



ICCCFO

David Husemoller,
IGEN, Executive Director

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www.igenc.org





Since 2008 ...

- ▶ Collaboration among community colleges to drive the growth of clean energy and green workforce
- ▶ Formed by intergovernmental agreements among all Illinois community colleges, with support of DCEO, Governor's Office and ICCB
- ▶ Over \$30 million in grant-funded initiatives, programs and projects at Illinois community colleges
- ▶ Provides grant funding, technical support, networking connections, curriculum development
- ▶ 35 out of 39 districts active members



Presidents' Steering Committee

- ▶ Dr. Keith Cornille, Heartland, Administrative Agent, Chair
- ▶ Dr. Michael Boyd, KCC, Vice Chair
- ▶ Dr. Clyne Namuo, JJC, Fiscal Agent
- ▶ Dr. Josh Bullock, Lake Land
- ▶ Dr. Ken Trzaska, Lewis and Clark
- ▶ Dr. Brian Durham, ICCB, ex officio

IGEN Staff

- ▶ David Husemoller, Executive Director
- ▶ Rob Hilgenbrink, Financial Advisor/Treasurer
- ▶ Tim Gibson, Program Coordinator
- ▶ Brad McCormick, Program Coordinator



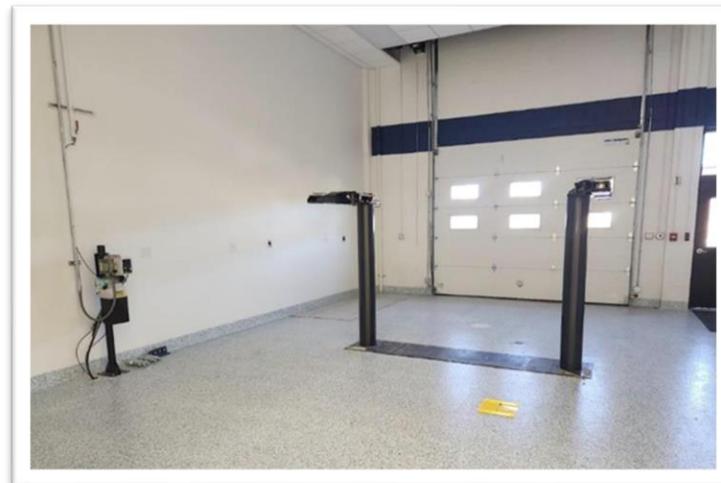
In FY24:

- ▶ Over \$1 million allocated to 14 community colleges
- ▶ Competitive award projects ranging from
 - ▶ \$16,000 for solar charging table for students
 - ▶ \$200,000 for converting lighting to LED fixtures
- ▶ General Membership
 - ▶ \$3,000 dues →
 - ▶ \$5,000 to project funding
- ▶ Membership with Lead Status
 - ▶ \$10,000 dues →
 - ▶ \$5,000 project
 - ▶ \$10,000 salary reimbursement

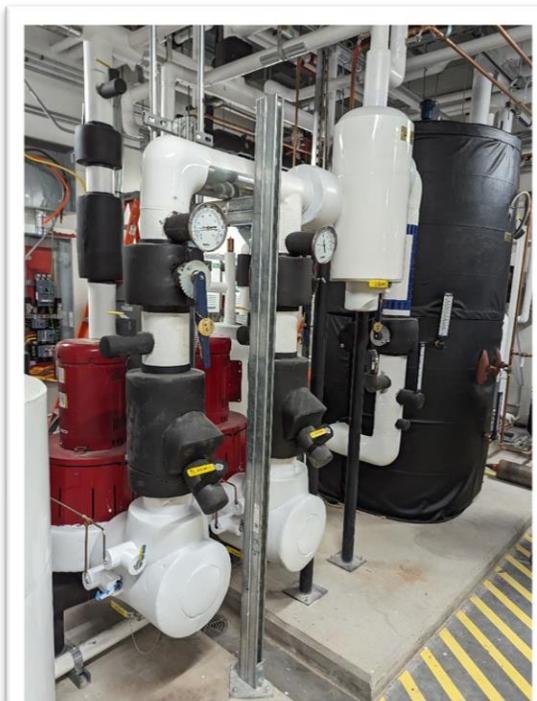
Recently Funded Projects



HVAC Professor Jonathan Daugherty with a geothermal unit – an air conditioner that runs on underground water.



