

April 14, 2011

Nova Scotia Utility and Review Board  
3<sup>rd</sup> Floor  
1601 Lower Water Street  
Halifax, Nova Scotia B3J 3P6

Attention : Nancy McNeil  
Regulatory Affairs Officer/Clerk

Dear Ms McNeil:

*RE: Renewable Energy Community Feed-in Tariffs – BRD-E-R-10 /  
Matter No. M03632 Undertaking U-12 : To provide a spreadsheet showing St. F.X.  
Data using the Synapse Model*

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**Solving  
today's  
problems  
with  
tomorrow  
in mind**

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**ISO 9001**  
Registered Company

As requested by the Board, CBCL has taken the Synapse financial model and used the St. FX data to determine COMFIT rate that would be required to meet the 13% Rate of Return.

We would like to note that we feel the Synapse model does not fit well with the St. FX operating scenario. For this analysis we determined that capital cost of a new biomass fired Heating Plant would be approximately \$20.3 million. The cost of an 8 MW (7MW net) Combined Heat and Power (CHP) plant would be \$36.8 million. The Synapse model would then take the cost of the Heating Plant and simply subtract this cost from the cost of the CHP Plant. So in our case approximately 55% of the cost of the CHP Plant would be allocated to the steam host and only 45% to the electrical production. With this approach a COMFIT rate of 148.58 \$/MWh was determined.

We feel that a better allocation of the cost of the plants would be as a ratio of the fuel consumption. In our case we have a CHP plant where 87 % of the annual fuel consumption is used for electrical power production and only 13% is used for steam production. If we then allocate 87% of the cost of the CHP to electrical production we find that we require a COMFIT rate of 187.35 \$/MWh.

The spreadsheets are attached for your review. Again we would like to emphasize that the Synapse model was developed for a typical sawmill operation we feel that using this same model to compare to a University Heating Plant is not entirely correct. To meet peak heat needs in the winter months at the University a large boiler is required. For the balance of the months in the year the boiler has low utilization and in the summer months is hardly used at all. To compare St.F.X. with the sawmillers is to compare apples to oranges. If you were to allocate the appropriate boiler costs to electrical production the COMFIT required would be 187.35 \$/MWh.



Yours very truly,

CBCL Limited

*Darren Hartlen*

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**Nova Scotia Utility & Review Board FIT Model**
**Biomass CHP condensing turbine;**

| Assumptions                                            |            | Notes:                                         |
|--------------------------------------------------------|------------|------------------------------------------------|
| <b>General Inflation Factor (revenue and expenses)</b> |            | From NSPI 2009 IRP Update                      |
| <b>Capital Costs (Uses of Funds)</b>                   |            |                                                |
| Development                                            | 275,000    | Net of steam-only scenario                     |
| Equipment & Installation                               | 16,520,000 | Net of steam-only scenario                     |
| Interconnection                                        | 110,000    | Net of steam-only scenario                     |
| Reserves                                               |            |                                                |
| Up-Front Maintenance                                   | 24,710     | Net of steam-only scenario                     |
| Working Capital                                        | 2,915,955  | Net of steam-only scenario                     |
| Debt Service Reserve                                   | 1,628,853  | Net of steam-only scenario                     |
| Financing                                              |            |                                                |
| Debt Closing Costs & Fees                              | 836,525    | Net of steam-only scenario                     |
| Equity Closing Costs & Fees                            | 368,071    | Net of steam-only scenario                     |
| Interest During Construction                           | 557,683    | Net of steam-only scenario                     |
| Total Project Cost                                     | 23,236,796 | Net of steam-only scenario                     |
| Total Project Cost (\$/kW)                             | 3,320      | Net of steam-only scenario                     |
| Initial Reserve Account Sizing                         |            |                                                |
| Upfront Maintenance (months of Year 1 O&M)             | 6          |                                                |
| Working Capital (months of Year 1 OPEX)                | 6          |                                                |
| Debt Service Reserve (months of P&I)                   | 6          |                                                |
| <b>Capital Structure (Sources of Funds)</b>            |            |                                                |
| Amount (\$)                                            |            |                                                |
| Grants (net value)                                     | 0          |                                                |
| Debt                                                   | 13,942,078 |                                                |
| Equity                                                 | 9,294,718  |                                                |
| Total Sources of Funds                                 | 23,236,796 |                                                |
| Amount (%)                                             |            |                                                |
| Grants                                                 | 0.0%       |                                                |
| Debt                                                   | 60%        |                                                |
| Equity                                                 | 40%        |                                                |
| Total Sources of Funds                                 | 100.0%     |                                                |
| <b>Grants:</b>                                         |            |                                                |
| State and Federal Incentives                           | 0          |                                                |
| State/Provincial Tax 1                                 | 0          |                                                |
| State/Provincial Tax 2                                 | 0          |                                                |
| Federal tax                                            | 0          |                                                |
| Net Value of Grants                                    | 0          |                                                |
| <b>Debt Terms</b>                                      |            |                                                |
| Amount                                                 | 13,942,078 | (Based on target debt/equity ratio)            |
| Loan Life                                              | 15         |                                                |
| Interest Rate                                          | 9.50%      |                                                |
| Up-Front Fee (%)                                       | 1.00%      |                                                |
| Up-Front Fee (\$)                                      | 139,421    |                                                |
| Closing Costs                                          | 697,104    | (5% of loan value)                             |
| <b>Tax Depreciation Allocation</b>                     |            |                                                |
| % of Total Project Cost                                |            |                                                |
| 30% Double Declining                                   | 0.0%       |                                                |
| 50% Double Declining                                   | 64.4%      | Assume 90% of hard costs.                      |
| 20-yr SL                                               | 7.2%       | Assume 10% of hard costs.                      |
| 40-yr SL                                               | 0.0%       |                                                |
| Other                                                  | 0.0%       |                                                |
| Non-Depreciable                                        | 28.43%     | Development costs, reserves and financing fees |
| Total                                                  | 100.0%     |                                                |
| Amount Allocated                                       |            |                                                |
| 30% Double Declining                                   | 0          |                                                |
| 50% Double Declining                                   | 14,967,000 |                                                |
| 20-yr SL                                               | 1,663,000  |                                                |
| 40-yr SL                                               | 0          |                                                |
| Other                                                  | 0          |                                                |
| Non-Depreciable                                        | 6,606,796  |                                                |
| Total                                                  | 23,236,796 |                                                |
| Year One Depreciation                                  |            |                                                |
| Year One Percent                                       | 25.0%      | (Based on the "half year rule")                |
| Year One Amount                                        | 3,741,750  |                                                |

| Assumptions:                                 |            | Notes:                                                                |
|----------------------------------------------|------------|-----------------------------------------------------------------------|
| <b>Operating Inputs</b>                      |            |                                                                       |
| Net Generator Capacity (MW)                  | 7.00       |                                                                       |
| Energy Production:                           |            |                                                                       |
| Net Capacity Factor                          |            |                                                                       |
| Net Output in MWhs                           | 52,554     |                                                                       |
| <b>Annual Operating Expenses</b>             |            |                                                                       |
| Annual Fuel Cost                             |            |                                                                       |
| Fuel Required per Year (mmBtu)               | 845,875    | Net of steam-only scenario                                            |
| Initial year Fuel Price (\$/mmBtu)           | \$4.25     | 75% of fuel costs are pegged to CPI and 25% to diesel fuel index.     |
| Annual O&M (expensed)                        | 83,588     | Escalates at inflation.                                               |
| Site Maintenance                             | 0          | Escalates at inflation.                                               |
| General & Administrative                     | 5,000      | Escalates at inflation.                                               |
| Insurance                                    | 498,900    | Escalates at inflation.                                               |
| Land Lease                                   | 0          | Escalates at inflation.                                               |
| Other                                        | 0          | Escalates at inflation.                                               |
| Property Tax                                 |            |                                                                       |
| Project Hard Costs                           | 16,630,000 | Includes hard costs only (equipment and interconnection)              |
| Assessed Value (%)                           | 30.00%     | Machinery and equipment is not assessed.                              |
| Assessed Value (\$)                          | 4,989,000  |                                                                       |
| Annual Decline in Assessed Value             | 1.00%      |                                                                       |
| Assessed Value Minimum %                     | 0.00%      |                                                                       |
| Property Tax Rate                            | 3.50%      | Based on the range of commercial tax rates in Nova Scotia             |
| <b>Revenue Assumptions</b>                   |            |                                                                       |
| Base Year Energy Price (\$/MWh)              | 148.58     |                                                                       |
| % of Base Price Escalating @ Infl.           | 0.0%       |                                                                       |
| Other Revenues (increases with inflation)    | 0          |                                                                       |
| <b>Return Metrics</b>                        |            |                                                                       |
| 20-year Equity IRR                           |            |                                                                       |
| Pre-Tax                                      | 14.39%     |                                                                       |
| After-Tax                                    | 13.00%     |                                                                       |
| Average Debt Service Coverage Ratio          | 1.63       |                                                                       |
| Minimum Debt Service Coverage Ratio          | 1.26       |                                                                       |
| Minimum Annual After-Tax Equity Net Benefits | -13,159    | Includes tax benefit/(liability)                                      |
| <b>Tax Rates:</b>                            |            |                                                                       |
| Federal Income Tax                           | 15.0%      |                                                                       |
| State/Provincial Income Tax                  |            |                                                                       |
| Tax Rate 1                                   |            |                                                                       |
| Applicable Income (less than X)              | 400,000    |                                                                       |
| Tax Rate 1                                   | 4.5%       |                                                                       |
| Tax Rate 2 (for income greater than X)       | 16.0%      |                                                                       |
| <b>Major Maintenance</b>                     |            |                                                                       |
| Replacement Occurs Every X Years             | 10         | Major Maintenance is funded through operations.                       |
| Cost of Replacement (Year 0 Dollars)         | 350,000    | Major Maintenance can not occur more frequently than every five years |
|                                              | 50% Double | Escalates at inflation.                                               |
|                                              | Declining  |                                                                       |
| Tax Depreciation Classification of Spending  |            |                                                                       |
| Book Depreciation Classification of Spending | 30-yr SL   |                                                                       |
| <b>Residual Value</b>                        |            |                                                                       |
| Residual Value (Net Book Value)              | 251,372    |                                                                       |
| Book Depreciation Classifications            |            |                                                                       |
| 20-yr SL                                     | 100.0%     |                                                                       |
| 30-yr SL                                     | 0.0%       |                                                                       |
| 37-yr SL                                     | 0.0%       |                                                                       |
| 40-yr SL                                     | 0.0%       |                                                                       |
| Non-Depreciable                              | 0.00%      |                                                                       |
| Total                                        | 100.0%     |                                                                       |
| Amount Allocated                             |            |                                                                       |
| 20-yr SL                                     | 23,236,796 |                                                                       |
| 30-yr SL                                     | 0          |                                                                       |
| 37-yr SL                                     | 0          |                                                                       |
| 40-yr SL                                     | 0          |                                                                       |
| Non-Depreciable                              | 0          |                                                                       |
| Total                                        | 23,236,796 |                                                                       |

