



IGEN and Funding Capital Projects for Energy Efficiency

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ICCCFO

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IGEN - Illinois Green Economy Network

- ▶ **2012** - Final acceptance of IGA by all 39 community college boards of trustees
- ▶ **Mission:** Promote collaboration among all Illinois community colleges and their partners to drive the growth of the green workforce and the clean energy economy.
- ▶ **Vision:** Ensure that the Illinois community college system serves as a leader in transforming education and the economy for a sustainable future.





IGEN Membership

► Full Membership

→ Pay \$10,000 Dues

← Receive \$15,000 in Membership Project Funding and Salary Offset

← Eligible to apply for Competitive Project Funding, up to \$200,000

← Eligible for Energy Efficiency assessment

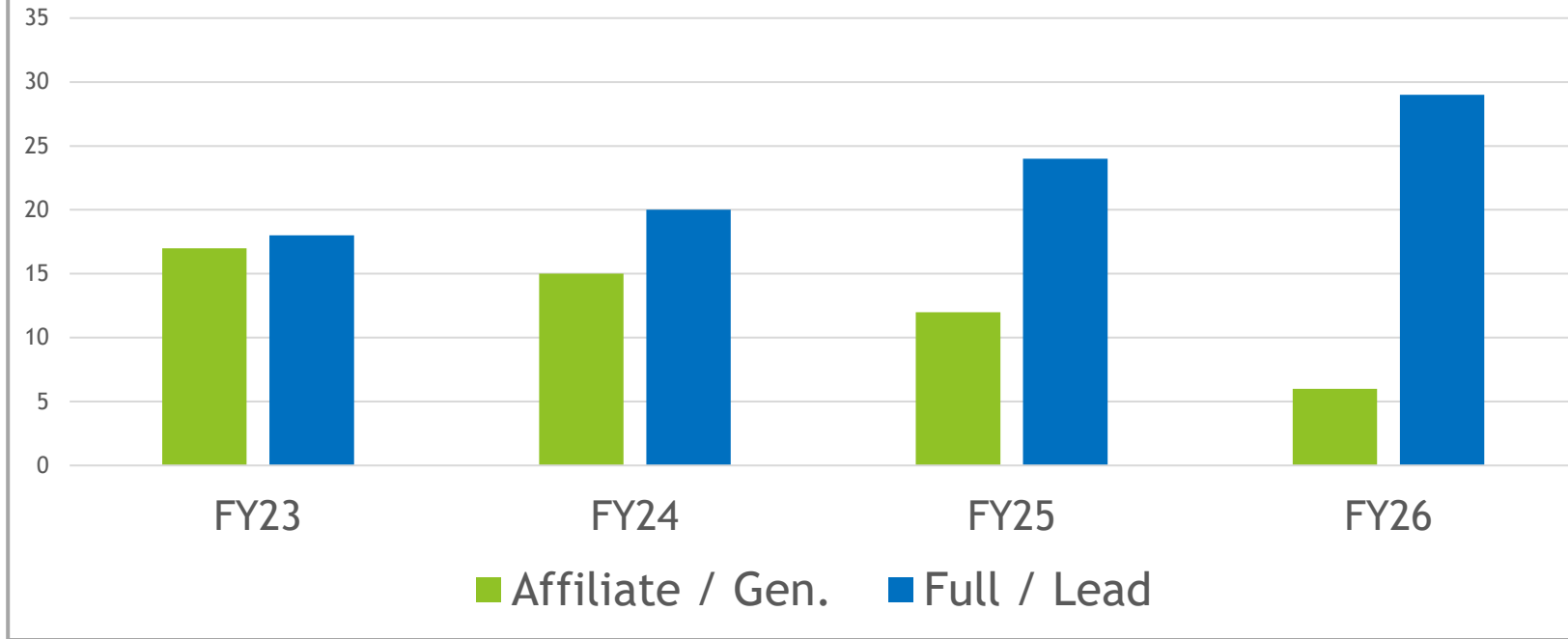
► Affiliate Membership

→ \$3,000 Dues

← Receive \$5,000 for funding a Membership Project



IGEN Membership Tracking



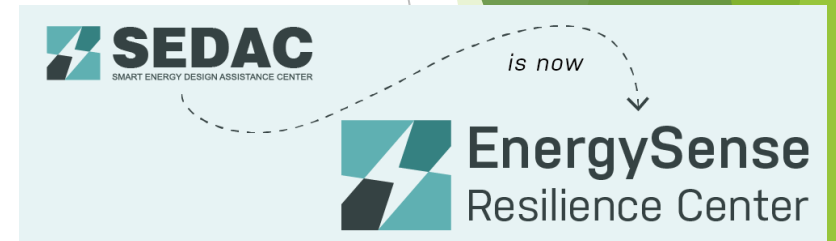
	FY23	FY24	FY25	FY26
Affiliate / Gen.	17	15	12	6
Full / Lead	18	20	24	29



IGEN - Assistance to Community Colleges

Technical Assistance through the EnergySense Resilience Center (U of I)

- ▶ TA for a unique building or system
 - ▶ Drafty building section, older HVAC system
 - ▶ Spoon River, Shawnee & SWIC
- ▶ Full Energy Assessment
 - ▶ More complex systems
 - ▶ JJC reported 7-8% savings in electricity and gas usage
 - ▶ Kaskaskia & Morton
- ▶ 2-3 Workshops a year
- ▶ Written resource guides - eg. Stackable Funding Resources



EBECC - Energy Benchmarking at CCs

