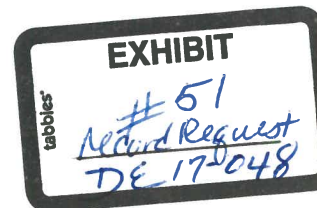


Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities

DG 17-048
Distribution Service Rate Case



Record Request - Set 1

Record Request Received: 3/15/18
Request No. RR 1-1

Date of Response: March 21, 2018
Respondent: William Clark
Stephen Hall

REQUEST:

What would the amount of AFUDC have been if the cost of the iNATGAS project had been the originally forecasted amount in Docket No. DG 14-091, and if the project was placed in service on the originally assumed date in DG 14-091?

RESPONSE:

Please see Attachment RR 1-1 for an AFUDC analysis had the cost of the iNATGAS project been completed at the original direct cost estimate and been placed in service on the originally assumed date. Assumptions include:

- Compressors were purchased and canopy deposits paid on 7/15/2014 (Order No. 25,694);
- \$500,000 payment for construction made on 8/15/2014;
- Final payment of \$345,000 made on 12/1/2014;
- Facility placed in service on 12/15/2014 which designates the end of the period of inclusion for AFUDC; and
- Land cost of \$200,000 not included in AFUDC calculations.

iNat AFUDC Calculation

Date	Transaction	Actual Cost	Month-End Bal	Average Cost
7/15/2014	Compressors & Canopies	1,200,000.00	1,200,000.00	-
8/15/2014	Expense	500,000.00	1,700,000.00	1,450,000.00
9/15/2014			1,700,000.00	1,700,000.00
10/15/2014			1,700,000.00	1,700,000.00
11/15/2014			1,700,000.00	1,700,000.00
12/1/2014	final payment	345,000.00	2,045,000.00	1,872,500.00
		2,045,000.00		

Debt WACC	Equity WACC	Total AFUDC Allocation
GL 4320	GL 4191	
1.99%	5.32%	7.31%
0.1658%	0.4433%	0.6092%
-	-	-
2,404.58	6,428.33	8,832.91
2,819.17	7,536.67	10,355.84
2,819.17	7,536.67	10,355.84
2,819.17	7,536.67	10,355.84
3,105.23	8,301.42	11,406.65
13,967.32	37,339.76	51,307.08