



WN U-2
UG-140721 Verison 03
Issued: 4/25/2014
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Schedule 54 Attachment A: CNG Pricing Model - Calculation of CNG Contracted Volume Compression Charge and Incremental O&M Charge

Please enter inputs in the cells in **Bold Green Font** and click "CALCULATE" when done.

EXPECTED YEARS OF REVENUE: (Years) **10**

REVENUE YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
COMPRESSION STATION CAPITAL COST (As detailed in Exhibits B and D of Schdule 54 Service Agreement)	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ANNUAL STATION O&M COST (As detailed in Exhibits B and D of Schdule 54 Service Agreement)	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0
TOTAL NO. OF VEHICLES	5	10	15	15	15	15	15	15	15	15					
ANNUAL FLEET USAGE (THERMS)	130,496	260,993	391,489	391,489	391,489	391,489	391,489	391,489	391,489	391,489					

TARGET ROR	7.77%	ROR W/ CNG CHARGE
CNG FIXED CHARGE	\$269,476	7.779%
CNG VOLUMETRIC CHARGE	\$0.79000	7.776%

CONTRACTED VOLUME COMPRESSION CHARGE - CUSTOMER PAYMENT OPTION

FIXED MONTHLY PAYMENT FOR 10 YEARS PER MONTH: \$22,456	OR	PER THERM UP TO MONTHLY CONTRACTED VOLUME: \$0.79000	<i>CONTRACTED VOLUME COMPRESSION CHARGE IS AN ADDITION TO OTHER CNG CHARGES AND THE NATURAL GAS DISTRIBUTION / TRANSPORTATION AND APPLICABLE COMMODITY CHARGES.</i>
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INCREMENTAL O&M CHARGE

UNIT PRICE PER THERM \$0.20	WITH SALES AND REVENUE TAXES	PER THERM FOR THERMS EXCEEDING THE MONTHLY CONTRACTED VOLUME \$0.22910	<i>INCREMENTAL O&M CHARGE IS AN ADDITION TO OTHER CNG SERVICE CHARGES AND THE NATURAL GAS SERVICE CHARGES.</i>
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FLEET INFORMATION (As detailed in Exhibit A of Schdule 54 Service Agreement)						Therms/DGE: 1.380	
Vehicle Type e.g. Delivery Truck - Class 7	No. of Vehicles	CNG Fueling Start Year	Vehicle CNG Mileage (mi/DGE)	Estimated Miles per Year	Annual CNG Use/Vehicle (DGE)	Total Annual CNG Use (DGE)	Total Annual CNG Use (therms)
Delivery Truck - Class 7	5	1	4.23	80,000	18,913	94,563	130,496
Delivery Truck - Class 7	5	2	4.23	80,000	18,913	94,563	130,496
Delivery Truck - Class 7	5	3	4.23	80,000	18,913	94,563	130,496

This model will be updated to reflect changes in the following factors and rates as they may change from time to time.

Definitions and Effective Factors:
 CNG: Compressed Natural Gas
 DGE: Diesel Gallon Equivalent
 Sales Tax: City of Bellevue 9.5%
 Revenue Sensitive Items Adjustment Factor 4.6135%
 Property Taxes 0.655%
 Authorized Rate of Return (Docket Nos. UE-111048 and UG-111049) 7.770%
 Fuel Energy Content (Therms per DGE)* 1.380
 *Source:
 Heat Content for Diesel motor fuel 138,700 Btu/gal (gross)
 Page B-5 of the Transportation Energy Data Book: Edition 32, Appendix B, prepared and published by Oak Ridge National Laboratory (ORNL) under contract with the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, Vehicle Technologies Program.
http://cta.ornl.gov/data/te32/Edition32_Appendix_B.pdf