Potential benefits of investing in solar energy



Resiliency

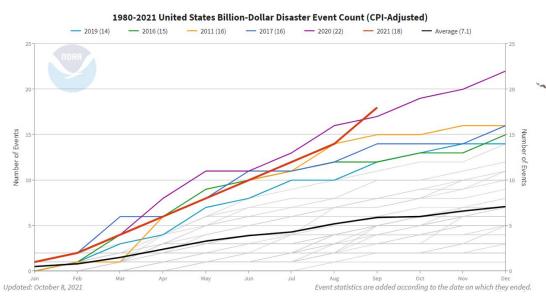


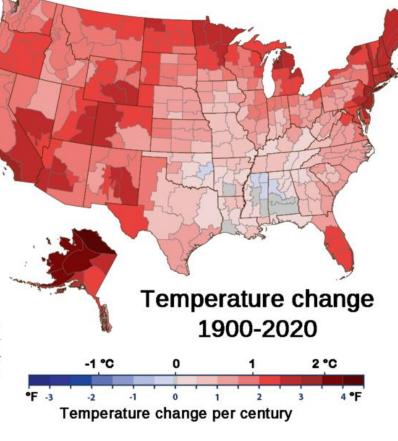
oto courtesy of Tony Webste





Climate Goals





Source: USEPA

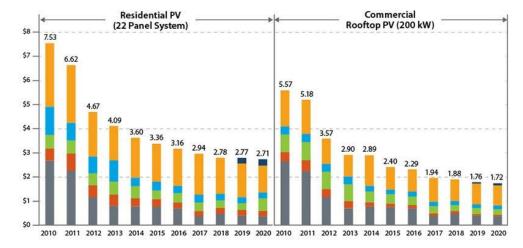


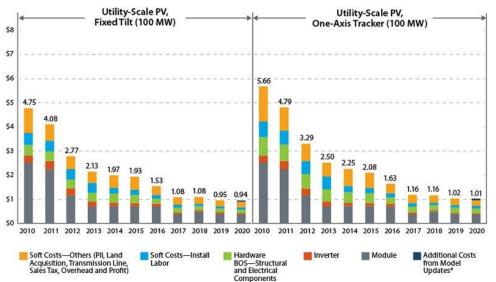


Cost Savings

Solar Installed System Cost Analysis

Source: National Renewable Energy Laboratory







Leading by example



Photo courtesy of Chicago Tribune

Butterfield Elementary School, Suburban Chicago

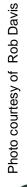


Dual use











Energy Audit First!



Low output sprinklers

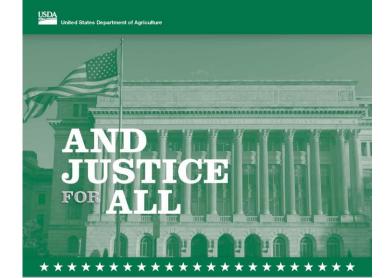


LED lights in barn at Wing Dairy, Barry County, MI





MSU is an affirmative-action, equal-opportunity employer. Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, sex, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status.



accordance with Federal law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, this institution is prohibited from discriminating on the basis of race. color, national origin, sex, age, disability, and reprisal or retaliation for prior civil rights activity. (Not all prohibited bases apply to all

Program information may be made available in languages other than English. Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, and American Sign Language) should contact the responsible State or local Agency that administers the program or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339

To file a program discrimination complaint, a complainant should complete a Form AD 3027, USDA Program Discrimination Complaint Form, which can be obtained online, from any USDA office, by calling (866) 632-9992, or by writing a letter addressed to USDA. The letter must contain the complainant's name. address, telephone number, and a written description of the alleged discriminatory action in sufficient detail to inform the Assistant Secretary for Civil Rights (ASCR) about the nature and date of an alleged civil rights violation. The completed AD-3027 form or letter must be submitted to USDA by:

U.S. Department of Agriculture Office of the Assistant Secretary for Civil Rights 1400 Independence Avenue, SW Washington, D.C. 20250-9410; or

(833) 256-1665 or (202) 690-7442:

program.intake@usda.gov. Form AD 475 A - Assisted Poster/ Bestord July 2010

This institution is an equal opportunity provider.

onforme a la ley federal y las políticas y regulaciones de _ derechos civiles del Departamento de Agricultura de los Estados Unidos (USDA), esta institución tiene prohibido discriminar por motivos de raza, color, origen nacional, sexo, edad, discapacidad, venganza o represalia por actividades realizadas en el pasado relacionadas con los derechos civiles (no todos los principios de prohibición aplican a todos los programas).

La información del programa puede estar disponible en otros idiomas además del inglés. Las personas con discapacidades que requieran medios de comunicación alternativos para obtener información sobre el programa (por ejemplo, Braille, letra agrandada, grabación de audio y lenguaje de señas americano) deben comunicarse con la agencia estatal o local responsable que administra el programa o con el TARGET Center del USDA al (202) 720-2600 (voz y TTY) o comunicarse con el USDA a través del Servicio Federal de Transmisión de Información al (800) 877-8339.

Para presentar una que ja por discriminación en el programa, el reclamante debe completar un formulario AD 3027, Formulario de queja por discriminación del programa del USDA, que se puede obtener en linea, en cualquier oficina del USDA, llamando al (866) 632-9992. o escribiendo una carta dirigida al USDA. La carta debe contener el nombre, la dirección y el número de teléfono del reclamante, y una descripción escrita de la supuesta acción discriminatoria con suficiente detalle para informar al Subsecretario de Derechos Civiles (ASCR, por sus siglas en inglés) sobre la naturaleza y la fecha de la presunta violación de los derechos civiles. La carta o el formulario AD-3027 completado debe enviarse al USDA por medio de:

correo postal: U.S. Department of Agriculture

Office of the Assistant Secretary for Civil Rights 1400 Independence Avenue, SW Washington, D.C. 20250-9410; o'

(833) 256-1665 o' (202) 690-7442; correo electrónico: program.intake@usda.gov.

Esta institución ofrece igualdad de oportunidades.







M. Charles Gould Extension Bioenergy Educator Michigan State University Extension

12220 Fillmore St., Suite 122 West Olive, MI 49460 (616) 834-2812 | gouldm@msu.edu

Michigan State University Bioenergy http://bioenergy.msu.edu/ MSU Extension www.msue.msu.edu/