

US EPA ARCHIVE DOCUMENT



Energy Conservation Funding for Small Communities

Upgrading a facility can be a problem when you don't know about funding solutions. Financial assistance provided by federal, State, and private source can make efficiency affordable and practical. There are programs designed to help small facilities upgrade and improve their wastewater treatment systems.

Federal

The federal government provides grants to small wastewater facilities through the following agencies:

U.S. Department of Agriculture Rural Utilities Service;
U.S. Department of Commerce Public Works and Economic Development Grants;
U.S. Department of Housing and Urban Development (HUD) State Community Development Block Grants (CDBG) Program for Non-entitlement Areas;
USDAs Rural Utilities Service grant and loan information can be found by contacting the state personnel.

The following federal programs provide grants to small wastewater facilities:

DOE Tribal Energy Program: www.eere.energy.gov/tribalenergy
North American Development Bank: www.nadb.org
DOC Economic Development Grants: www.eda.gov/AboutEDA/Programs.xml
HUD State Community Development Block Grants: http://www.hud.gov/offices/cpd/community_development/programs/stateadmin/
USDA Rural Utility Service Contact for Arizona: www.usda.gov/rus/water/states/az.htm
USDA Rural Utility Service Contact for California: www.usda.gov/rus/water/states/ca.htm
USDA Rural Utility Service Contact for Hawaii: www.usda.gov/rus/water/states/hi.htm
USDA Rural Utility Service Contact for Nevada: www.usda.gov/rus/water/states/nv.htm
Federal Funding Courses for Small Communities: www.epa.gov/OW-OWM.html/mab/smcomm/eparev.htm
Federal Tribal Resource Directory: www.epa.gov/OW-OWM.html/mab/indian/tribal-complete.pdf

Private Funding

Rural Community Assistance Corporation: www.rcac.org

Arizona

AZ Rural Water Infrastructure Committee One Stop Financing: <http://rwic.az.gov/funding.asp>
AZ Southwest Energy Efficiency Project: <http://www.swenergy.org/programs/utilities/index.html>
AZ Salt River Project Powerwise Business Solutions Rebate Program: www.srpnet.com/energy/powerwise/business/standardrebate.aspx

California

CA Small Community Wastewater Grant Program: http://www.swrcb.ca.gov/water_issues/programs/grants_loans/small_community_wastewater_grant/index.shtml
CA Center for Sustainable Energy Self Generation Incentive Program and Border Programs: <http://energycenter.org/>

Energy efficiency options for small communities.



NTUA Shiprock WWTP
Patrick Antonio, Navajo Nation EPA

- Energy efficient pumps and motors
- Variable frequency drives
- Energy efficient lighting
- Energy efficient heat, air conditioning and ventilation systems
- Solar panels
- Wind turbines

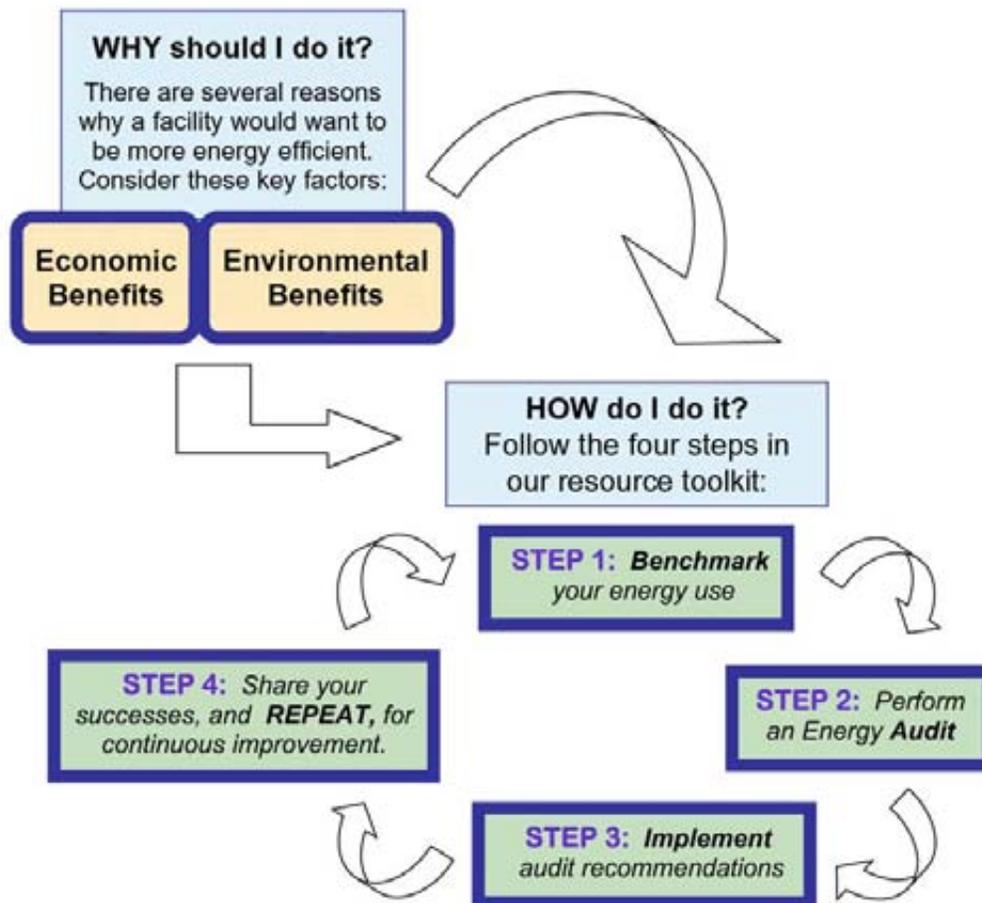


NTUA Window Rock Screw Pumps
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Also, small communities can improve control of inflow and infiltration and promote energy and water conservation among its customers.

Region 9's Sustainable Water Infrastructure office provides technical support and financial resources to increase water and energy efficiency in water, wastewater, and stormwater infrastructure throughout Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations. On our website, you can learn about the various ways drinking water and waste water facilities can save money, water and energy, and, by doing so, reduce greenhouse gas emissions.

<http://www.epa.gov/region09/waterinfrastructure/index.html>



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