projects	LNG - Replace Unit 1 480 Volt Switchgear										
138	530	Storage Projects	LNG - Replace Unit 1 Compressor Building Space Heaters										
139	531	Storage Projects	RCUGS - Replace Desulf Inlet Separator										
140	532	Storage Projects	RCUGS - Replace Water Treatment Filter Feed Pumps										

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141	S34	Storage Projects	RCUGS - Replace TLA #4 Ignition										
142	S35	Storage Projects	LNG - Mechanical / Electrical System Upgrade										
143	S37	Storage Projects	RCUGS - Mechanical / Electrical System Upgrade										
144	S38	Storage Projects	RCUGS - Replace Drips / Gathering System Piping										
145	S41	Storage Projects	Engineering for Capital Projects - Storage										
146		Cost Overruns											
147		Prior Year Reconciliation											
148		Total Direct Capital		\$ 31,615,278	\$ 77,947,035	\$ 94,792,858	\$ 91,779,835	\$ 110,384,997	\$ 92,541,349	\$ 87,864,119	\$ 586,925,471	\$ 670,326,944	\$ (83,401,473)

**Summary by Project Category**

Line No.	Project ID	Project Category	Project Title	2014	2015	2016	2017	2018	2019	2020	Total	Total Base Line	Total Variance
149		Inspect & Mitigate - Transmission											
150		Prepare Lines for In-Line Inspection - Transmission											
151		Shallow Pipe Replacement - Transmission											
152		System Deliverability - Transmission											
153		Transmission Pipeline Replacement											
154		Bare Steel Replacement - Distribution											
155		Inspect & Mitigate - Distribution											
156		Kokomo Low Pressure System - Distribution											
157		Master Meter System Upgrades - Distribution											
158		Rural Extensions - Distribution											
159		System Deliverability - Distribution											
160		Storage Projects											
161		Cost Overruns											
162		Prior Year Reconciliation											
163		Total Direct Capital		\$ 31,615,278	\$ 77,947,035	\$ 94,792,858	\$ 91,779,835	\$ 110,384,997	\$ 92,541,349	\$ 87,864,119	\$ 586,925,471	\$ 670,326,944	\$ (83,401,473)
164		Transmission Total		\$ 9,668,761	\$ 33,818,066	\$ 78,703,336	\$ 81,886,803	\$ 91,955,806	\$ 73,638,543	\$ 67,101,414	\$ 436,772,729	\$ 432,447,875	\$ 4,324,854
165		Distribution Total		\$ 21,381,695	\$ 48,588,660	\$ 21,921,686	\$ 22,305,570	\$ 18,746,740	\$ 18,902,806	\$ 20,762,705	\$ 172,609,868	\$ 231,467,282	\$ (58,857,414)
166		Storage Total		\$ 564,822	\$ 2,810,457	\$ 1,295,893	\$ 321,693	\$ -	\$ -	\$ -	\$ 4,992,865	\$ 6,411,787	\$ (1,418,922)
167		Cost Overruns		\$ -	\$ (7,270,148)	\$ (7,128,057)	\$ (12,734,237)	\$ -	\$ -	\$ -	\$ (27,132,442)	\$ -	\$ (27,132,442)
168		Prior Year Reconciliation Total		\$ -	\$ -	\$ -	\$ -	\$ (317,549)	\$ -	\$ -	\$ (317,549)	\$ -	\$ (317,549)
169		Total Direct Capital		\$ 31,615,278	\$ 77,947,035	\$ 94,792,858	\$ 91,779,835	\$ 110,384,997	\$ 92,541,349	\$ 87,864,119	\$ 586,925,471	\$ 670,326,944	\$ (83,401,473)