

Collaborate with Other Faiths and Governmental Agencies on Conservation and Sustainability Efforts

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Course Description

This presentation will describe the Archdiocese of Chicago's energy conservation efforts and collaboration with other religious organizations, non-for-profit entities, local utility companies and local municipalities, which was born out of a separate municipal mandated ordinance issue. What started out as a coalition to overturn this mandated ordinance, has now turned into the Collaborative Energy and Conservation team which is headed by the City of Chicago. The City of Chicago has now become a partner with the Archdiocese of Chicago, instead of just an authority that hands out mandates.

Learning Objectives

At the end of the this course, participants will be able to:

- Identify energy efficiency and water conservation programs in their area, by referencing the Conference for Catholic Facility Management (“CCFM”), Chicago Sustainability Interfaith Partnership (“CSIP”) and other online resources.
- Understand the benefits of partnering with governmental agencies such as the United States Environmental Protection Agency (“EPA”), by using Portfolio Manager and other online tools.
- Identify areas where building or system improvement is necessary, by referencing the CCFM, EPA, CSIP and other online resources.
- Research other conservation initiatives and programs in their area, and connect with Catholic and interfaith organizations who have implemented conservation programs, by referencing the CCFM’s website and other online resources.



Common Goals

City of Chicago Energy Benchmarking Ordinance

“In September 2013, Mayor Emanuel and Chicago’s City Council adopted a building energy benchmarking ordinance to raise awareness of energy performance through information and transparency, with the goal of unlocking energy and cost savings opportunities for businesses and residents.

Chicago's Building Energy Use Benchmarking Ordinance ... calls on existing municipal, commercial, and residential buildings larger than 50,000 square feet to track whole-building energy use, report to the City annually, and verify data accuracy every three years.”

<http://www.cityofchicago.org/city/en/progs/env/building-energy-benchmarking---transparency.html>

The Archdiocese of Chicago owns approximately 40 buildings that must report energy usage beginning in 2015 per the ordinance and approximately 170 parishes in the City of Chicago.

There are approximately 4,500 not-for-profit organizations (NFPs) in Chicago, many of which are religious congregations.

New Chicago City Fees in 2012

The 2012 Chicago City Budget removed the exemption from many City fees for not-for-profit organizations. Some examples of fees that NFPs are now responsible for are:

- Driveway Permit Fee
- Building Registration Fee
- Vacant Building Fee
- Building Inspection Fee
- Building Permit Fee
- Sprinkler Plan and Inspection Fees
- Garbage pickup

Chicago Water Fee Exemption

In addition to the previous fees, the 2012 Chicago City Budget removed the water fee exemption that had previously been in place for qualified NFPs.

The Archdiocese of Chicago and other religious denominations formed the Interfaith Coalition to Restore the Water Fee Exemption for Religious Institutions (the IC).

A partnership was formed between the IC, the City of Chicago City Council (Aldermen) and the City of Chicago Department of Water Management (the DWM).

Chicago Water Fee Exemption

The IC was successful in reinstating the water fee exemption effective as of January 1, 2013.

To qualify for the water fee exemption, NFPs must:

- Ensure their water accounts are metered;
- Complete and submit an exemption application to the City;
- Implement a water conservation plan.

The IC invited Chicago NFPs to 4 workshops in 2013 at different locations in Chicago at which they could complete the paperwork necessary for the water fee exemption and find out more about the water conservation requirement.



Conservation

Chicago Sustainability Interfaith Partnership

In 2013 the Archdiocese of Chicago founded the Chicago Sustainability Interfaith Partnership (CSIP) whose members include:

- Archdiocese of Chicago Real Estate and Facilities & Construction Depts.
- City of Chicago Mayor's Office
 - Deputy Sustainability Officer
 - ComEd Smart Grid Manager
- City of Chicago Department of Water Management
- ComEd
- People's Gas
- USEPA
 - Energy Star
 - WaterSense
- Elevate Energy
- Faith in Place

CSIP is endorsed by the Council of Religious Leaders of Metropolitan Chicago

Chicago Sustainability Interfaith Partnership

CSIP's mission is to help the interfaith community in the Chicagoland area implement existing energy and water conservation and rebate programs and to identify areas where opportunities for new programs might exist.

