

Unitil - NuNH Gas

Customer Project Evaluation & Determination of Non-Refundable Customer Contribution

Note: User Inputs are within Blue highlight cells

Brentwood Project

Project Inputs:

Relative Year	-	1	2	3	4	5	6	7	8	9	
Absolute Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	

<b>Total Project Capital Cost (before any customer contrib)</b> <i>(on Incremental basis = excl Gen Constr OH's)</i>	Model accepts multi-year phase-in of capital project costs; Enter as Positive Amounts.										<b>Total</b>	
	\$ 1,783,860	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,858,860

<b>Total Project O&amp;M / Incentive Cost</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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<b>Incremental Number of Meters by Year:</b>	<b>Class</b>											
(1) Primary Class/Meters added per Year	10 G52	1	-	-	-	-	-	-	-	-	-	1
(2) Add'l Class/Meters added per Year	10 G52	1	-	-	-	-	-	-	-	-	-	1
(3) Add'l Class/Meters added per Year	10 G52	-	-	-	-	1	-	-	-	-	-	1

<b>Average Consumption &amp; Demand</b>		<b>Historical Average Billed Therms</b>	<b>Annual Average Billed Therms</b>
(1) Primary Class/Meters added per Year	10 G52	421,887	493,520
(2) Add'l Class/Meters added per Year	10 G52	421,887	243,000
(3) Add'l Class/Meters added per Year	10 G52	421,887	287,000

<b>Optional Scenario Dual Fuel Customer</b>	
	<b>Contract Length (Relative Yrs)</b>
Class	
10 G52	-
10 G52	-
10 G52	-

(As a 'default', model provides - by class - avg consumption per meter based on prior five years)  
If known, actual project estimates should be substituted for these historic averages  
Model accepts up to three different classes within one 'project'.

Enter contract length in relative years and whole years only

Solve for Required Customer Contribution

Run the Model with No Customer Contribution (for 'benchmark' dynamic analytic periods ending 10 or 20 years beyond year of last capital expenditure)

Run Dynamic 10-Yr Analysis with No Customer Contribution

Run Dynamic 20-Yr Analysis with No Customer Contribution

Run Dual Fuel Analysis with No Customer Contribution

If IRR/NPV results are below benchmarks: Re-Run the model to determine the required non-refundable customer contribution

Run Dynamic 10-Yr Analysis Solve for Customer Contribution

Run Dynamic 20-Yr Analysis Solve for Customer Contribution

Run Dual Fuel Analysis Solve for Customer Contribution

	Dynamic 10-Yr (C&I) Analysis			Dynamic 20-Yr (Res) Analysis			Dual Fuel Customer Analysis		
	Results	Benchmark	Flag	Results	Benchmark	Flag	Results	Benchmark	Flag
<b>Total Analysis Years</b>	14			24			-		
<b>Non-Refundable Customer Contribution</b>	\$ 974,180			\$ 974,180			\$ -		
<b>IRR on Net Cash Flow (Excl Financing)</b>	7.05%	7.05%	OK	10.53%	7.05%	OK	0.00%	7.05%	IRR too low; Recalc Contributi
<b>Net Present Value - at AftTax WACC</b>	\$ (0)		OK	\$ 244,772		OK	\$ (695,684)		NPV too low; Recalc Contributi
<b>Net Company Capital Expenditure</b>	\$ 884,670			\$ 884,670			\$ 884,670		
<b>Simple Payback within relative year ==&gt;</b>	10			10			10		