Nova Scotia Utility & Review Board FIT Model

| Operating Year                                |       | 0           | 1          | 2          | 3          | 4          | 5          | 6          | 7          | 8          | 9          | 10         | 11         | 12         | 13         | 14         | 15         | 16         | 17         | 18         | 19         | 20         |           |
|-----------------------------------------------|-------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| Generation (MWh)                              |       |             | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     |           |
| Partial Income Statement                      |       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Revenue                                       |       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Standard Offer Price (\$/MWh)                 |       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Fixed Price Component                         | 100%  |             | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     |           |
| Escalating Price Component                    | 0%    |             | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |           |
| Standard Offer Price                          |       |             | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     | 148.58     |           |
| Revenues From Energy Production               |       |             | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  | 7,808,454  |           |
| Other Revenues                                |       |             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |           |
| Interest Revenue                              |       |             | 87,735     | 88,532     | 89,330     | 90,127     | 90,925     | 91,722     | 92,519     | 93,317     | 94,114     | 94,912     | 87,735     | 88,699     | 89,664     | 90,628     | 91,593     | 61,283     | 62,248     | 63,212     | 64,177     | 65,141     |           |
| Total Revenue                                 |       |             | 7,896,188  | 7,896,986  | 7,897,783  | 7,898,581  | 7,899,378  | 7,900,176  | 7,900,973  | 7,901,771  | 7,902,568  | 7,903,366  | 7,896,188  | 7,897,153  | 7,898,117  | 7,899,082  | 7,900,046  | 7,869,737  | 7,870,701  | 7,871,666  | 7,872,630  | 7,873,595  |           |
| Expenses                                      |       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Fuel Cost                                     |       |             | -3,594,969 | -3,663,992 | -3,734,341 | -3,806,040 | -3,879,116 | -3,953,595 | -4,029,504 | -4,106,871 | -4,185,723 | -4,266,088 | -4,347,997 | -4,431,479 | -4,516,563 | -4,603,281 | -4,691,664 | -4,781,744 | -4,873,554 | -4,967,126 | -5,062,495 | -5,159,695 |           |
| O&M                                           |       |             | -83,588    | -85,193    | -86,828    | -88,496    | -90,195    | -91,926    | -93,691    | -95,490    | -97,324    | -99,192    | -101,097   | -103,038   | -105,016   | -107,032   | -109,087   | -111,182   | -113,317   | -115,492   | -117,710   | -119,970   |           |
| Site Maintenance                              |       |             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |           |
| G&A                                           |       |             | -5,000     | -5,096     | -5,194     | -5,294     | -5,395     | -5,499     | -5,604     | -5,712     | -5,822     | -5,933     | -6,047     | -6,163     | -6,282     | -6,402     | -6,525     | -6,651     | -6,778     | -6,908     | -7,041     | -7,176     |           |
| Insurance                                     |       |             | -498,900   | -508,479   | -518,242   | -528,192   | -538,333   | -548,669   | -559,204   | -569,940   | -580,883   | -592,036   | -603,403   | -614,989   | -626,796   | -638,831   | -651,096   | -663,597   | -676,339   | -689,324   | -702,559   | -716,048   |           |
| Land Lease                                    |       |             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |           |
| Other                                         |       |             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |           |
| Property tax                                  |       |             | -174,615   | -172,869   | -171,123   | -169,377   | -167,630   | -165,884   | -164,138   | -162,392   | -160,646   | -158,900   | -157,154   | -155,407   | -153,661   | -151,915   | -150,169   | -148,423   | -146,677   | -144,930   | -143,184   | -141,438   |           |
| Total                                         |       |             | -4,357,072 | -4,435,629 | -4,515,727 | -4,597,398 | -4,680,670 | -4,765,574 | -4,852,142 | -4,940,405 | -5,030,397 | -5,122,150 | -5,215,698 | -5,311,076 | -5,408,319 | -5,507,462 | -5,608,542 | -5,711,597 | -5,816,664 | -5,923,781 | -6,032,989 | -6,144,327 |           |
| EBITDA                                        |       |             | 3,539,117  | 3,461,357  | 3,382,056  | 3,301,183  | 3,218,709  | 3,134,602  | 3,048,832  | 2,961,365  | 2,872,171  | 2,781,216  | 2,680,490  | 2,586,077  | 2,489,799  | 2,391,620  | 2,291,504  | 2,158,140  | 2,054,038  | 1,947,884  | 1,839,641  | 1,729,268  |           |
| Equity Return                                 |       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Cash                                          |       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| EBITDA                                        |       |             | 3,539,117  | 3,461,357  | 3,382,056  | 3,301,183  | 3,218,709  | 3,134,602  | 3,048,832  | 2,961,365  | 2,872,171  | 2,781,216  | 2,680,490  | 2,586,077  | 2,489,799  | 2,391,620  | 2,291,504  | 2,158,140  | 2,054,038  | 1,947,884  | 1,839,641  | 1,729,268  |           |
| Plus: Release of Debt Service Reserve         |       |             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1,628,853  | 0          | 0          | 0          | 0          | 0          |           |
| Plus: Release of WC & Up-Front Maint Reserves |       |             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2,940,664  |           |
| Plus: Release of Major Maintenance Reserves   |       |             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 415,339    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 502,339    |           |
| Plus: Residual Value                          |       |             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 251,372    |           |
| Less: Major Maintenance Spending              |       |             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | -415,339   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | -502,339   |           |
| Less: Major Maintenance Reserve Funding       |       |             | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    |           |
| Less: Principal                               |       |             | -456,515   | -499,884   | -547,373   | -599,374   | -656,314   | -718,664   | -786,937   | -861,696   | -943,557   | -1,033,195 | -1,131,348 | -1,238,827 | -1,356,515 | -1,485,384 | -1,626,495 | -0         | -0         | -0         | -0         | -0         |           |
| Less: Interest                                |       |             | -1,324,497 | -1,281,128 | -1,233,639 | -1,181,639 | -1,124,699 | -1,062,349 | -994,076   | -919,317   | -837,456   | -747,818   | -649,664   | -542,186   | -424,497   | -295,629   | -154,517   | 0          | 0          | 0          | 0          | 0          |           |
| Total Cash                                    |       |             | 1,716,570  | 1,638,811  | 1,559,509  | 1,478,637  | 1,396,162  | 1,312,056  | 1,226,285  | 1,138,819  | 1,049,625  | 958,669    | 849,244    | 754,830    | 658,552    | 560,373    | 2,089,111  | 2,107,906  | 2,003,804  | 1,897,651  | 1,789,407  | 4,871,070  |           |
| Equity Investment                             |       |             | -9,294,718 |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Total Pre-Tax Equity Return                   |       |             | -9,294,718 | 1,716,570  | 1,638,811  | 1,559,509  | 1,478,637  | 1,396,162  | 1,312,056  | 1,226,285  | 1,138,819  | 1,049,625  | 958,669    | 849,244    | 754,830    | 658,552    | 560,373    | 2,089,111  | 2,107,906  | 2,003,804  | 1,897,651  | 1,789,407  | 4,871,070 |
| Pre-Tax Internal Rate of Return               |       | 14.39%      |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Taxable Income Benefit/(Liability)            |       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| EBITDA                                        |       |             | 3,539,117  | 3,461,357  | 3,382,056  | 3,301,183  | 3,218,709  | 3,134,602  | 3,048,832  | 2,961,365  | 2,872,171  | 2,781,216  | 2,680,490  | 2,586,077  | 2,489,799  | 2,391,620  | 2,291,504  | 2,158,140  | 2,054,038  | 1,947,884  | 1,839,641  | 1,729,268  |           |
| Less: Interest                                |       |             | -1,324,497 | -1,281,128 | -1,233,639 | -1,181,639 | -1,124,699 | -1,062,349 | -994,076   | -919,317   | -837,456   | -747,818   | -649,664   | -542,186   | -424,497   | -295,629   | -154,517   | 0          | 0          | 0          | 0          | 0          |           |
| Less: Tax Depreciation                        |       |             | -3,783,325 | -5,695,775 | -2,889,463 | -1,486,306 | -784,728   | -433,939   | -258,545   | -170,847   | -126,999   | -312,744   | -197,947   | -140,548   | -111,849   | -97,500    | -90,325    | -86,737    | -84,944    | -84,047    | -83,598    | -334,544   |           |
| Taxable Income/(Loss)                         |       |             | -1,568,706 | -3,515,546 | -741,046   | 633,238    | 1,309,282  | 1,638,314  | 1,796,211  | 1,871,202  | 1,907,717  | 1,720,654  | 1,832,879  | 1,903,342  | 1,953,452  | 1,998,492  | 2,046,662  | 2,071,402  | 1,969,094  | 1,863,838  | 1,756,043  | 1,394,724  |           |
| Tax Benefit/(Liability)                       |       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| State/Provincial 1                            |       |             | 18,000     | 18,000     | 18,000     | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    |           |
| State/Provincial 2                            |       |             | 186,993    | 498,487    | 54,567     | -37,318    | -145,485   | -198,130   | -223,394   | -235,392   | -241,235   | -211,305   | -229,261   | -240,535   | -248,552   | -255,759   | -263,466   | -267,424   | -251,055   | -234,214   | -216,967   | -159,156   |           |
| Federal                                       |       |             | 235,306    | 527,332    | 111,157    | -94,986    | -196,392   | -245,747   | -269,432   | -280,680   | -286,158   | -258,098   | -274,932   | -285,501   | -293,018   | -299,774   | -306,999   | -310,710   | -295,364   | -279,576   | -263,406   | -209,209   |           |
| Total Tax Benefit/(Liability)                 |       |             | 440,299    | 1,043,819  | 183,724    | -150,304   | -359,877   | -461,877   | -510,826   | -534,072   | -545,392   | -487,403   | -522,193   | -544,036   | -559,570   | -573,532   | -588,465   | -596,135   | -564,419   | -531,790   | -498,373   | -386,364   |           |
| Equity Investment                             |       |             | -9,294,718 |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Total After-Tax Equity Return                 |       |             | -9,294,718 | 2,156,869  | 2,682,630  | 1,743,234  | 1,328,333  | 1,036,285  | 850,178    | 715,460    | 604,747    | 504,232    | 471,266    | 327,051    | 210,794    | 98,982     | -13,159    | 1,500,645  | 1,511,771  | 1,439,385  | 1,365,861  | 1,291,034  | 4,484,706 |
| After-Tax Internal Rate of Return             |       | 13.00%      |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Debt                                          |       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Loan Balance                                  |       | 13,942,078  | 13,485,563 | 12,985,678 | 12,438,305 | 11,838,932 | 11,182,618 | 10,463,954 | 9,677,017  | 8,815,321  | 7,871,764  | 6,838,569  | 5,707,221  | 4,468,394  | 3,111,879  | 1,626,495  | -0         | -0         | -0         | -0         | -0         | -0         |           |
| Interest                                      | 9.50% | -12,773,110 | -1,324,497 | -1,281,128 | -1,233,639 | -1,181,639 | -1,124,699 | -1,062,349 | -994,076   | -919,317   | -837,456   | -747,818   | -649,664   | -542,186   | -424,497   | -295,629   | -154,517   | 0          | 0          | 0          | 0          | 0          |           |
| Principal                                     |       | -13,942,078 | -456,515   | -499,884   | -547,373   | -599,374   | -656,314   | -718,664   | -786,937   | -861,696   | -943,557   | -1,033,195 | -1,131,348 | -1,238,827 | -1,356,515 | -1,485,384 | -1,626,495 | -0         | -0         | -0         | -0         | -0         |           |
| Annual payment                                |       |             | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | -1,781,013 | 0          | 0          | 0          | 0          | 0          |           |
| Debt Service Coverage Ratio                   |       |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| EBITDA                                        |       |             | 3,539,117  | 3,461,357  | 3,382,056  | 3,301,183  | 3,218,709  | 3,134,602  | 3,048,832  | 2,961,365  | 2,872,171  | 2,781,216  | 2,680,490  | 2,586,077  | 2,489,799  | 2,391,620  | 2,291,504  | 0          | 0          | 0          | 0          | 0          |           |
| Less: Major Maintenance Reserve Funding       |       |             | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | 0          | 0          | 0          | 0          | 0          |           |
| Cash Available for Debt Service               |       |             | 3,497,583  | 3,419,823  | 3,340,522  | 3,259,649  | 3,177,175  | 3,093,068  | 3,007,298  | 2,919,832  | 2,830,637  | 2,739,682  | 2,630,256  | 2,535,     |            |            |            |            |            |            |            |            |           |