Technical Assistance on steroids:

- ▶ 2-Year Program - Launched this week!
- ▶ 5 Colleges enrolled
- ▶ Energy Management Teams - Interdisciplinary
- ▶ Full Campus assessment with EnergySense
- ▶ ~4 Electrical or Gas Submeters
- ▶ Training on Energy Star Portfolio Manager
- ▶ \$20,000 in staff salary offsets
- ▶ >\$180,000 in project funding



IGEN - Assistance to Community Colleges

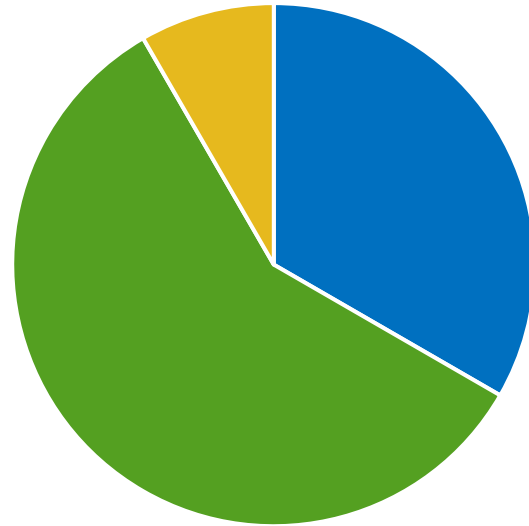
Financial Assistance through the Illinois Renewable Energy Resources Trust Fund (via IEPA)

- ▶ South Suburban, Shawnee, Rend Lake, Lake Land, and John A. Logan
- ▶ Demand controlled ventilation, Building automation optimization, Lighting upgrades
- ▶ Minisplit for data center, Building envelope
- ▶ Building envelop improvements - new windows & curtain walls
- ▶ Location of solar PV and/or solar shading

**** Priority** for funding projects recommended by EnergySense



FY26 Competitive Project Awards



■ CD ■ EE ■ RE

	Number	Subtotals
Curriculum Development	4	\$318,746
Energy Efficiency	7	\$556,137
Renewable Energy	1	\$200,000



Examples of Energy Efficiency

- ▶ High efficiency HVAC systems
- ▶ Heat pump water heater
- ▶ Window replacements
- ▶ Swimming pool covers

Examples of Renewable Energy

- ▶ Solar PV for campus or separate buildings
- ▶ Solar PV for walkway or parking lighting
- ▶ Ground-source heat pump

IGEN value ...

- ▶ Growing returns on dues investment
- ▶ Growing energy efficiency
- ▶ Growing savings on operational budget \$
- ▶ Growing sustainability at community colleges!



Thank you!



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