



**The Inflation Reduction Act: One Year Later**

Presented by  
Jacob Goldman, Energy Tax Savers

October 19, 2023




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### Webinar Procedures

- All attendees are on mute
- Submit questions in Questions tab at any time
- The webinar is being recorded
- Please take the after-class survey!



Click this arrow if you don't see the GoTo toolbar. It might be on your other screen, if you have 2 monitors!

A couple different ways it might look to ask questions

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### Upcoming Events

Course	Day	Time
Electrification and Energy Management Systems	Thu Nov 09	10:00am-noon
Lighting Retrofits and Audits	November TK!	

More to come in November & December!  
Stay up-to-date at [LightingDesignLab.com](https://LightingDesignLab.com) and by [subscribing to our newsletter](#).

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## Inflation Reduction Act (IRA)

JACOB GOLDMAN, VP, ENERGY TAX SAVERS, INC.

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## Index

- > IRA enhanced Alternative Energy Credits(\$48 ITC)
- > \$48E starts in 2025
- > 5-yr MACRS and Bonus Depreciation
- > Time Value of Money
- > IRA Enhanced \$179D
- > Prevailing Wage & Apprenticeship



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## Energy Tax Incentives in the IRA

SEC 1302. EXTENSION AND MODIFICATION OF CREDIT FOR ELECTRICITY PRODUCED FROM CERTAIN RENEWABLE RESOURCES - Section 45	SEC 1340. CLEAN VEHICLE CREDIT - Section 305
SEC 1302. EXTENSION AND MODIFICATION OF ENERGY CREDIT - Section 48	SEC 1340. CREDIT FOR PREVIOUSLY OWNED CLEAN VEHICLES - Section 306
SEC 1302. INCREASE IN ENERGY CREDIT FOR SOLAR AND WIND FACILITIES PLACED IN SERVICE IN CONNECTION WITH HIGH-RISE COMMUNITIES - Section 48	SEC 1340. QUALIFIED COMMERCIAL CLEAN VEHICLES - Section 45W
SEC 1302A. EXTENSION AND MODIFICATION OF CREDIT FOR CARBON DIOXIDE SEQUESTRATION - Section 45D	SEC 1340A. ALTERNATIVE FUEL REQUIRING PROPERTY CREDIT - Section 307
SEC 1302B. ZERO-EMISSION NUCLEAR POWER PRODUCTION CREDIT - Section 45J	SEC 1302. EXTENSION OF THE ADVANCED ENERGY PROJECT CREDIT - Section 48E
SEC 1302. EXTENSION OF INCENTIVES FOR BIODIESEL, RENEWABLE DIESEL AND ALTERNATIVE FUELS PRODUCTION - Section 45K	SEC 1302. ADVANCED MANUFACTURING PRODUCTION CREDIT - Section 45A
SEC 1302C. EXTENSION OF SECOND GENERATION BIOFUEL INCENTIVES - Section 40	SEC 1302. CLEAN ELECTRICITY PRODUCTION CREDIT - Section 45F
SEC 1302. SUSTAINABLE AVIATION FUEL CREDIT - Section 40B	SEC 1370. CLEAN ELECTRICITY INVESTMENT CREDIT - Section 48E
SEC 1304. CLEAN HYDROGEN - Section 45V	SEC 1370A. COST RECOVERY FOR QUALIFIED FACILITIES, QUALIFIED PROPERTY, AND ENERGY STORAGE TECHNOLOGY - Section 48J(4)(B)(ii)
SEC 1302. EXTENSION, INCREASE, AND MODIFICATIONS OF NONBUSINESS ENERGY PROPERTY CREDIT - Section 25C	SEC 1304. CLEAN FUEL PRODUCTION CREDIT - Section 402
SEC 1302. RESIDENTIAL CLEAN ENERGY CREDIT - Section 25D	SEC 1401. DIRECT PAYMENT FOR ENERGY PROPERTY AND ELECTRICITY PRODUCED FROM CERTAIN RENEWABLE RESOURCES, ETC.
SEC 1302. ENERGY EFFICIENT COMMERCIAL BUILDINGS REDEMPTION - Section 179D	SEC 442. ELECTIVE PAYMENT OF APPLICABLE CREDITS
SEC 1304. EXTENSION, INCREASE, AND MODIFICATIONS OF NEW ENERGY EFFICIENT HOME CREDIT - Section 45L	SEC 442A. TRANSFER OF CERTAIN CREDITS

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## EPAct 179D Updates (Inflation Reduction Act of 2022)