Nova Scotia Utility & Review Board FIT Model

| Operating Year                                      | 0         | 1         | 2         | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        | 12        | 13        | 14        | 15         | 16        | 17        | 18        | 19        | 20         |
|-----------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|
| Debt Service Coverage Ratio                         |           | 1.96      | 1.92      | 1.88      | 1.83      | 1.78      | 1.74      | 1.69      | 1.64      | 1.59      | 1.54      | 1.48      | 1.42      | 1.37      | 1.31      | 1.26       |           |           |           |           |            |
| Average                                             | 1.63      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Minimum                                             | 1.26      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Reserve Accounts                                    |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Reserves Funded As Part of Capital Cost             |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Beginning Balance                                   | 0         | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517  | 2,940,664 | 2,940,664 | 2,940,664 | 2,940,664 | 2,940,664  |
| Up-Front Maintenance Reserve                        | 24,710    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | -24,710    |
| Working Capital                                     | 2,915,955 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | -2,915,955 |
| Debt Service Reserve                                | 1,628,853 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | -1,628,853 | 0         | 0         | 0         | 0         | 0          |
| Total                                               | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 2,940,664  | 2,940,664 | 2,940,664 | 2,940,664 | 2,940,664 | -0         |
| Major Maintenance Reserve Funded Through Operations |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Beginning Balance                                   | 0         | 41,534    | 83,068    | 124,602   | 166,136   | 207,670   | 249,203   | 290,737   | 332,271   | 373,805   | 0         | 50,234    | 100,468   | 150,702   | 200,936   | 251,170    | 301,403   | 351,637   | 401,871   | 452,105   |            |
| Funding                                             | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 50,234    | 50,234    | 50,234    | 50,234    | 50,234    | 50,234     | 50,234    | 50,234    | 50,234    | 50,234    |            |
| Release of Funds                                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | -415,339  | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | -502,339  |            |
| Ending Balance                                      | 41,534    | 83,068    | 124,602   | 166,136   | 207,670   | 249,203   | 290,737   | 332,271   | 373,805   | 0         | 50,234    | 100,468   | 150,702   | 200,936   | 251,170   | 301,403    | 351,637   | 401,871   | 452,105   | 0         |            |
| Major Maintenance Costs                             |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Occurrence 1                                        | 415,339   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 415,339   | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         |            |
| Occurrence 2                                        | 502,339   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 502,339   |            |
| Occurrence 3                                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         |            |
| Occurrence 4                                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         |            |
| Major Maintenance Funding                           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Occurrence 1                                        | 415,339   | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         |            |
| Occurrence 2                                        | 502,339   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 50,234    | 50,234    | 50,234    | 50,234    | 50,234    | 50,234     | 50,234    | 50,234    | 50,234    | 50,234    |            |
| Occurrence 3                                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         |            |
| Occurrence 4                                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         |            |
| Interest on Reserves                                |           | 87,735    | 88,532    | 89,330    | 90,127    | 90,925    | 91,722    | 92,519    | 93,317    | 94,114    | 94,912    | 87,735    | 88,699    | 89,664    | 90,628    | 91,593     | 61,283    | 62,248    | 63,212    | 64,177    | 65,141     |
| Property Tax Calculation                            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Original Assessed Value                             | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000  | 4,989,000 | 4,989,000 | 4,989,000 | 4,989,000 |            |
| Annual Decline in Assessed Value                    | 100.0%    | 99.0%     | 98.0%     | 97.0%     | 96.0%     | 95.0%     | 94.0%     | 93.0%     | 92.0%     | 91.0%     | 90.0%     | 89.0%     | 88.0%     | 87.0%     | 86.0%     | 85.0%      | 84.0%     | 83.0%     | 82.0%     | 81.0%     |            |
| Annual Assessed Value                               | 4,989,000 | 4,939,110 | 4,889,220 | 4,839,330 | 4,789,440 | 4,739,550 | 4,689,660 | 4,639,770 | 4,589,880 | 4,539,990 | 4,490,100 | 4,440,210 | 4,390,320 | 4,340,430 | 4,290,540 | 4,240,650  | 4,190,760 | 4,140,870 | 4,090,980 | 4,041,090 |            |
| Property Tax Rate                                   | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%      | 3.50%     | 3.50%     | 3.50%     | 3.50%     |            |
| Property Tax Expense                                | 174,615   | 172,869   | 171,123   | 169,377   | 167,630   | 165,884   | 164,138   | 162,392   | 160,646   | 158,900   | 157,154   | 155,407   | 153,661   | 151,915   | 150,169   | 148,423    | 146,677   | 144,930   | 143,184   | 141,438   |            |

