U.S. Department of Energy Historic Preservation Worksheet Applicable in the Following Circumstances:

- Recipient without a DOE-executed historic preservation programmatic agreement requesting review of activities on homes or buildings forty-five (45) years or older; or
- Recipient or subrecipient with or without a DOE-executed historic preservation programmatic agreement, requesting review of activities on tribal homes or tribal buildings that are forty-five (45) years or older.

The above circumstances are subject to review by the DOE and may require consultation in accordance with Section 106 of the National Historic Preservation Act with the State Historic Preservation Office (SHPO) or the Tribal Historic Preservation Officer (THPO), as applicable. Consultation with the SHPO or THPO, if determined appropriate by DOE, can take thirty (30) days for review once complete information is received by the SHPO or THPO. Additional information may be requested based on the level of detail provided in this form, by DOE and/or the SHPO or THPO.

INSTRUCTIONS: Complete steps #1-#18 below. Steps #19 and #20 require you to insert <u>high quality</u> photos into this document.

When completed, submit the form to your Project Officer. Use "Historic Preservation Review Request" as the subject line.

#1 NEPA Control Number from NEPA		GFO-WAP-ALRD-2023A			
determination (See Award documents):					
#2 Energy	#3 Street Address:	#4 City:	#5 County:	#6 State:	#7 Zip Code:
Auditor:					
Larry Smith	8333 Colony Ave	Pinedale	Navajo	Navajo Nation	85934
			County	(AZ)	
#8 Name of	#9 Name of THPO,	#10 Contact info. for		#11 Name of	#12 Contact
Tribe, if	if applicable	THPO, if applicable		Tribal	info. for Tribal
applicable				Representative,	Representative,
				if applicable	if applicable
Navajo Nation	Richard Jones	929-871-7198	ext. 7138	Enter name	Click here to
		PO Box 4950	Window		enter text.
		Rock, AZ 865	15		

#13	If a Tribe is involved, is Tribe a prime recipient, subrecipient, or benefactor of DOE funding? Subrecipient		
#14	Year built (indicate if you are	#15 If home is in a rural area, provide Global Positioning	
	estimating the year built): 1966	System (GPS) coordinates or description of location: N 34	
		30772 W 110 25129	

#16	Type of activity	
	Example:	Description of how and where activity will occur.
	Installation of 6 kW ground mounted	For each activity, describe the method of the repair,
	photovoltaic (PV) system in backyard	replacement or installation, the location of the activity (e.g.,
	of home.	attic, walls, foundation), and any required modifications to
	or	the dwelling and or its components associated with the
	Installation and replacement of	activity. If activity requires ground disturbance, describe the
	existing hot water heaters with heat	current condition/use of ground, and the dimensions/depth of
	pump water heaters or on demand hot	disturbance for the activity.
	water heaters	The second Demonstrative Heat With result (DHW) is used a small second
	☐ Install new Heat Pump Water	The current Domestic Hot Water unit (DHW) is not operable and has been replaced at least once before. Work will take
	Heater (HPWH)	place in the current DHW location (back of home, NW
		corner, interior). Installation of the new HPWH does not
		involve new disturbance to the structure and will utilize the
		existing plumbing connections.
	☐ Air seal around plumbing fixtures	Plumbing under the sink in the bathroom and kitchen both
	1 2	offer good air-sealing potential. Seal with 1-part foam and/or
		caulking as appropriate based on crack size, local code, and
		aesthetics. Measure installation only seals holes where
		plumbing passes through walls and does not substantially
		disturb the structure.
	☐ Air seal around doors and	Front door requires new seal and sweep. Seal any gaps
	windows and wall junctions	surrounding accessible framing (blower door indicated
		bedroom window surround is leaky). Seal wall junctions with caulking or repair large holes with appropriate materials
		(e.g., drywall, mesh and mud).
	☐ Air seal attic penetrations and	Dam attic hatch and dam/box heat-producing items
	prep for insulation	penetrating the ceiling. Seal with 1-part foam and/or
	prop 101 1110 mm.	caulking as appropriate. Measures prevent insulation contact
		with heat-producing items and access points, they do not
		affect the structure in a permanent way. Seal flue stack with
		metal and appropriate heat-resistant sealant per Standard
		Work Specifications. Move aside insulation and seal
		plumbing penetrations with 1-part foam. Seal bypasses with
		appropriate blocking material and 1-part foam. Measure
		installation only seals penetrations and is not visible outside of the attic.
		All individual measures in this section take place in the attic.
		Measures are not visible from the living space or the exterior
		of the structure.
	☐ Add ceiling/attic insulation	Blow in loose-fill fiber insulation through attic hatch to R-38
	<i>G</i> ····	(currently at R-19). Measure is not visible from the living
		area or exterior of the building.
	☐ Insulate and seal attic hatch	Install foam gasket surrounding hatch opening. Back the
		hatch with 8" of blueboard to bring R-value in line with post-
		weatherization attic. Measure is not visible from the living
		area or exterior of the building.

☐ Add wall insulation	Access wall cavities from the exterior by drilling and patch
	to match cladding. Dense pack with cellulose insulation to
	field guide standards. Measure does affect the structure
	(patches will be partially visible) - discernable from the
	exterior of the building.
☐ Install low-flow water devices	Install low-flow aerators on kitchen faucet and bathroom
	faucet. Install low-flow showerhead in bath. Showerhead
	will be visible, though current showerhead is not part of the
	original structure.
☐ Install exhaust ventilation	Locate in the bathroom. Vent through the attic and out the
	roof with vent matching shingle color to blend as much as
	possible. Measure will be visible from the interior (fan in
	bathroom plus separate switch next to light switch) and from
	the exterior (vent protruding on roof approximately
	6"x6"x6"). This measure is necessary for the health and
	safety of the occupant and durability of the structure.
☐ Clean and tune primary heating	Measure does not require any installations or modifications
unit	to structure.
#17 List all improvements completed (by	Wood stove has been added in the last 10 years and
current and past owners) to the dwelling	combustion air vent added. Several windows have been
and/or its components prior to WAP	replaced as well as 1 exterior door (front). Roofing appears
services (e.g., additions, change to original	to have been partially replaced (patched, date unknown).
siding, replacement of original windows and	Satellite dish added. Plumbing fixtures in the bathroom have
doors):	been replaced (date unknown). Various light fixtures on the
	interior have been replaced (date unknown). Paint and carpet
	do not look original.
#18 Any additional comments:	Click here to enter text.

#19 Photo(s) of the exterior of the home and/or area for ground disturbance, as applicable from all viewpoints (front, back, and sides). Place photos in cells below (to insert a photo, click on the icon within the photo box). #20 Photo(s) of the interior of the home, in rooms where weatherization activities would occur, as applicable. Place photos in cells below (to insert a photo, click on the icon within the photo box).





Thank you for providing this information and submitting it to your Project Officer. If you have any questions or concerns, please contact your Project Officer.