

RENEWABLE ENERGY OFFSET PROGRAM (REOP)

PROJECT WORKSHEET AND CALCULATIONS

Building Permit *00-11*

Address *123 Your Street*

Snowmelt Area Proposed *1500*

Exemptions:

1. 200SF single family or 50SF multi-family = **200** SF
2. Driveway exceeding 8 % slope = **300** SF
3. Replacing Boiler = \$400.00 credit per 1% of increased efficiency. *N/A*

Exempt Area Allowed (total of exemptions)= **500** SF

Net Area **1000** X (multiplier)* divided by (boiler efficiency) = **37,778**
\$34.00 **.90**

Total Fee for Snowmelt= \$37,778.00

Total Annual Energy Use (AEU) = Net Area (multiplied by) 81,800 BTU = **81,800,000**

Solar Hot Water Mitigation (Offset) **

Total Fee X 50% (divided by) \$125.00 = **152** Square Feet of Solar Panels
(required)

Solar Photo-voltaic (PV) Mitigation (Offset) **

Total Fee X 50% (divided by) \$6.25 = **3023** Total in watts of PV Panels
(required)

*** Multiplier for snowmelt is \$34.00 per square foot.**

**** For a combination of fees and offsets see Building Official.**