Nova Scotia Utility & Review Board FIT Model

| Operating Year                                     | 0          | 1                    | 2                   | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        | 12        | 13        | 14        | 15        | 16        | 17        | 18        | 19        | 20        |
|----------------------------------------------------|------------|----------------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Calendar Year                                      | 2010       | 2011                 | 2012                | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      | 2025      | 2026      | 2027      | 2028      | 2029      | 2030      |
| <b>Tax Depreciation</b>                            |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Calendar Year Depreciation per Classification (%)  |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 30% Double Declining                               |            | 30.00%               | 21.00%              | 14.70%    | 10.29%    | 7.20%     | 5.04%     | 3.53%     | 2.47%     | 1.73%     | 1.21%     | 0.85%     | 0.59%     | 0.42%     | 0.29%     | 0.20%     | 0.14%     | 0.10%     | 0.07%     | 0.05%     | 0.03%     |
| 50% Double Declining                               |            | 50.00%               | 25.00%              | 12.50%    | 6.25%     | 3.13%     | 1.56%     | 0.78%     | 0.39%     | 0.20%     | 0.10%     | 0.05%     | 0.02%     | 0.01%     | 0.01%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     |
| 20-yr SL                                           |            | 2.50%                | 5.00%               | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     |
| 40-yr SL                                           |            | 1.25%                | 2.50%               | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     |
| Other                                              |            | 0.00%                | 0.00%               | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     |
| Calendar Year Depreciation per Classification (\$) |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Year One Capital Cost Allocation                   | 3,741,750  | 3,741,750            | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 30% Double Declining                               | 0          | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 50% Double Declining                               | 11,225,250 | 0                    | 5,612,625           | 2,806,313 | 1,403,156 | 701,578   | 350,789   | 175,395   | 87,697    | 43,849    | 21,924    | 10,962    | 5,481     | 2,741     | 1,370     | 685       | 343       | 171       | 86        | 43        | 21        |
| 20-yr SL                                           | 1,663,000  | 41,575               | 83,150              | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    | 83,150    |
| 40-yr SL                                           | 0          | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Other                                              | 0          | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Major Maintenance                                  |            | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 207,670   | 103,835   | 51,917    | 25,959    | 12,979    | 6,490     | 3,245     | 1,622     | 811       | 406       | 251,372   |
| Annual Depreciation                                | 17,254,709 | 3,783,325            | 5,695,775           | 2,889,463 | 1,486,306 | 784,728   | 433,939   | 258,545   | 170,847   | 126,999   | 312,744   | 197,947   | 140,548   | 111,849   | 97,500    | 90,325    | 86,737    | 84,944    | 84,047    | 83,598    | 334,544   |
| Major Maintenance                                  |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Timing of Spending                                 |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Occurrence 1                                       |            | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 2         | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        |
| Occurrence 2                                       |            | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| Occurrence 3                                       |            | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Occurrence 4                                       |            | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Depreciation Classification                        |            | 50% Double Declining |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Year                                               | 0          | 1                    | 2                   | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        | 12        | 13        | 14        | 15        | 16        | 17        | 18        | 19        | 20        |
| Depreciation Schedule                              | 0.00%      | 50.00%               | 25.00%              | 12.50%    | 6.25%     | 3.13%     | 1.56%     | 0.78%     | 0.39%     | 0.20%     | 0.10%     | 0.05%     | 0.02%     | 0.01%     | 0.01%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     |
| Depreciation Expense                               |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|                                                    |            | Expense              | Depreciation Amount |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Occurrence 1                                       | 415,339    | 415,136              | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 207,670   | 103,835   | 51,917    | 25,959    | 12,979    | 6,490     | 3,245     | 1,622     | 811       | 406       | 203       |
| Occurrence 2                                       | 502,339    | 251,170              | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 251,170   |
| Occurrence 3                                       | 0          | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Occurrence 4                                       | 0          | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <b>Book Depreciation</b>                           |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Calendar Year Depreciation per Classification (%)  |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 20-yr SL                                           |            | 5.00%                | 5.00%               | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     |
| 30-yr SL                                           |            | 3.33%                | 3.33%               | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     |
| 37-yr SL                                           |            | 2.70%                | 2.70%               | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     |
| 40-yr SL                                           |            | 2.50%                | 2.50%               | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     |
| Calendar Year Depreciation per Classification (\$) |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 20-yr SL                                           | 23,236,796 | 1,161,840            | 1,161,840           | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 |
| 30-yr SL                                           | 0          | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 37-yr SL                                           | 0          | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 40-yr SL                                           | 0          | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Major Maintenance                                  |            | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 207,670   | 103,835   | 51,917    | 25,959    | 12,979    | 6,490     | 3,245     | 1,622     | 811       | 406       | 251,372   |
| Annual Depreciation                                | 23,903,102 | 1,161,840            | 1,161,840           | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,161,840 | 1,369,509 | 1,265,675 | 1,213,757 | 1,187,798 | 1,174,819 | 1,168,329 | 1,165,085 | 1,163,462 | 1,162,651 | 1,162,245 | 1,413,212 |
| Major Maintenance                                  |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Timing of Spending                                 |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Occurrence 1                                       |            | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 2         | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        |
| Occurrence 2                                       |            | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| Occurrence 3                                       |            | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Occurrence 4                                       |            | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Depreciation Classification                        |            | 30-yr SL             |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Year                                               | 0          | 1                    | 2                   | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        | 12        | 13        | 14        | 15        | 16        | 17        | 18        | 19        | 20        |
| Depreciation Schedule                              | 0.00%      | 3.33%                | 3.33%               | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     |
| Depreciation Expense                               |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|                                                    |            | Expense              | Depreciation Amount |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Occurrence 1                                       | 415,339    | 415,136              | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 207,670   | 103,835   | 51,917    | 25,959    | 12,979    | 6,490     | 3,245     | 1,622     | 811       | 406       | 203       |
| Occurrence 2                                       | 502,339    | 251,170              | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 251,170   |
| Occurrence 3                                       | 0          | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Occurrence 4                                       | 0          | 0                    | 0                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <b>Net Book Value</b>                              |            |                      |                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |

|                         |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Beginning Balance       | 0          | 22,074,956 | 20,913,117 | 19,751,277 | 18,589,437 | 17,427,597 | 16,265,757 | 15,103,917 | 13,942,078 | 12,780,238 | 11,826,068 | 10,560,393 | 9,346,636  | 8,158,837  | 6,984,018  | 5,815,689  | 4,650,604  | 3,487,142  | 2,324,491  | 1,162,245  |
| Original Book Value     | 23,236,796 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| Plus: Major Maintenance | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 415,339    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 502,339    |
| Less: Depreciation      | -1,161,840 | -1,161,840 | -1,161,840 | -1,161,840 | -1,161,840 | -1,161,840 | -1,161,840 | -1,161,840 | -1,161,840 | -1,369,509 | -1,265,675 | -1,213,757 | -1,187,798 | -1,174,819 | -1,168,329 | -1,165,085 | -1,163,462 | -1,162,651 | -1,162,245 | -1,413,212 |
| Net Book Value          | 22,074,956 | 20,913,117 | 19,751,277 | 18,589,437 | 17,427,597 | 16,265,757 | 15,103,917 | 13,942,078 | 12,780,238 | 11,826,068 | 10,560,393 | 9,346,636  | 8,158,837  | 6,984,018  | 5,815,689  | 4,650,604  | 3,487,142  | 2,324,491  | 1,162,245  | 251,372    |

| Component                                   | Value for Steam-Only<br>Scenario | Gross Value for CHP<br>Scenario | Net Value for CHP<br>Scenario |
|---------------------------------------------|----------------------------------|---------------------------------|-------------------------------|
| Project development                         | \$0                              | \$275,000                       | \$275,000                     |
| Boiler installed cost (\$)                  | \$20,298,000                     | \$36,818,000                    | \$16,520,000                  |
| Turbine installed cost (\$)                 | \$0                              | \$0                             | \$0                           |
| Emission controls                           | \$0                              | \$0                             | \$0                           |
| Condenser/Cooling Tower                     | \$0                              | \$0                             | \$0                           |
| Equipment and Installation (\$)             | \$20,298,000                     | \$36,818,000                    | \$16,520,000                  |
| Interconnection (\$)                        | \$0                              | \$110,000                       | \$110,000                     |
| Maintenance reserve (\$)                    | \$37,790                         | \$62,500                        | \$24,710                      |
| Working capital reserve (\$)                | \$0                              | \$2,915,955                     | \$2,915,955                   |
| Debt service reserve (\$)                   | \$1,669,080                      | \$3,297,933                     | \$1,628,853                   |
| Debt Closing Costs & Fees                   | \$857,184                        | \$1,693,709                     | \$836,525                     |
| Equity Closing Costs & Fees                 | \$377,161                        | \$745,232                       | \$368,071                     |
| Interest During Construction                | \$571,456                        | \$1,129,139                     | \$557,683                     |
| Routine O&M (\$/yr)                         | \$91,412                         | \$125,000                       | \$33,588                      |
| New Labor for CHP                           | \$0                              | \$50,000                        | \$50,000                      |
| General & Admin.                            | \$10,000                         | \$15,000                        | \$5,000                       |
| Insurance                                   | \$608,940                        | \$1,107,840                     | \$498,900                     |
| Property taxes                              | \$213,129                        | \$387,744                       |                               |
| Year-10 Turbine overhaul (\$)               | \$0                              | \$150,000                       | \$150,000                     |
| Year-10 Boiler overhaul (\$)                | \$0                              | \$200,000                       | \$200,000                     |
| Annual Fuel Use (mmBtu/yr)                  | 129,731                          | 975,606                         | 845,875                       |
| Annual Fuel Cost (\$/yr)                    | \$551,357                        | \$4,146,326                     | \$3,594,969                   |
| Plant capacity factor (%) - extract         | 85%                              | 85%                             | 85%                           |
| Plant capacity factor (%) - full condensing |                                  |                                 | 0%                            |
| NPV of new boiler(\$2M) in yr 10            |                                  |                                 |                               |
| Steam Load (mmBtu/hr)                       | 12.943                           | 89.56                           |                               |
| Boiler size (lb/hr)                         | 50,000                           | 100,000                         |                               |
| Boiler rating (psi)                         | 150                              | 600                             |                               |
| Turbine type                                | N/A                              | Condensing                      |                               |
| Turbine size (MW)                           | N/A                              | 7.00                            |                               |

|                                 |              |              |
|---------------------------------|--------------|--------------|
| Loan value for calculations:    | \$14,286,403 | \$28,228,481 |
| Equity amount for calculations: | \$9,429,026  | \$18,630,797 |

|                       |              |              |              |
|-----------------------|--------------|--------------|--------------|
| Actual Loan Value:    | \$14,286,403 | \$28,228,481 | \$13,942,078 |
| Actual Equity Amount: | \$9,524,269  | \$18,818,987 |              |