IGEN Annual Conference Heartland Community College - April 2024





Looking Ahead ...

Capital project assistance

- ▶ Energy Efficiency
- ▶ Funding the difference to choose high efficiency or renewable resource systems
- ▶ Identifying additional funding resources for increased efficiency

Multi Year construction projects

- ▶ Contingent on availability of funding from sources
- ▶ Funding for stage of construction anticipated in that FY
- ▶ Possible expansion across more than one year of funding

Smart Energy Design Assistance Center (SEDAC) - University of Illinois

Activities funded through IGEN

- ▶ Educational webinars tailored to Illinois community colleges
- ▶ Information resource documents
 - ▶ Electrical calculations for lighting upgrades
 - ▶ Layering of financial incentives
- ▶ Technical assistance on project level
- ▶ Comprehensive building energy assessment
 - ▶ Identify best ways to save energy and costs
 - ▶ Find rebates and incentives



Technical Assistance:

For colleges looking to improve energy efficiency, reduce operational costs, and move toward net zero

- ▶ Joliet Junior College - Investigate high gas use following retro-commissioning
- ▶ Shawnee - New HVAC building automation system and lighting support
- ▶ Kaskaskia - New Gymnasium design assistance

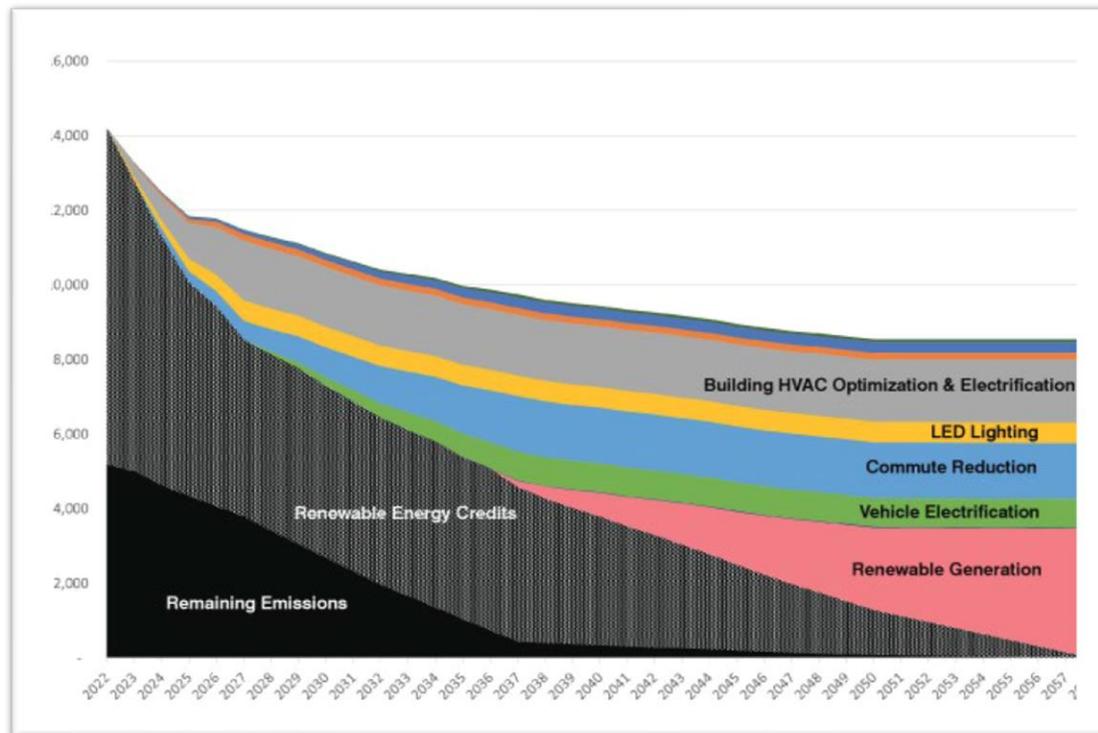


Net Zero Planning:

Analysis of existing emissions

Develop strategies to reduce energy waste and emissions

Provide phased approach to implement reductions



Thank you!

David Husemoller

David.husemoller@igenc.org

