

MTERA Priority Climate Action Plan: Priority GHG Reduction Measures

GOAL	STRATEGY	REDUCTION MEASURE
REDUCE EMISSIONS FROM ENERGY GENERATION	Renewable Energy Development (Without Storage)	Install residential single-family renewables (PV, geothermal, wind)
		Install multifamily facility-scale renewables (PV, geothermal, wind)
		Install commercial facility-scale renewables (PV, geothermal, wind)
		Implement community-scale renewables.
		Implement utility-scale renewables
	Energy Resilience (PV + Storage)	Install building-level solar & storage
		Develop clean energy microgrids
REDUCE ENERGY CONSUMPTION FROM BUILDINGS (COMMERCIAL & RESIDENTIAL).	Building Retrofits & Energy Conservation Measures	Electrify heating equipment.
		Install low-flow fixtures for homes & residences
		Install high-efficiency appliances
		Install weatherization - insulation & weatherstripping
		Retrofit interior lighting to LEDs
		Install smart thermostats
	New Building Standards	Adopt green building standards for major renovations
REDUCE EMISSIONS FROM VEHICLES	Mode-shift	Increase transit service
		Influence ride sharing
		Develop active transport network
	Zero Emissions Single-occupancy vehicles	Electrify SOV vehicles & provide charging infrastructure / hydrogen fuel cells
	Low or Zero Emissions Bus Fleet	Convert bus fleet to electricity, hydrogen, or lower-emission fuels
ENVIRONMENTAL MANAGEMENT & PLANNING TECHNIQUES	Land Use	Sequester carbon through plants
		Develop green infrastructure
		Implement responsible development & zoning policies

The Priority Greenhouse Gas Reduction Measures stated on this list will be included in the Priority Climate Action Plan (PCAP) that MTERA intends to submit to **support Tribal eligibility for both the General competition and Tribes & Territories competition.** Through the CPRG Implementation Grants (both competitions), **all EPA Region 5 Tribes can apply for funds to implement projects associated with MTERA PCAP measures** detailed in the column titled 'Reduction Measure' on this document.

Emissions Breakdown by Sector

This diagram provides a breakdown of total greenhouse gas emissions by sector and is intended to provide a general understanding of which sectors are responsible for greater emissions to support project selection for grants such as CPRG.

The numbers provided in this diagram are based on the aggregate data provided by the eight Tribes who participated in the MTERA Planning Grant; while these numbers may be indicative of the aggregate emissions profile of Midwest Tribes, these numbers **should not be considered directly representative of an individual Tribes' emissions profile.**