# Nova Scotia Utility & Review Board FIT Model

# Biomass CHP condensing turbine;

| Assumptions                                     |            | Notes:                                         |
|-------------------------------------------------|------------|------------------------------------------------|
| General Inflation Factor (revenue and expenses) |            | 1.92% From NSPI 2009 IRP Update                |
| Capital Costs (Uses of Funds)                   |            |                                                |
| Development                                     | 275,000    | Net of steam-only scenario                     |
| Equipment & Installation                        | 32,031,660 | Net of steam-only scenario                     |
| Interconnection                                 | 110,000    | Net of steam-only scenario                     |
| Reserves                                        |            |                                                |
| Up-Front Maintenance                            | 24,710     | Net of steam-only scenario                     |
| Working Capital                                 | 2,915,955  | Net of steam-only scenario                     |
| Debt Service Reserve                            | 1,628,853  | Net of steam-only scenario                     |
| Financing                                       |            |                                                |
| Debt Closing Costs & Fees                       | 836,525    | Net of steam-only scenario                     |
| Equity Closing Costs & Fees                     | 368,071    | Net of steam-only scenario                     |
| Interest During Construction                    | 557,683    | Net of steam-only scenario                     |
| Total Project Cost                              | 38,748,456 | Net of steam-only scenario                     |
| Total Project Cost (\$/kW)                      | 5,535      | Net of steam-only scenario                     |
| Initial Reserve Account Sizing                  |            |                                                |
| Upfront Maintenance (months of Year 1 O&M)      | 6          |                                                |
| Working Capital (months of Year 1 OPEX)         | 6          |                                                |
| Debt Service Reserve (months of P&I)            | 6          |                                                |
| Capital Structure (Sources of Funds)            |            |                                                |
| Amount (\$)                                     |            |                                                |
| Grants (net value)                              | 0          |                                                |
| Debt                                            | 23,249,074 |                                                |
| Equity                                          | 15,499,382 |                                                |
| Total Sources of Funds                          | 38,748,456 |                                                |
| Amount (%)                                      |            |                                                |
| Grants                                          | 0.0%       |                                                |
| Debt                                            | 60%        |                                                |
| Equity                                          | 40%        |                                                |
| Total Sources of Funds                          | 100.0%     |                                                |
| Grants:                                         |            |                                                |
| State and Federal Incentives                    | 0          |                                                |
| State/Provincial Tax 1                          | 0          |                                                |
| State/Provincial Tax 2                          | 0          |                                                |
| Federal tax                                     | 0          |                                                |
| Net Value of Grants                             | 0          |                                                |
| Debt Terms                                      |            |                                                |
| Amount                                          | 23,249,074 | (Based on target debt/equity ratio)            |
| Loan Life                                       | 15         |                                                |
| Interest Rate                                   | 9.50%      |                                                |
| Up-Front Fee (%)                                | 1.00%      |                                                |
| Up-Front Fee (\$)                               | 232,491    |                                                |
| Closing Costs                                   | 1,162,454  | (5% of loan value)                             |
| Tax Depreciation Allocation                     |            |                                                |
| % of Total Project Cost                         |            |                                                |
| 30% Double Declining                            | 0.0%       |                                                |
| 50% Double Declining                            | 74.7%      | Assume 90% of hard costs.                      |
| 20-yr SL                                        | 8.3%       | Assume 10% of hard costs.                      |
| 40-yr SL                                        | 0.0%       |                                                |
| Other                                           | 0.0%       |                                                |
| Non-Depreciable                                 | 17.05%     | Development costs, reserves and financing fees |
| Total                                           | 100.0%     |                                                |
| Amount Allocated                                |            |                                                |
| 30% Double Declining                            | 0          |                                                |
| 50% Double Declining                            | 28,927,494 |                                                |
| 20-yr SL                                        | 3,214,166  |                                                |
| 40-yr SL                                        | 0          |                                                |
| Other                                           | 0          |                                                |
| Non-Depreciable                                 | 6,606,796  |                                                |
| Total                                           | 38,748,456 |                                                |
| Year One Depreciation                           |            |                                                |
| Year One Percent                                | 25.0%      | (Based on the "half year rule")                |
| Year One Amount                                 | 7,231,874  |                                                |

| Assumptions:                                 |            | Notes:                                                                |
|----------------------------------------------|------------|-----------------------------------------------------------------------|
| Operating Inputs                             |            |                                                                       |
| Net Generator Capacity (MW)                  | 7.00       | 1.55 MW at full extraction, 2.05 MW at full condensing                |
| Energy Production:                           |            |                                                                       |
| Net Capacity Factor                          |            | 60% of time at full extraction, another 25% at full condensing        |
| Net Output in MWhrs                          | 52,554     |                                                                       |
| Annual Operating Expenses                    |            |                                                                       |
| Annual Fuel Cost                             |            |                                                                       |
| Fuel Required per Year (mmBtu)               | 845,875    | Net of steam-only scenario                                            |
| Initial year Fuel Price (\$/mmBtu)           | \$4.25     | 75% of fuel costs are pegged to CPI and 25% to diesel fuel index.     |
| Annual O&M (expensed)                        | 83,588     | Escalates at inflation.                                               |
| Site Maintenance                             | 0          | Escalates at inflation.                                               |
| General & Administrative                     | 5,000      | Escalates at inflation.                                               |
| Insurance                                    | 498,900    | Escalates at inflation.                                               |
| Land Lease                                   | 0          | Escalates at inflation.                                               |
| Other                                        | 0          | Escalates at inflation.                                               |
| Property Tax                                 |            |                                                                       |
| Project Hard Costs                           | 32,141,660 | Includes hard costs only (equipment and interconnection)              |
| Assessed Value (%)                           | 30.00%     | Machinery and equipment is not assessed.                              |
| Assessed Value (\$)                          | 9,642,498  |                                                                       |
| Annual Decline in Assessed Value             | 1.00%      |                                                                       |
| Assessed Value Minimum %                     | 0.00%      |                                                                       |
| Property Tax Rate                            | 3.50%      | Based on the range of commercial tax rates in Nova Scotia             |
| Revenue Assumptions                          |            |                                                                       |
| Base Year Energy Price (\$/MWh)              | 187.35     |                                                                       |
| % of Base Price Escalating @ Infl.           | 0.0%       |                                                                       |
| Other Revenues (increases with inflation)    | 0          |                                                                       |
| Return Metrics                               |            |                                                                       |
| 20-year Equity IRR                           |            |                                                                       |
| Pre-Tax                                      | 13.13%     |                                                                       |
| After-Tax                                    | 13.00%     |                                                                       |
| Average Debt Service Coverage Ratio          | 1.61       |                                                                       |
| Minimum Debt Service Coverage Ratio          | 1.39       |                                                                       |
| Minimum Annual After-Tax Equity Net Benefits | 191,659    | Includes tax benefit/(liability)                                      |
| Tax Rates:                                   |            |                                                                       |
| Federal Income Tax                           | 15.0%      |                                                                       |
| State/Provincial Income Tax                  |            |                                                                       |
| Tax Rate 1                                   |            |                                                                       |
| Applicable Income (less than X)              | 400,000    |                                                                       |
| Tax Rate 1                                   | 4.5%       |                                                                       |
| Tax Rate 2 (for income greater than X)       | 16.0%      |                                                                       |
| Major Maintenance                            |            |                                                                       |
| Replacement Occurs Every X Years             | 10         | Major Maintenance is funded through operations.                       |
| Cost of Replacement (Year 0 Dollars)         | 350,000    | Major Maintenance can not occur more frequently than every five years |
|                                              | 50% Double | Escalates at inflation.                                               |
| Tax Depreciation Classification of Spending  | Declining  |                                                                       |
| Book Depreciation Classification of Spending | 30-yr SL   |                                                                       |
| Residual Value                               |            |                                                                       |
| Residual Value (Net Book Value)              | 251,372    |                                                                       |
| Book Depreciation Classifications            |            |                                                                       |
| 20-yr SL                                     | 100.0%     |                                                                       |
| 30-yr SL                                     | 0.0%       |                                                                       |
| 37-yr SL                                     | 0.0%       |                                                                       |
| 40-yr SL                                     | 0.0%       |                                                                       |
| Non-Depreciable                              | 0.00%      |                                                                       |
| Total                                        | 100.0%     |                                                                       |
| Amount Allocated                             |            |                                                                       |
| 20-yr SL                                     | 38,748,456 |                                                                       |
| 30-yr SL                                     | 0          |                                                                       |
| 37-yr SL                                     | 0          |                                                                       |
| 40-yr SL                                     | 0          |                                                                       |
| Non-Depreciable                              | 0          |                                                                       |
| Total                                        | 38,748,456 |                                                                       |