Existing programs include:

- Gas and electric
- Water
- Energy Star
- Benchmarking in Portfolio Manager
- Other
 - Solar
 - SmartGrid
 - Rain gardens and gardens
 - Rain barrels

Chicago Sustainability Interfaith Partnership

CSIP partners each have different goals that together create a comprehensive conservation program for NFPs.

CSIP will meet its goals by:

- Completing building and system assessments;
- Helping NFPs implement programs;
- Helping NFPs track energy and water usage using Portfolio Manager;
- Identifying other areas of concern;
- Following up with NFPs as qualifications change or new programs become available;
- Acting as a conservation resource and continue to build a partnership for the interfaith community.

Chicago Sustainability Interfaith Partnership

- Targeted approach to NFP conservation using a list of high energy and water users compiled by our partners.
- Programs include a residential component for pastors to share with their congregations.
- Members are heavily involved in community outreach.

The background image shows the facade of a Gothic cathedral, likely St. Peter's Basilica in New York City. It features a prominent rose window with intricate tracery, a balcony with statues, and a lower balcony with three flags: the United States flag, the flag of the Republic of Argentina, and the flag of the Republic of Cuba. The image is faded and serves as a background for the text.

Partnership

ENERGY STAR for Congregations

- EPA shares the faith community's mission of concern and action for human health and the ecosystems that support life by caring for creation.
- EPA's ENERGY STAR supports CCFM's mission to "*contribute to the effectiveness and strength of our Church by providing professional training, continuing education, networking, and advocating the highest standards of work and professionalism for all members*" through:
 - ENERGY STAR tools, training, tech support and national recognition for excellence.
 - Accurate quantification of energy/ water/harmful emissions baselines and performance tracking.



ENERGY STAR for Congregations

Most worship facilities can save 25-30% on energy costs – to reinvest in mission

Free tools and tech support at www.energystar.gov/congregations

Quarterly e-newsletter

Action Workbook for Congregations at www.energystar.gov/congregations

No-cost, low-cost “Sure Energy Savers”

Success stories

National certification and recognition

Training and informational webinars at www.energystar.gov/buildings/training

ENERGY STAR qualified products, specs and calculators at www.energystar.gov/products

Join at www.energystar.gov/JoinBuildings



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- 70,000+ password protected accounts now tracking 400,000 facilities
- **Assess and track your whole building performance:**
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 - Costs
 - Emissions threatening to human health
- Track changes over time
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- Share data, if you choose
- www.energystar.gov/BuildingsHelp
- www.energystar.gov/Benchmark



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Portfolio Manager Help



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Sign up for a session or view a recording on a wide variety of topics.



[Search the Knowledge Base](#)
Browse or search our Frequently Asked Questions.



[Ask a Question](#)
Send a question or comment to our staff.



[Check the Glossary](#)
Look up terms used throughout Portfolio Manager.



[Web Service Documentation](#)
If you exchange data via web services, check out the documentation or get email updates.

Don't forget, we're out there with you! Network with us and other folks who are using Portfolio Manager.



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Technical References

Are you into the math of it all? Learn more about how Portfolio Manager calculates metrics.

[Source Energy](#)

[Greenhouse Gas Emissions](#)

[ENERGY STAR Scale](#)

For more information on specific property types, like office and school, visit the [ENERGY STAR website](#). These are available in English only.

[National Median Values](#)

[Accounting for Climate & Weather](#)

[Thermal Conversion Factors](#)

Get [more documentation on the ENERGY STAR website](#).

