Order of Magnitude Estimate

3/27/2018

WR ADDRESS:	18 ROSEDALE RD			L/O:	S18-325173-WCY
OTG:	FUEL NOT BEING REPLACED			WR #/CM #:	325173
ESTIMATED PBR:	\$33,224	BOROUGH:	Westchester	CFH:	7,340
PROTECTED STREETS:	N/A	UNTIL:		M&S PLATE:	25-AW
REINFORCEMENT DESCRIPTION:	HPPE MAIN EX	TENSION		RATE:	FIRM
TOTAL FOOTAGE:	390				
ENTITLEMENT:	100				
MATERIAL 1:	1 1/4" to 4" PE	LENGTH 1:	390		
MATERIAL 2:		LENGTH 2:			
MATERIAL 3:		LENGTH 3:			
AVG PRICE PER FOOT:	\$422				
TOTAL REINFORCEMENT COST:	\$118,142				
SVC COST (IF APPLICABLE):	0		CUSTOMER IMPACT %: 100.00%		
CUSTOMER COST (OOM):	\$35,694		CUSTOMER IMPACT: \$35,694		
BUY DOWN OPTION:	\$35,	694	MONTHLY SURCHARGE: \$2,361		

SVC RULING DESCRIPTION:

The existing 2 inch low pressure steel gas service is not adequate for the loads given. Con Edison will install a new 1 1/4 inch high pressure plastic gas service from the main to the property line. Con Edison recommends the installation of 1 1/4 inch high pressure plastic behind the property line. The customer is responsible for all costs associated with work done behind the property line.

MAIN EXTENSION AND REINFORCEMENT REQUIRED:

Main Extension:

Install 390' of 12 inch high pressure plastic main on Slater AV from Central Park AV to Helena AV. The cost to customer to install 290' of 2 inch high pressure plastic gas main (Con Edison will install 390' of 12 inch high pressure plastic gas main) is \$35,694, or the customer may pay a monthly surcharge of \$2,361 for 60 months. This cost is good for 6 months.

Main Reinforcement:

Replace 590' of 6 inch low pressure steel and wrought iron main on Slater AV and Rosedale AV with 12 inch plastic and upgrade to high pressure. The upgrade will be covered under the Main Replacement Program budget and will not be charged to customer. **CLUSTERING OR REGULATOR OPPORTUNITIES**

Designer: Supervisor:

M. TRIETSCH P. Goddard 3127/18

	Consolidated Edison Company of NewYork, Inc.								
	[TO USE WORKSHEET FILL IN SHADED AREAS]	SURCHARGE	CALCULATOR	Confidential - Proprietary	3/27/2018				
	LAYOUT NO. \$18-325173-WCY			NUMBER OF CUSTOMERS	CAPITAL COSTS				
		Length (ft.):	290						
1	TOTAL COST OF GAS MAIN EXTENSION SUBJECT TO SURCHARGE			FROM ENGINEERING ESTIMATE	\$118,142				
2	LESS: UPFRONT PAYMENT OR EQUIVALENT TRENCHING FROM CUSTO	MERS			\$0.0				
3	NET FACILITY COST TO BE RECOVERED FROM CUSTOMER(S)		LINE 1 - LINE 2		\$118,142				
4	ESTIMATE OF UPFRONT CAPITAL PAYMENT NEEDED TO MEET	THE 40% TEST ON LINE 8		\$35,694.0					
5	TOTAL ANNUAL PURE BASE REVENUES FROM ALL CUSTOMERS								
	SUBJECT TO SURCHARGE		INPUT FROM REVENUE CALCULATOR		\$33,224				
6	LESS : MINIMUM CHARGE PER MONTH PER CUSTOMER(1)		INIMUM MONTHLY BILLIN	NG X 12 X NUMBER OF CUSTOMER					
	Customers	Min Charge							
	SC - 1 NH 1	\$ 18.60			\$0				
	SC - 2 Rate I NH 1	\$ 30.45			\$0				
	SC - 2 Rate -II H 1 X SC - 3 Rate -I H 1	\$ 30.45 \$ 20.40			\$0 \$245				
	Rider H Rate- I NH 1	\$ 20.40 \$ 571.80 Drop Down M	enu		\$245				
	Rider H Rate- II NH 1	\$ 77.10	enu		\$0				
	Total	v 1110			\$245				
_					TOTAL				
7	ADJUSTED GAS REVENUES AVAILABLE TO COMPANY PER YEAR FROM	ALLCUSTOMERS	LINE 5	MINUS LINE 6	\$32,979				
8	SURCHARGE APPLICABILITY TEST	IF LINE 7 > 40% OF LIN	E 3 NO SURCHARGE, ELSE YES	A SURCHARGE IS APPLICABL					
					CALCULATION OF SURCHARGE				
9	GRT APPLIED TO LINE 3 (1)			5.2313%	\$6,180				
	X				,				
	NYC Muni - B Muni - A Yonke	rs							
		561%							
	NON-RES 2.6912% 0.2714% 1.2871% 3.3	813%							
10	UPFRONT ONE TIME CHARGE			Lines (3+9)	\$124,322				
11	TOTAL CARRYING CHARGE 13.95	%		Lines 10 x 13.86%	\$17,343				
12	TOTAL COST OF FACILITIES			Lines 10 + 11	\$141,665				
13	ANNUAL GAS SURCHARGE (*** TO BE COLLECTED MONTHLY***)			Lines 12 x 20%	\$28,333				
14	MONTHLY GAS SURCHARGE			Lines 13 ÷ 12 Months	\$2,361				
15	TOTAL MONTHLY GAS SURCHARGE PER CUSTOMER		Calculate Line 15 Using S	urcharge per Cutomer Work Sheet	See Line 16				
16	SURCHARGE BY CUSTOMER								
10				Credit If Line 10 Revenues are	Potential Monthly Payment				
			Monthly Surcharge	Realized	Net of Credit Reduction				
		Customer #1	\$ 2,361	-	\$ 2,361				
		Customer #2	\$ -	-	\$ -				
		Customer #3	۰. ۱		۰. ۱				

TOTAL

\$

2,361 \$

2,361

\$

NOTE: THE TARIFF REQUIRES THAT THE MONTHLY SURCHARGE FOR EACH CUSTOMER BE REDUCED BY UP TO 50% OF BASE REVENUE/MO. HOWEVER, REDUCTION MAY NOT EXCEED THE AMOUNT OF

THE SURCHARGE. SURCHARGE WILL BE TERMINATED EITHER AT THE END OF 10 YEARS OR WHEN REALIZED

PURE BASE REVENUES (ADJUSTED FOR MINIMUM BILL) FOR TWO CONSECUTIVE YEARS EQUALS

OR EXCEEDS 40% OF LINE 14. IN ADDITION, WHEN THE ADJUSTED GAS REVENUE FROM ALL CUSTOMERS

SERVED BY THE EXTENTION EXCEEDS THE CARRYING COSTS OF THE ENTIRE EXTENSION, ANY SURCHARGES PAID

BY SUCH CUSTOMERS DURING THE PRECEEDING FIVE YEARS SHALL BE REFUNDED . (1) CHECK WITH RATE ENGINEERING FOR UPDATES

A. Schain Rate Engineering File: (f) Main Surcharge Worksheet