Nova Scotia Utility & Review Board FIT Model

| Operating Year                                | 0      | 1           | 2           | 3          | 4          | 5          | 6          | 7          | 8          | 9          | 10         | 11         | 12         | 13         | 14         | 15         | 16         | 17         | 18         | 19         | 20         |           |
|-----------------------------------------------|--------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| Generation (MWh)                              |        | 52,554      | 52,554      | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     | 52,554     |           |
| Partial Income Statement                      |        |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Revenue                                       |        |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Standard Offer Price (\$/MWh)                 |        |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Fixed Price Component                         | 100%   | 187.35      | 187.35      | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     |           |
| Escalating Price Component                    | 0%     | 0.00        | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |           |
| Standard Offer Price                          |        | 187.35      | 187.35      | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     | 187.35     |           |
| Revenues From Energy Production               |        | 9,845,967   | 9,845,967   | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  | 9,845,967  |           |
| Other Revenues                                |        | 0           | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |           |
| Interest Revenue                              |        | 87,735      | 88,532      | 89,330     | 90,127     | 90,925     | 91,722     | 92,519     | 93,317     | 94,114     | 94,912     | 87,735     | 88,699     | 89,664     | 90,628     | 91,593     | 61,283     | 62,248     | 63,212     | 64,177     | 65,141     |           |
| Total Revenue                                 |        | 9,933,702   | 9,934,499   | 9,935,297  | 9,936,094  | 9,936,892  | 9,937,689  | 9,938,487  | 9,939,284  | 9,940,082  | 9,940,879  | 9,933,702  | 9,934,666  | 9,935,631  | 9,936,595  | 9,937,560  | 9,907,250  | 9,908,215  | 9,909,179  | 9,910,144  | 9,911,108  |           |
| Expenses                                      |        |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Fuel Cost                                     |        | -3,594,969  | -3,663,992  | -3,734,341 | -3,806,040 | -3,879,116 | -3,953,595 | -4,029,504 | -4,106,871 | -4,185,723 | -4,266,088 | -4,347,997 | -4,431,479 | -4,516,563 | -4,603,281 | -4,691,664 | -4,781,744 | -4,873,554 | -4,967,126 | -5,062,495 | -5,159,695 |           |
| O&M                                           |        | -83,588     | -85,193     | -86,828    | -88,496    | -90,195    | -91,926    | -93,691    | -95,490    | -97,324    | -99,192    | -101,097   | -103,038   | -105,016   | -107,032   | -109,087   | -111,182   | -113,317   | -115,492   | -117,710   | -119,970   |           |
| Site Maintenance                              |        | 0           | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |           |
| G&A                                           |        | -5,000      | -5,096      | -5,194     | -5,294     | -5,395     | -5,499     | -5,604     | -5,712     | -5,822     | -5,933     | -6,047     | -6,163     | -6,282     | -6,402     | -6,525     | -6,651     | -6,778     | -6,908     | -7,041     | -7,176     |           |
| Insurance                                     |        | -498,900    | -508,479    | -518,242   | -528,192   | -538,333   | -548,669   | -559,204   | -569,940   | -580,883   | -592,036   | -603,403   | -614,989   | -626,796   | -638,831   | -651,096   | -663,597   | -676,339   | -689,324   | -702,559   | -716,048   |           |
| Land Lease                                    |        | 0           | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |           |
| Other                                         |        | 0           | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |           |
| Property tax                                  |        | -337,487    | -334,113    | -330,738   | -327,363   | -323,988   | -320,613   | -317,238   | -313,863   | -310,488   | -307,114   | -303,739   | -300,364   | -296,989   | -293,614   | -290,239   | -286,864   | -283,489   | -280,115   | -276,740   | -273,365   |           |
| Total                                         |        | -4,519,944  | -4,596,872  | -4,675,342 | -4,755,384 | -4,837,027 | -4,920,303 | -5,005,242 | -5,091,877 | -5,180,239 | -5,270,364 | -5,362,283 | -5,456,033 | -5,551,647 | -5,649,161 | -5,748,613 | -5,850,039 | -5,953,477 | -6,058,966 | -6,166,545 | -6,276,254 |           |
| EBITDA                                        |        | 5,413,758   | 5,337,627   | 5,259,954  | 5,180,710  | 5,099,865  | 5,017,387  | 4,933,245  | 4,847,408  | 4,759,842  | 4,670,515  | 4,571,419  | 4,478,634  | 4,383,984  | 4,287,434  | 4,188,947  | 4,057,212  | 3,954,738  | 3,850,214  | 3,743,599  | 3,634,854  |           |
| Equity Return                                 |        |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Cash                                          |        |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| EBITDA                                        |        | 5,413,758   | 5,337,627   | 5,259,954  | 5,180,710  | 5,099,865  | 5,017,387  | 4,933,245  | 4,847,408  | 4,759,842  | 4,670,515  | 4,571,419  | 4,478,634  | 4,383,984  | 4,287,434  | 4,188,947  | 4,057,212  | 3,954,738  | 3,850,214  | 3,743,599  | 3,634,854  |           |
| Plus: Release of Debt Service Reserve         |        | 0           | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1,628,853  | 0          | 0          | 0          | 0          | 0          |           |
| Plus: Release of WC & Up-Front Maint Reserves |        | 0           | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2,940,664  |           |
| Plus: Release of Major Maintenance Reserves   |        | 0           | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 415,339    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 502,339    |           |
| Plus: Residual Value                          |        | 0           | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 251,372    |           |
| Less: Major Maintenance Spending              |        | 0           | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | -415,339   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | -502,339   |           |
| Less: Major Maintenance Reserve Funding       |        | -41,534     | -41,534     | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    |           |
| Less: Principal                               |        | -761,261    | -833,580    | -912,770   | -999,484   | -1,094,435 | -1,198,406 | -1,312,254 | -1,436,919 | -1,573,426 | -1,722,901 | -1,886,577 | -2,065,802 | -2,262,053 | -2,476,948 | -2,712,258 | -0         | -0         | -0         | -0         | -0         |           |
| Less: Interest                                |        | -2,208,662  | -2,136,342  | -2,057,152 | -1,970,439 | -1,875,488 | -1,771,517 | -1,657,668 | -1,533,004 | -1,396,497 | -1,247,021 | -1,083,346 | -904,121   | -707,870   | -492,975   | -257,665   | 0          | 0          | 0          | 0          | 0          |           |
| Total Cash                                    |        | 2,402,301   | 2,326,171   | 2,248,498  | 2,169,254  | 2,088,408  | 2,005,930  | 1,921,788  | 1,835,951  | 1,748,386  | 1,659,059  | 1,551,262  | 1,458,477  | 1,363,828  | 1,267,278  | 2,797,644  | 4,006,978  | 3,904,504  | 3,799,980  | 3,693,365  | 6,776,657  |           |
| Equity Investment                             |        | -15,499,382 |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Total Pre-Tax Equity Return                   |        | -15,499,382 | 2,402,301   | 2,326,171  | 2,248,498  | 2,169,254  | 2,088,408  | 2,005,930  | 1,921,788  | 1,835,951  | 1,748,386  | 1,659,059  | 1,551,262  | 1,458,477  | 1,363,828  | 1,267,278  | 2,797,644  | 4,006,978  | 3,904,504  | 3,799,980  | 3,693,365  | 6,776,657 |
| Pre-Tax Internal Rate of Return               | 13.13% |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Taxable Income Benefit/(Liability)            |        |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| EBITDA                                        |        | 5,413,758   | 5,337,627   | 5,259,954  | 5,180,710  | 5,099,865  | 5,017,387  | 4,933,245  | 4,847,408  | 4,759,842  | 4,670,515  | 4,571,419  | 4,478,634  | 4,383,984  | 4,287,434  | 4,188,947  | 4,057,212  | 3,954,738  | 3,850,214  | 3,743,599  | 3,634,854  |           |
| Less: Interest                                |        | -2,208,662  | -2,136,342  | -2,057,152 | -1,970,439 | -1,875,488 | -1,771,517 | -1,657,668 | -1,533,004 | -1,396,497 | -1,247,021 | -1,083,346 | -904,121   | -707,870   | -492,975   | -257,665   | 0          | 0          | 0          | 0          | 0          |           |
| Less: Tax Depreciation                        |        | -7,312,228  | -11,008,519 | -5,584,613 | -2,872,661 | -1,516,685 | -838,696   | -499,702   | -330,205   | -245,457   | -410,752   | -285,730   | -223,219   | -191,964   | -176,336   | -168,522   | -164,615   | -162,662   | -161,685   | -161,197   | -412,122   |           |
| Taxable Income/(Loss)                         |        | -4,107,132  | -7,807,234  | -2,381,811 | 337,611    | 1,707,692  | 2,407,173  | 2,775,874  | 2,984,198  | 3,117,889  | 3,012,742  | 3,202,343  | 3,351,294  | 3,484,151  | 3,618,124  | 3,762,760  | 3,892,597  | 3,792,076  | 3,688,529  | 3,582,403  | 3,222,732  |           |
| Tax Benefit/(Liability)                       |        |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| State/Provincial 1                            |        | 18,000      | 18,000      | 18,000     | -15,192    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    | -18,000    |           |
| State/Provincial 2                            |        | 593,141     | 1,185,157   | 317,090    | 0          | -209,231   | -321,148   | -380,140   | -413,472   | -434,862   | -418,039   | -448,375   | -472,207   | -493,464   | -514,900   | -538,042   | -558,815   | -542,732   | -526,165   | -509,184   | -451,637   |           |
| Federal                                       |        | 616,070     | 1,171,085   | 357,272    | -50,642    | -256,154   | -361,076   | -416,381   | -447,630   | -467,683   | -451,911   | -480,351   | -502,694   | -522,623   | -542,719   | -564,414   | -583,889   | -568,811   | -553,279   | -537,360   | -483,410   |           |
| Total Tax Benefit/(Liability)                 |        | 1,227,211   | 2,374,242   | 692,361    | -65,834    | -483,385   | -700,224   | -814,521   | -879,101   | -920,545   | -887,950   | -946,726   | -992,901   | -1,034,087 | -1,075,618 | -1,120,456 | -1,160,705 | -1,129,544 | -1,097,444 | -1,064,545 | -953,047   |           |
| Equity Investment                             |        | -15,499,382 |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Total After-Tax Equity Return                 |        | -15,499,382 | 3,629,512   | 4,700,413  | 2,940,859  | 2,103,420  | 1,605,024  | 1,305,706  | 1,107,267  | 956,850    | 827,840    | 771,109    | 604,536    | 465,576    | 329,741    | 191,659    | 1,677,188  | 2,846,273  | 2,774,961  | 2,702,536  | 2,628,821  | 5,823,610 |
| After-Tax Internal Rate of Return             | 13.00% |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Debt                                          |        |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| Loan Balance                                  |        | 23,249,074  | 22,487,813  | 21,654,233 | 20,741,462 | 19,741,979 | 18,647,544 | 17,449,138 | 16,136,884 | 14,699,965 | 13,126,539 | 11,403,638 | 9,517,061  | 7,451,259  | 5,189,206  | 2,712,258  | -0         | -0         | -0         | -0         | -0         |           |
| Interest                                      | 9.50%  | -21,299,765 | -2,208,662  | -2,136,342 | -2,057,152 | -1,970,439 | -1,875,488 | -1,771,517 | -1,657,668 | -1,533,004 | -1,396,497 | -1,247,021 | -1,083,346 | -904,121   | -707,870   | -492,975   | -257,665   | 0          | 0          | 0          | 0          |           |
| Principal                                     |        | -23,249,074 | -761,261    | -833,580   | -912,770   | -999,484   | -1,094,435 | -1,198,406 | -1,312,254 | -1,436,919 | -1,573,426 | -1,722,901 | -1,886,577 | -2,065,802 | -2,262,053 | -2,476,948 | -2,712,258 | -0         | -0         | -0         | -0         |           |
| Annual payment                                |        | -2,969,923  | -2,969,923  | -2,969,923 | -2,969,923 | -2,969,923 | -2,969,923 | -2,969,923 | -2,969,923 | -2,969,923 | -2,969,923 | -2,969,923 | -2,969,923 | -2,969,923 | -2,969,923 | -2,969,923 | -2,969,923 | 0          | 0          | 0          | 0          |           |
| Debt Service Coverage Ratio                   |        |             |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |
| EBITDA                                        |        | 5,413,758   | 5,337,627   | 5,259,954  | 5,180,710  | 5,099,865  | 5,017,387  | 4,933,245  | 4,847,408  | 4,759,842  | 4,670,515  | 4,571,419  | 4,478,634  | 4,383,984  | 4,287,434  | 4,188,947  | 0          | 0          | 0          | 0          | 0          |           |
| Less: Major Maintenance Reserve Funding       |        | -41,534     | -41,534     | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -41,534    | -50,234    | -50,234    | -50,234    | -50,234    | -50,234    | 0          | 0          | 0          | 0          | 0          |           |
| Cash Available for Debt Service               |        | 5,372,224   | 5,296,093   | 5,218,420  | 5,139,176  | 5,058,331  | 4,975,853  | 4,891,711  | 4,805,874  | 4,718,308  | 4,628,981  | 4,521,185  | 4,428,400  | 4,333,750  | 4,237,200  | 4,138,713  | 0          | 0          | 0          | 0          | 0          |           |
| P&I                                           |        | 2,969,923   | 2,969,923   | 2,96       |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |           |