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UI Report (As of 8/3/2013, 6:50:25 PM EDT)

Use Intensity (EUI) is a unit of measurement that describes a building's energy use relative to its size. "Source energy" is the total uei that is required to operate the building. In addition to what the building consumes on-site, source energy includes losses that take generation, transmission, and distribution of the energy, thereby enabling a complete [More...](#)

[the Source EUI](#)

Portfolio Average Source EUI

Change in Average Source EUI

Current Average Source EUI

Baseline Average Source EUI

Properties Included: 4

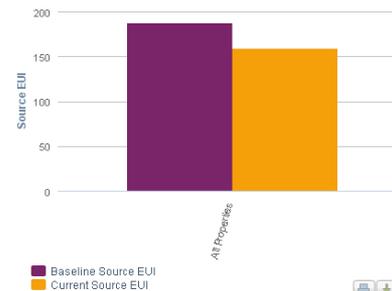
Your Properties Compared to the National Median Source EUI



■ Source EUI Equal to or Below the Median
■ Source EUI Above the Median

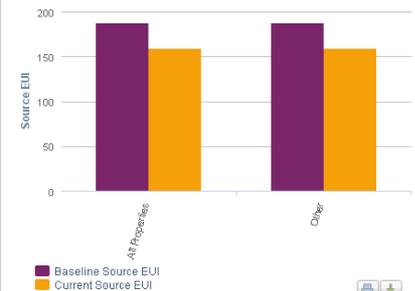
Source EUI by Group

[Select Groups](#)



Source EUI by Property Type

[Select Types](#)



Private, secure: only account holder accesses data, but can choose to share

Easy navigation

Data entry "wizards," accuracy checks

Your site data; not state/national averages

Set goals and track progress

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ENERGY STAR Action Workbook for Congregations

ENERGY STAR® certified buildings use 35 % less energy and emit 35 % fewer harmful emissions than average buildings.

Step 1: Make a Commitment to Saving Energy – Help your Archdiocese or parish become an ENERGY STAR partner at www.energystar.gov/JoinBuildings. No obligations, reporting or deadlines, just free, objective info and tech support.

Step 2: Assess Performance- Benchmark your building's energy (and water) performance using the Portfolio Manager® tool.

Step 3: Set Goals - Evaluate priorities and set goals. Portfolio Manager can be your platform for goal-setting.

Step 4: Create an Action Plan- Use Portfolio Manager tool and the “Sure Energy Savers” in the *Action Workbook for Congregations*.

Step 4: Implement the Action Plan – Find available rebates and project finance. Send tech questions to ENERGY STAR. Communicate your goals and plan.

Step 6: Evaluate Progress – Track and verify savings, report progress to your parish and Archdiocese.

Step 7: Recognize Achievements – Recognize facility managers and all who contribute to successful projects. Leverage your savings into more savings. Consider ENERGY STAR certification.



EPA's WaterSense

Set your water/wastewater baseline in Portfolio Manager and track savings

Learn more at www.epa.gov/watersense/commercial

What can I do?: Hot and Cold Water Checklist	
Task	 when Completed
Conduct a water assessment to identify major water uses within the property	
Find and fix leaks	
Use water-saving faucets, showerheads, toilets, and urinals	
Insulate water heaters	
Buy the most efficient model possible when purchasing a new water heater	
Set water temperature only as hot as needed	
Optimize the amount of water used in heating and cooling systems	
Practice water-efficient landscaping	





Team up. Take the challenge.

Participate in the 2015 ENERGY STAR® Battle of the Buildings: Team Challenge!

You're invited to save energy, water, and money with the U.S. Environmental Protection Agency's **2015 ENERGY STAR National Building Competition**. Compete as a team for even greater savings! Can't field a team? That's okay! Your building can still compete individually. EPA will recognize the teams and buildings with the greatest energy and water savings.

Mark Your Calendar

Register between January 1, 2015, and May 31, 2015.

Earn Recognition

- Top Teams
- Top Buildings
- Top Buildings by Type
- 20% Team Reduction
- 20% Building Reduction

For details and answers to frequently asked questions, visit www.energystar.gov/BattleoftheBuildings.



ENERGY STAR

This concludes The American Institute of Architects Continuing Education Systems Course



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