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**Table T23-0047**  
**Energy Security Production Tax Credit Provisions in**  
**H.R.5376, The Inflation Reduction Act of 2022 (IRA)**  
**Baseline: Pre-IRA Law**  
**Distribution of Federal Tax Change by Expanded Cash Income Level, 2027 <sup>1</sup>**  
**Summary Table**

Expanded Cash Income Level (thousands of 2022 dollars) <sup>2</sup>	Tax Units		Percent Change in After-Tax Income <sup>3</sup>	Share of Total Federal Tax Change	Average Federal Tax Change (\$)	Average Federal Tax Rate <sup>4</sup>	
	Number (thousands)	Percent of Total				Change (%)	Under the Proposal
Less than 10	7,930	4.2	0.1	0.6	-10	-0.1	4.6
10-20	18,550	9.9	0.1	2.7	-10	-0.1	2.9
20-30	18,950	10.1	0.1	3.6	-10	-0.1	4.2
30-40	16,280	8.7	0.1	3.8	-20	0.0	6.7
40-50	14,070	7.5	0.1	4.2	-20	0.0	9.3
50-75	26,480	14.2	0.0	9.2	-30	0.0	12.7
75-100	19,570	10.5	0.0	8.9	-30	0.0	15.1
100-200	37,580	20.1	0.0	25.0	-50	0.0	18.5
200-500	21,550	11.5	0.0	25.4	-90	0.0	23.1
500-1,000	3,080	1.7	0.0	7.3	-180	0.0	28.1
More than 1,000	1,210	0.7	0.0	8.8	-550	0.0	31.9
All	186,800	100.0	0.0	100.0	-40	0.0	21.0

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0722-1).

Number of AMT Taxpayers (millions). Baseline: 7.7

Proposal: 7.7

(1) Calendar year. Baseline is the law in place before the enactment of the Inflation Reduction Act of 2022.

Provisions include: extension and modification of credit for electricity produced from certain renewable resources; credit for production of clean hydrogen; clean electricity production credit; clean fuel production credit; and extension of incentives for biodiesel, renewable diesel and alternative fuels.

For more information on TPC's baseline definitions, see:

<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(2) Includes both filing and non-filing units but excludes those that are dependents of other tax units. Tax units with negative adjusted gross income are excluded from their respective income class but are included in the totals. For a description of expanded cash income, see

<http://www.taxpolicycenter.org/TaxModel/income.cfm>

(3) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate tax; and excise taxes.

(4) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

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**H.R.5376, The Inflation Reduction Act of 2022 (IRA)**  
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**Distribution of Federal Tax Change by Expanded Cash Income Level, 2027 <sup>1</sup>**  
**Detail Table**

Expanded Cash Income Level (thousands of 2022 dollars) <sup>2</sup>	Percent Change in After-Tax Income <sup>3</sup>	Share of Total Federal Tax Change	Average Federal Tax Change		Share of Federal Taxes		Average Federal Tax Rate <sup>5</sup>	
			Dollars	Percent <sup>4</sup>	Change (% Points)	Under the Proposal	Change (% Points)	Under the Proposal
Less than 10	0.1	0.6	-10	-1.9	0.0	0.0	-0.1	4.6
10-20	0.1	2.7	-10	-2.1	0.0	0.2	-0.1	2.9
20-30	0.1	3.6	-10	-1.2	0.0	0.4	-0.1	4.2
30-40	0.1	3.8	-20	-0.7	0.0	0.8	0.0	6.7
40-50	0.1	4.2	-20	-0.5	0.0	1.3	0.0	9.3
50-75	0.0	9.2	-30	-0.3	0.0	4.4	0.0	12.7
75-100	0.0	8.9	-30	-0.2	0.0	5.5	0.0	15.1
100-200	0.0	25.0	-50	-0.2	0.0	20.9	0.0	18.5
200-500	0.0	25.4	-90	-0.1	0.0	30.6	0.0	23.1
500-1,000	0.0	7.3	-180	-0.1	0.0	12.2	0.0	28.1
More than 1,000	0.0	8.8	-550	-0.1	0.0	23.5	0.0	31.9
All	0.0	100.0	-40	-0.1	0.0	100.0	0.0	21.0

**Baseline Distribution of Income and Federal Taxes**  
**by Expanded Cash Income Level, 2027 <sup>1</sup>**

Expanded Cash Income Level (thousands of 2022 dollars) <sup>2</sup>	Tax Units		Pre-Tax Income		Federal Tax Burden		After-Tax Income <sup>3</sup>		Average Federal Tax Rate <sup>5</sup>
	Number (thousands)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	
Less than 10	7,930	4.2	6,090	0.2	290	0.0	5,810	0.2	4.7
10-20	18,550	9.9	17,310	1.3	520	0.2	16,790	1.6	3.0
20-30	18,950	10.1	28,170	2.1	1,180	0.4	26,990	2.6	4.2
30-40	16,280	8.7	39,460	2.5	2,670	0.8	36,790	3.0	6.8
40-50	14,070	7.5	50,810	2.8	4,740	1.3	46,080	3.3	9.3
50-75	26,480	14.2	69,840	7.3	8,890	4.4	60,950	8.1	12.7
75-100	19,570	10.5	98,250	7.6	14,900	5.5	83,350	8.2	15.2
100-200	37,580	20.1	159,230	23.7	29,520	20.9	129,710	24.4	18.5
200-500	21,550	11.5	326,050	27.8	75,460	30.6	250,590	27.1	23.1
500-1,000	3,080	1.7	748,370	9.1	210,200	12.2	538,170	8.3	28.1
More than 1,000	1,210	0.7	3,216,790	15.5	1,026,070	23.4	2,190,720	13.3	31.9
All	#####	100.0	135,250	100.0	28,440	100.0	106,810	100.0	21.0

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0722-1).

Number of AMT Taxpayers (millions). Baseline: 7.7 Proposal: 7.7

(1) Calendar year. Baseline is the law in place before the enactment of the Inflation Reduction Act of 2022.

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<http://www.taxpolicycenter.org/TaxModel/income.cfm>

(3) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate tax; and excise taxes.

(4) For income categories for which the baseline tax burden is negative, a positive percent change in average federal tax indicates a net increase in federal subsidies, and a negative percent change indicates a net decrease in federal subsidies.

(5) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.