IDAHO POWER UNDERVALUES SOLAR

Idaho Power recently published a study that shows they intend to **slash compensation rates to local solar owners by over 60%.**

This would make solar power **less affordable** for Idaho families, businesses, farms, and schools.

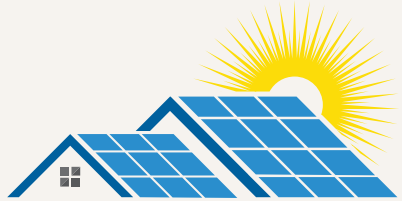
An independent study by Crossborder Energy concluded that "Idaho Power's choice of assumptions and calculation methods significantly undervalue[s]... [and] **fails to quantify important benefits of distributed solar.**"

Societal Benefits of Local Solar

More locally-produced solar energy reduces societal damages from **climate change**, improves **public health**, boosts the **local economy**, and improves **energy resiliency**, *which benefit ALL ratepayers.*
Independent Study: an *additional* 8.7 ¢

Utility Benefits of Local Solar	Idaho Power Study	Independent Study
Avoided Energy	2.8 ¢	4.7 ¢
Avoided Generation Capacity	1.1 ¢	3.5 ¢
Transmission and Distribution Deferral	0.03 ¢	4.7 ¢
Avoided Line Losses	0.2 ¢	0.9 ¢
Fuel Hedging Benefits	0 ¢	1.2 ¢
Avoided Carbon Emissions Cost	0 ¢	3 ¢
Integration Costs	-0.3 ¢	-0.06 ¢
Total Export Credit Rate	**3.8 ¢**	**18.3 ¢** /kWh

UTILITY BENEFITS EXPLAINED



	Locally-produced solar energy...	Why the study results are different:
Avoided Energy	Reduces the need for Idaho Power to generate its own energy or **purchase energy on the open market.**	Idaho Power used historical energy prices, which don't take into consideration the significant (and sustained) increase in energy prices resulting from the **War in Ukraine**.
Avoided Generation Capacity	Reduces the need for Idaho Power to **build new power plants** and more transmission lines to meet peak demand on hot summer days.	The capacity factor assumes all local solar is **exported** (but typically half is consumed on-site!) & the capacity cost assumes a **new gas plant** would be built instead (but Idaho Power's own 20-year plan shows it would be a battery storage unit!)
Transmission and Distribution Deferral	Reduces the need for Idaho Power to **upgrade its power lines.or to maintain it's power lines.**	Idaho Power's calculations pretend that the total amount of local solar power was **spread evenly** across its entire system, and wouldn't grow in future years, resulting in unrealistic values.
Avoided Line Losses	Reduces Idaho Power's **energy losses**, which occurs naturally when electricity travels **long distances on power lines.**	Idaho Power used an **old study** from 10 years ago, and calculated average losses rather than ***marginal losses***, which would be at least twice as high!
Fuel Hedging Benefits	Reduces Idaho Power's exposure to **risky, volatile natural gas prices**, *which impacts rates for ALL ratepayers.*	Idaho Power **neglected** to include this calculation in its final study.
Avoided Carbon Emissions Cost	Reduces Idaho Power's exposure to **future taxes on carbon emissions**, *which impacts rates for ALL ratepayers.*	Idaho Power claimed this value was **"speculative" and "non-quantifiable"** since it is not subject to a carbon tax (yet) or clean energy law (though it has its own 100% Clean Energy goal that local solar would help achieve).
Integration Costs	Slightly increases Idaho Power's **operational costs** to manage fluctuations in the energy as clouds pass by.	Idaho Power selected data from an **old study** that didn't take into account its current plans to build a significant amount of **battery storage** in the coming years (which is great at integrating solar energy!).
Total Export Credit Rate	***When local solar owners export their extra solar energy onto the grid, Idaho Power (and all its ratepayers) experience all of these benefits, and solar owners are compensated for that.***	***Idaho Power asserts that local solar creates unfair costs on its system and that solar owners should receive less compensation for the energy they produce. The Independent Study proves otherwise.***