Nova Scotia Utility & Review Board FIT Model

| Operating Year                                      | 0         | 1         | 2         | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        | 12        | 13        | 14        | 15         | 16        | 17        | 18        | 19        | 20         |
|-----------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|
| Debt Service Coverage Ratio                         |           | 1.81      | 1.78      | 1.76      | 1.73      | 1.70      | 1.68      | 1.65      | 1.62      | 1.59      | 1.56      | 1.52      | 1.49      | 1.46      | 1.43      | 1.39       |           |           |           |           |            |
| Average                                             | 1.61      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Minimum                                             | 1.39      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Reserve Accounts                                    |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Reserves Funded As Part of Capital Cost             |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Beginning Balance                                   | 0         | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517  | 2,940,664 | 2,940,664 | 2,940,664 | 2,940,664 | 2,940,664  |
| Up-Front Maintenance Reserve                        | 24,710    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | -24,710    |
| Working Capital                                     | 2,915,955 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | -2,915,955 |
| Debt Service Reserve                                | 1,628,853 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | -1,628,853 | 0         | 0         | 0         | 0         | 0          |
| Total                                               | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 4,569,517 | 2,940,664  | 2,940,664 | 2,940,664 | 2,940,664 | 2,940,664 | 0          |
| Major Maintenance Reserve Funded Through Operations |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Beginning Balance                                   | 0         | 41,534    | 83,068    | 124,602   | 166,136   | 207,670   | 249,203   | 290,737   | 332,271   | 373,805   |           | 0         | 50,234    | 100,468   | 150,702   | 200,936    | 251,170   | 301,403   | 351,637   | 401,871   | 452,105    |
| Funding                                             |           | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 50,234    | 50,234    | 50,234    | 50,234    | 50,234     | 50,234    | 50,234    | 50,234    | 50,234    | 50,234     |
| Release of Funds                                    |           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | -415,339  | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | -502,339   |
| Ending Balance                                      |           | 41,534    | 83,068    | 124,602   | 166,136   | 207,670   | 249,203   | 290,737   | 332,271   | 373,805   | 0         | 50,234    | 100,468   | 150,702   | 200,936   | 251,170    | 301,403   | 351,637   | 401,871   | 452,105   | 0          |
| Major Maintenance Costs                             |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Occurrence 1                                        | 415,339   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 415,339   | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0          |
| Occurrence 2                                        | 502,339   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 502,339    |
| Occurrence 3                                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0          |
| Occurrence 4                                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0          |
| Major Maintenance Funding                           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Occurrence 1                                        | 415,339   | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 41,534    | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0          |
| Occurrence 2                                        | 502,339   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 50,234    | 50,234    | 50,234    | 50,234    | 50,234     | 50,234    | 50,234    | 50,234    | 50,234    | 50,234     |
| Occurrence 3                                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0          |
| Occurrence 4                                        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0          |
| Interest on Reserves                                |           | 87,735    | 88,532    | 89,330    | 90,127    | 90,925    | 91,722    | 92,519    | 93,317    | 94,114    | 94,912    | 87,735    | 88,699    | 89,664    | 90,628    | 91,593     | 61,283    | 62,248    | 63,212    | 64,177    | 65,141     |
| Property Tax Calculation                            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |           |           |           |           |            |
| Original Assessed Value                             | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498  | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498 | 9,642,498  |
| Annual Decline in Assessed Value                    | 100.0%    | 99.0%     | 98.0%     | 97.0%     | 96.0%     | 95.0%     | 94.0%     | 93.0%     | 92.0%     | 91.0%     | 90.0%     | 89.0%     | 88.0%     | 87.0%     | 86.0%     | 85.0%      | 84.0%     | 83.0%     | 82.0%     | 81.0%     |            |
| Annual Assessed Value                               | 9,642,498 | 9,546,073 | 9,449,648 | 9,353,223 | 9,256,798 | 9,160,373 | 9,063,948 | 8,967,523 | 8,871,098 | 8,774,673 | 8,678,248 | 8,581,823 | 8,485,398 | 8,388,973 | 8,292,548 | 8,196,123  | 8,099,698 | 8,003,273 | 7,906,848 | 7,810,423 |            |
| Property Tax Rate                                   | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%     | 3.50%      | 3.50%     | 3.50%     | 3.50%     | 3.50%     |            |
| Property Tax Expense                                | 337,487   | 334,113   | 330,738   | 327,363   | 323,988   | 320,613   | 317,238   | 313,863   | 310,488   | 307,114   | 303,739   | 300,364   | 296,989   | 293,614   | 290,239   | 286,864    | 283,489   | 280,115   | 276,740   | 273,365   |            |

