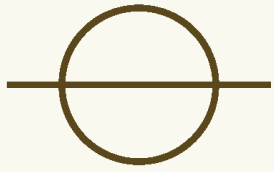




Energy Opportunities Through the Inflation Reduction Act (IRA)



Introduction

Keith Kueny

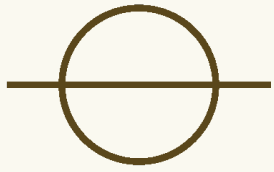
- Energy and Resiliency Manager
- Raised in Abilene, KS
- 1600-acre family farm outside Humboldt, KS
- Sorghum, corn, and soybean

Agenda

- Review the changes to the IRS code
- Rural Federal Energy Focused Grants
- Oregon-specific funding updates
- Questions



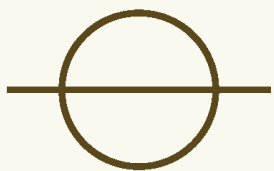
Archie



IRA Overview

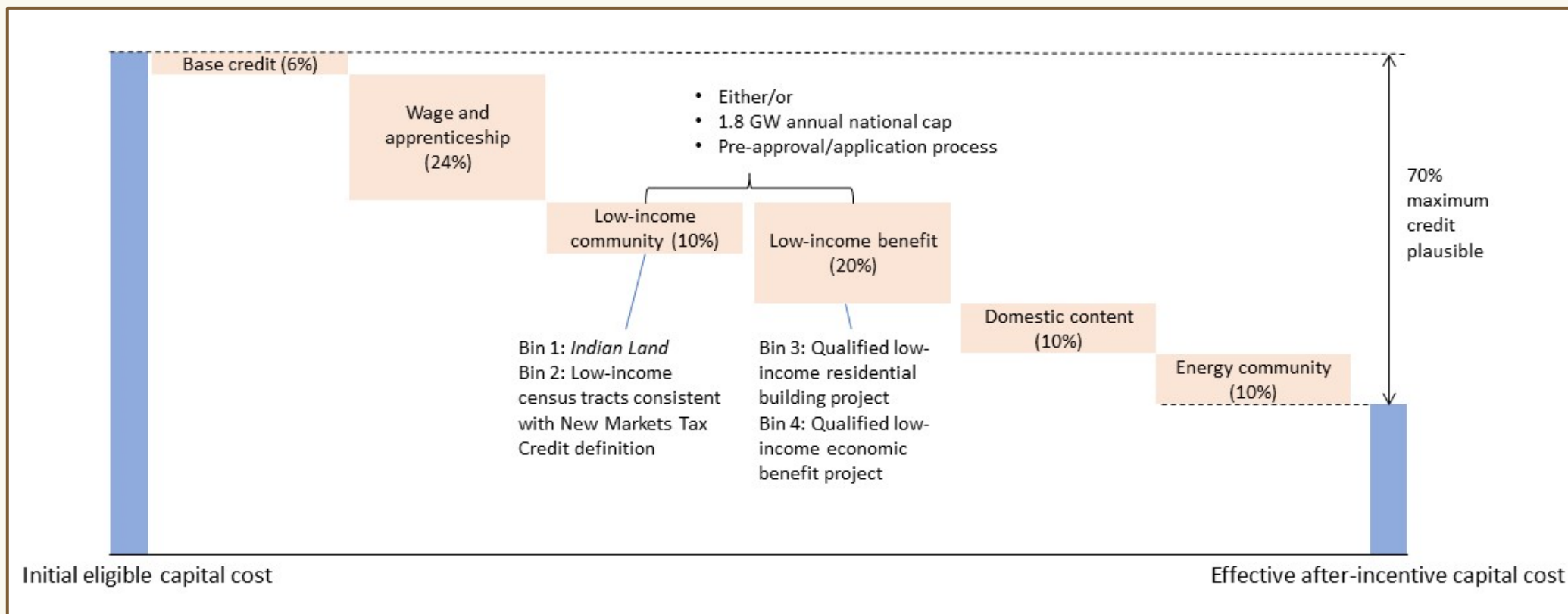
Irrigation District Benefits

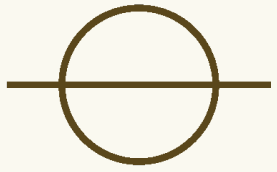
- Monetizing the investment tax credit (ITC)
- ITC adders
- Hydropower
- Funds section 242
- Funds section 243
- Funds section 247
- Energy Improvement in Rural Areas Grant (ERA)
- Increased funding for Rural Energy Assistance Program



Investment Tax Credit

Preliminary Understanding: IRA Clean Energy Investment Tax credit

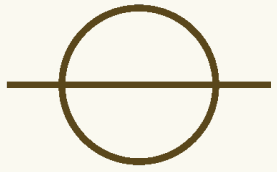




ITC Continued

Additional Details

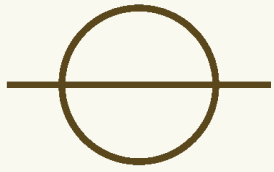
- Capital expenses
 - Canal lining
 - Piping
- Tax returns



Section 242: Production Tax Credit

Modified or New Program Rules

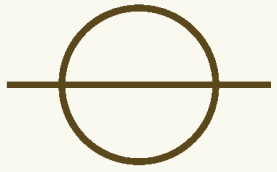
- Additional \$125 million
- \$.018 per kWh
- Yearly applications
- 20 MW or less
- Ends September 30, 2027



Section 243

Program Rules

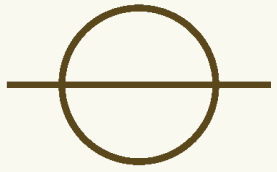
- \$75 million brand new funding
- Placed prior November 15, 2021
- Must be operational
- Qualifying Capital improvements
 - On the hydroelectric facility side of the point of interconnection
 - Common coupling with the electric utility
 - In a facility that remotely controls hydroelectric facility operations
- must increase the efficiency
- Up to 30% of total project costs



Section 247

Program Rules

- \$500,000,000 from the IRA – 30% of project costs – In service after 2021
- Environmental Improvements efforts
- Dam Safety efforts
- Resiliency Improvements



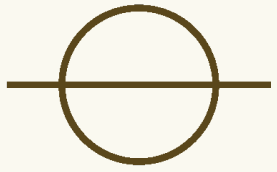
Federal Energy Grants

Energy Improvements in Rural Areas (ERA)

- \$1 Billion in funding
- First round is this year - \$300 million
- The funding is flexible

Rural Energy Assistance Program (REAP)

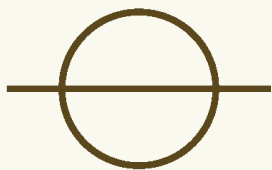
- Provides guaranteed loan financing and grant funding
- Districts may have an opportunity to form an LLC
- Will pay up to 50% of project costs
- Up to \$1 million – must have 50% match



Oregon Updates

New funding

- Community Renewable Energy Program (CREP)
 - \$50 million dollar fund
- Clean Water State Revolving Fund (CWSR)
 - Reservoir Solar
 - Canal solar



Questions?

Contact Information

Keith Kueny

Keith.Kueny@fcasolutions.org

445-237-9806