



REOP Worksheet

Address of Property:

REOP Calculation Information

Exterior Energy Uses and Fees:

System Type	REOP Mitigation Factor
Snowmelt	\$34.00 / SF
Swimming Pool	\$136.00 / SF
Spa	\$176.00 / SF
Heated Garage	\$8.00 / SF

Offset Opportunities:

Renewable Energy System	Allowed Credit
Solar Hot Water	\$125.00 / SF
Photo-voltaic	\$6.25 / watt
Ground Source Heat Pump (GSHP) – system must supply 20% of peak load for building heating and all exterior energy use)	\$6.75 / 100,000 BTU / Year
Micro-Hydro Generation	Case Specific
Wind Generation	Case Specific
Replacement of Existing Boiler	\$400.00 / 1% of Increased Efficiency

REOP Exemptions:

1. Single family dwelling garage aprons are allowed an exemption of 200 square feet.
2. Single family driveways exceeding 8% slope (specific case review)
3. Commercial multi-dwelling occupancies are allowed a snowmelt exemption of 50 square feet per dwelling
4. Commercial and residential spas not more than 64 square feet in surface area or 3 square feet per dwelling unit, whichever is greater
5. Pre-existing systems. Pre-existing snowmelt, pools or spas that are being altered or renovated qualify for exterior energy credit. The credit can only be applied towards an installation of exterior energy on the same parcel.
6. Repairs to building components, systems or equipment which do not increase pre-existing energy consumption. All replacement equipment shall be subject to current code provisions.



**REOP Calculations
(completed by applicant)**

Snowmelt Exemptions:

- 1. 200 SF single family or 50 SF multi-family _____ SF
- 2. Driveway exceeding 8% slope _____ SF
- 3. Replacing Boiler - \$400.00 credit per 1% of increased efficiency

Total Area of Exemption _____ SF

REOP System Calculation:

If a system is not applicable to your project, leave the section blank.

REOP System	Net Area (in SF)	Multiplier	Total Fee in Lieu (in \$)
Snowmelt (area not included in exemptions)		\$34.00 / SF	
Swimming Pool		\$136.00 / SF	
Spa		\$176.00 / SF	
Heated Garage		\$8.00 / SF	
Total			
Boiler Efficiency			
Divide total by boiler efficiency for overall REOP Total Fee			

Total Annual Energy Use (AEU) Calculation:

Net Area x 81,800 BTU = _____

Offset Opportunities:

Solar Hot Water Mitigation

REOP Total Fee _____ x 50% / \$125.00 = _____ SF of Solar Panels

Solar Photo-voltaic (PV) Mitigation

REOP Total Fee _____ x 50% / \$6.25 = _____ Total in Watts

REOP calculations and exemptions will be verified at the time of building permit review.

An application for appeal of the Chief Building Official's final decision shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted or the provisions of this code do not fully apply. The applicant may, under these circumstances, appeal to the Building Department Board of Appeals for a hearing.