## Nova Scotia Utility & Review Board FIT Model

| Operating Year                                     | 0                    | 1                   | 2          | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        | 12        | 13        | 14        | 15        | 16        | 17        | 18        | 19        | 20        |
|----------------------------------------------------|----------------------|---------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Calendar Year                                      | 2010                 | 2011                | 2012       | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      | 2025      | 2026      | 2027      | 2028      | 2029      | 2030      |
| Tax Depreciation                                   |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Calendar Year Depreciation per Classification (%)  |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 30% Double Declining                               |                      | 30.00%              | 21.00%     | 14.70%    | 10.29%    | 7.20%     | 5.04%     | 3.53%     | 2.47%     | 1.73%     | 1.21%     | 0.85%     | 0.59%     | 0.42%     | 0.29%     | 0.20%     | 0.14%     | 0.10%     | 0.07%     | 0.05%     | 0.03%     |
| 50% Double Declining                               |                      | 50.00%              | 25.00%     | 12.50%    | 6.25%     | 3.13%     | 1.56%     | 0.78%     | 0.39%     | 0.20%     | 0.10%     | 0.05%     | 0.02%     | 0.01%     | 0.01%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     |
| 20-yr SL                                           |                      | 2.50%               | 5.00%      | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     |
| 40-yr SL                                           |                      | 1.25%               | 2.50%      | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     |
| Other                                              |                      | 0.00%               | 0.00%      | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     |
| Calendar Year Depreciation per Classification (\$) |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Year One Capital Cost Allocation                   | 7,231,874            | 7,231,874           | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 30% Double Declining                               | 0                    | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 50% Double Declining                               | 21,695,621           | 0                   | 10,847,810 | 5,423,905 | 2,711,953 | 1,355,976 | 677,988   | 338,994   | 169,497   | 84,749    | 42,374    | 21,187    | 10,594    | 5,297     | 2,648     | 1,324     | 662       | 331       | 166       | 83        | 41        |
| 20-yr SL                                           | 3,214,166            | 80,354              | 160,708    | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   | 160,708   |
| 40-yr SL                                           | 0                    | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Other                                              | 0                    | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Major Maintenance                                  |                      | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 207,670   | 103,835   | 51,917    | 25,959    | 12,979    | 6,490     | 3,245     | 1,622     | 811       | 406       | 251,372   |
| Annual Depreciation                                | 32,727,570           | 7,312,228           | 11,008,519 | 5,584,613 | 2,872,661 | 1,516,685 | 838,696   | 499,702   | 330,205   | 245,457   | 410,752   | 285,730   | 223,219   | 191,964   | 176,336   | 168,522   | 164,615   | 162,662   | 161,685   | 161,197   | 412,122   |
| Major Maintenance                                  |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Timing of Spending                                 |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Occurrence 1                                       |                      | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 2         | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        |
| Occurrence 2                                       |                      | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| Occurrence 3                                       |                      | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Occurrence 4                                       |                      | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Depreciation Classification                        | 50% Double Declining |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Year                                               | 0                    | 1                   | 2          | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        | 12        | 13        | 14        | 15        | 16        | 17        | 18        | 19        | 20        |
| Depreciation Schedule                              | 0.00%                | 50.00%              | 25.00%     | 12.50%    | 6.25%     | 3.13%     | 1.56%     | 0.78%     | 0.39%     | 0.20%     | 0.10%     | 0.05%     | 0.02%     | 0.01%     | 0.01%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     | 0.00%     |
| Depreciation Expense                               |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|                                                    | Expense              | Depreciation Amount |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Occurrence 1                                       | 415,339              | 415,136             | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 207,670   | 103,835   | 51,917    | 25,959    | 12,979    | 6,490     | 3,245     | 1,622     | 811       | 406       | 203       |
| Occurrence 2                                       | 502,339              | 251,170             | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 251,170   |
| Occurrence 3                                       | 0                    | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Occurrence 4                                       | 0                    | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Book Depreciation                                  |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Calendar Year Depreciation per Classification (%)  |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 20-yr SL                                           |                      | 5.00%               | 5.00%      | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     | 5.00%     |
| 30-yr SL                                           |                      | 3.33%               | 3.33%      | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     |
| 37-yr SL                                           |                      | 2.70%               | 2.70%      | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     | 2.70%     |
| 40-yr SL                                           |                      | 2.50%               | 2.50%      | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     | 2.50%     |
| Calendar Year Depreciation per Classification (\$) |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 20-yr SL                                           | 38,748,456           | 1,937,423           | 1,937,423  | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 |
| 30-yr SL                                           | 0                    | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 37-yr SL                                           | 0                    | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 40-yr SL                                           | 0                    | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Major Maintenance                                  |                      | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 207,670   | 103,835   | 51,917    | 25,959    | 12,979    | 6,490     | 3,245     | 1,622     | 811       | 406       | 251,372   |
| Annual Depreciation                                | 39,414,762           | 1,937,423           | 1,937,423  | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 1,937,423 | 2,145,092 | 2,041,258 | 1,989,340 | 1,963,381 | 1,950,402 | 1,943,912 | 1,940,668 | 1,939,045 | 1,938,234 | 1,937,828 | 2,188,795 |
| Major Maintenance                                  |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Timing of Spending                                 |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Occurrence 1                                       |                      | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 2         | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        |
| Occurrence 2                                       |                      | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         |
| Occurrence 3                                       |                      | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Occurrence 4                                       |                      | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Depreciation Classification                        | 30-yr SL             |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Year                                               | 0                    | 1                   | 2          | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        | 12        | 13        | 14        | 15        | 16        | 17        | 18        | 19        | 20        |
| Depreciation Schedule                              | 0.00%                | 3.33%               | 3.33%      | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     | 3.33%     |
| Depreciation Expense                               |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|                                                    | Expense              | Depreciation Amount |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Occurrence 1                                       | 415,339              | 415,136             | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 207,670   | 103,835   | 51,917    | 25,959    | 12,979    | 6,490     | 3,245     | 1,622     | 811       | 406       | 203       |
| Occurrence 2                                       | 502,339              | 251,170             | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 251,170   |
| Occurrence 3                                       | 0                    | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Occurrence 4                                       | 0                    | 0                   | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Net Book Value                                     |                      |                     |            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |

|                         |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Beginning Balance       | 0          | 36,811,033 | 34,873,610 | 32,936,188 | 30,998,765 | 29,061,342 | 27,123,919 | 25,186,496 | 23,249,074 | 21,311,651 | 19,581,898 | 17,540,640 | 15,551,300 | 13,587,918 | 11,637,516 | 9,693,604  | 7,752,936  | 5,813,891  | 3,875,657  | 1,937,828  |
| Original Book Value     | 38,748,456 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| Plus: Major Maintenance | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 415,339    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 502,339    |
| Less: Depreciation      | -1,937,423 | -1,937,423 | -1,937,423 | -1,937,423 | -1,937,423 | -1,937,423 | -1,937,423 | -1,937,423 | -1,937,423 | -2,145,092 | -2,041,258 | -1,989,340 | -1,963,381 | -1,950,402 | -1,943,912 | -1,940,668 | -1,939,045 | -1,938,234 | -1,937,828 | -2,188,795 |
| Net Book Value          | 36,811,033 | 34,873,610 | 32,936,188 | 30,998,765 | 29,061,342 | 27,123,919 | 25,186,496 | 23,249,074 | 21,311,651 | 19,581,898 | 17,540,640 | 15,551,300 | 13,587,918 | 11,637,516 | 9,693,604  | 7,752,936  | 5,813,891  | 3,875,657  | 1,937,828  | 251,372    |

| Component                                   | Value for Steam-Only<br>Scenario | Gross Value for CHP<br>Scenario | Net Value for CHP<br>Scenario |
|---------------------------------------------|----------------------------------|---------------------------------|-------------------------------|
| Project development                         | \$0                              | \$275,000                       | \$275,000                     |
| Boiler installed cost (\$)                  | \$20,298,000                     | \$36,818,000                    | <b>\$32,031,660</b>           |
| Turbine installed cost (\$)                 | \$0                              | \$0                             | \$0                           |
| Emission controls                           | \$0                              | \$0                             | \$0                           |
| Condenser/Cooling Tower                     | \$0                              | \$0                             | \$0                           |
| Equipment and Installation (\$)             | \$20,298,000                     | \$36,818,000                    | \$32,031,660                  |
| Interconnection (\$)                        | \$0                              | \$110,000                       | \$110,000                     |
| Maintenance reserve (\$)                    | \$37,790                         | \$62,500                        | \$24,710                      |
| Working capital reserve (\$)                | \$0                              | \$2,915,955                     | \$2,915,955                   |
| Debt service reserve (\$)                   | \$1,669,080                      | \$3,297,933                     | \$1,628,853                   |
| Debt Closing Costs & Fees                   | \$857,184                        | \$1,693,709                     | \$836,525                     |
| Equity Closing Costs & Fees                 | \$377,161                        | \$745,232                       | \$368,071                     |
| Interest During Construction                | \$571,456                        | \$1,129,139                     | \$557,683                     |
| Routine O&M (\$/yr)                         | \$91,412                         | \$125,000                       | \$33,588                      |
| New Labor for CHP                           | \$0                              | \$50,000                        | \$50,000                      |
| General & Admin.                            | \$10,000                         | \$15,000                        | \$5,000                       |
| Insurance                                   | \$608,940                        | \$1,107,840                     | \$498,900                     |
| Property taxes                              | \$213,129                        | \$387,744                       |                               |
| Year-10 Turbine overhaul (\$)               | \$0                              | \$150,000                       | \$150,000                     |
| Year-10 Boiler overhaul (\$)                | \$0                              | \$200,000                       | \$200,000                     |
| Annual Fuel Use (mmBtu/yr)                  | 129,731                          | 975,606                         | 845,875                       |
| Annual Fuel Cost (\$/yr)                    | \$551,357                        | \$4,146,326                     | \$3,594,969                   |
| Plant capacity factor (%) - extract         | 85%                              | 85%                             | 85%                           |
| Plant capacity factor (%) - full condensing |                                  |                                 | 0%                            |
| NPV of new boiler(\$2M) in yr 10            |                                  |                                 |                               |
| Steam Load (mmBtu/hr)                       | 12.943                           | 89.56                           | 22                            |
| Boiler size (lb/hr)                         | 50,000                           | 100,000                         |                               |
| Boiler rating (psi)                         | 150                              | 600                             |                               |
| Turbine type                                | N/A                              | Condensing                      |                               |
| Turbine size (MW)                           | N/A                              | 7.00                            |                               |

|                                 |              |              |
|---------------------------------|--------------|--------------|
| Loan value for calculations:    | \$14,286,403 | \$28,228,481 |
| Equity amount for calculations: | \$9,429,026  | \$18,630,797 |

|                       |              |              |              |
|-----------------------|--------------|--------------|--------------|
| Actual Loan Value:    | \$14,286,403 | \$28,228,481 | \$23,249,074 |
| Actual Equity Amount: | \$9,524,269  | \$18,818,987 | \$15,499,382 |