**Changes go into effect on 1/1/2023**

**Includes buildings owned by not-for-profits, instrumentalities, and Indian Tribal Governments**

- Deduction can be taken by designers of these buildings

**New deduction levels to replace current levels**

- \$2.50-\$5.00 per square foot for projects meeting prevailing wage and apprenticeship labor requirements
- \$0.50-\$1.00 per square foot if prevailing wage requirements not met
- Overall building energy efficiency must be 25%-50% more efficient than standard to get the above levels (sliding scale)
- No more individual system deductions (lighting/HVAC/envelope) → entire building must qualify

**Two Methods for Taking EPAct 179D Deduction**

- Energy model the entire building (building energy usage compared to ASHRAE 90.1)
- RETROFITs: can elect 'energy use intensity' reduction study (building energy usage compared to prior state of building)

**Deduction Reset**

- Commercial buildings – every 3 years
- Government & Tax Exempt buildings – every 4 years

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## Increased 179D Deduction Levels Effective 1/1/2023

Building Square Footage	Minimum Deduction Level (\$2.50 Per Square Foot)	Maximum Deduction Level (\$5.00 Per Square Foot)
50,000	\$ 125,000	\$ 250,000
100,000	\$ 250,000	\$ 500,000
250,000	\$ 625,000	\$ 1,250,000
500,000	\$ 1,250,000	\$ 2,500,000
1,000,000	\$ 2,500,000	\$ 5,000,000

\*For projects meeting prevailing wage and apprenticeship standards

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## EPAct 179D Deduction for Designers of Tax-Exempt Entities

**Government Buildings:**

- Federal
  - o Offices, military bases, courthouses, post office, labs
- State
  - o Offices, transportation facilities, state universities, courthouses
- County, City, Town, Village etc.
  - o Offices, K-12 public schools, town halls, police, fire, libraries, municipal parking garages

**Not-for-Profits**

- Hospitals, religious institutions, private schools and universities, etc.

**Tribal Government**

- Police/Fire, Community Centers, Casinos, etc.

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## Prevailing Wage Requirement For Larger 179D Deduction Level (\$2.50-5.00)

- **Prevailing wages can be found at [www.sam.gov](http://www.sam.gov)**
- **Wage Determination for Unlisted Categories, IRAPrevailingwage@dol.gov**
  - the type of facility,
  - facility location,
  - proposed labor classifications,
  - proposed prevailing wage rates,
  - job descriptions and duties, and
  - any rationale for the proposed classifications
- **Records required (Taxpayer's employees, contractors and subcontractors)**
  - identifying the applicable wage determination,
  - the laborers and mechanics who performed construction work on the facility,
  - the classifications of work they performed,
  - Apprentice/Journeyworker
  - Hours worked in each classification,
  - And the wage rates paid for the work and fringe benefits.

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## Apprenticeship Requirement For Larger 179D Deduction Level (\$2.50-5.00)

Projects Started:	Apprentices make up:
Before 1/29/2023	Exempt from Requirement
In 2023 1/29/23 and later	12.5% of Total Labor Hours
After 12/31/2023	15% of Total Labor Hours

- If a project has 4 or more workers, at least 1 is required to be an Apprentice
- Apprentice-to-Journeyworker ratio must be met DAILY
- Apprentice must be part of a [registered apprenticeship program \(3131\(e\)\(3\)\(B\)\)](#)
- **Good Faith Effort Exception**
  - The taxpayer requests qualified apprentices from a registered apprenticeship program in accordance with usual and customary business practices for registered apprenticeship programs in a particular industry.
  - The taxpayer must maintain sufficient books and records establishing the taxpayer's request of qualified apprentices from a registered apprenticeship program and the program's denial of such request or non-response to such request
  - Must try every 120 days

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## About Energy Tax Savers?

First EPAct 179D service provider (founded 2005)

Completed more EPAct projects than any other firm (16,000+)






Diverse background of firm professionals

- Attorney, CPA, MBA, LEED AP, Enrolled Agent, Big4 Accounting Experience

Advisors to DOE, NEMA and NRDC for EPAct 179D extension and standards

Over 150 published articles in various publications

- *Corporate Business Taxation Monthly, Building Operating Management, IMARK Magazine, Retrofit Magazine, Parking Professional*

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## Energy Tax Savers, Inc.




AEF Recorded Webinar  
<https://www.youtube.com/watch?v=IxrQh20ks8M>

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### City Light Increased Incentives & New Offerings

- Some incentives increased as much as 60%
  - [Lighting](#)
  - [Lighting controls](#)
  - [Insulation](#)
  - [Advanced rooftop controls](#)
  - [Package terminal heat pumps](#)
- [Energy Project Manager](#) – new!
- [Project Development Incentive](#) – new!

**Contact an Energy Advisor today** to find out if your projects qualify!

Call (206) 694-3800 or email [SCLEnergyAdvisor@seattle.gov](mailto:SCLEnergyAdvisor@seattle.gov) to get started.

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# THANK YOU




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