CPRG IMPLEMENTATION GRANTS COMPETITION

COVER PAGE FOR APPLICATION

APPLICANT INFORMATION

Organization: **Keweenaw Bay Indian Community**

Primary Contact Name: **Dione Price, Environmental Health Manager**

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TYPE OF APPLICATION: **Individual Applicant**

FUNDING REQUESTED: **$43,055,451**

APPLICATION TITLE: **KBIC Climate Pollution Reduction Grant**

BRIEF DESCRIPTION OF GHG MEASURES:

**GHG will be reduced through energy generation of microgrids and rooftop residential solar and the reduction of consumption by both government and residential buildings. In addition, there will be charging stations constructed, EV purchased, and carbon sequestration through planting trees.**

SECTORS: **Power, Commercial & Residential Buildings, Transportation, Forestry**

EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS

For all proposed measures combined, provide the estimated cumulative GHG reductions: Estimated cumulative GHG reductions for 2025-2030 (in metric tons): **6,798 MT CO2 equivalents**

Estimated cumulative GHG reductions from 2025-2050 (in metric tons): **135,568 MT CO2 equivalents**

LOCATIONS: **L’Anse & Baraga, MI, Keweenaw Bay Indian Community**

APPLICABLE PRIORITY CLIMATE ACTION PLAN(S) (PCAP) ON WHICH MEASURES ARE BASED PCAP Lead Organization(s):

PCAP Title(s): **Keweenaw Bay Indian Community Priority Climate Action Plan**

PCAP Website link(s) (if applicable): [Keweenaw Bay Indian Community Priority Climate Action Plan (epa.gov)](https://www.epa.gov/system/files/documents/2024-03/kbic-pcap.pdf)

List of GHG reduction measures and PCAP page reference for each measure:

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|  | **Reduction Measure** | **Page #** |
| **1** | **Energy Sector-Install 2-300 kW Solar PV Microgrid- NRD Complex, Police/Pines** | **18-20** |
| **2** | **Energy Sector-Install 4kw w storage Residential homes** | **20-21** |
| **3** | **Building Sector-Weatherize Govt. Buildings** | **21** |
| **4** | **Building Sector-Weatherize Residential Buildings** | **21-22** |
| **5** | **Building Sector-Energy Star Appliances** | **22-23** |
| **6** | **Building Sector-Electrifying heat equipment** | **23** |
| **7** | **Building Sector-Utility formation & Code development** | **24** |
| **8** | **Building Sector-Electrifying heat equipment** | **25-25** |
| **9** | **Transportation Sector-Replace Fleet with 10 EV + 5 charging station** | **25** |
| **10** | **Forestry Sector Measures** | **26** |