

# A Distributed Solar Production Program

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## Project Summary

This proposal describes an innovation in a scaled solar panel manufacturing process that can be distributed nationally and provide for a network of production facilities that creates the good paying, high road workforce jobs, in communities that are historically underserved and those impacted by the transition from fossil fuels to clean energy. A distributed production model could be up and running with short lead times, providing something closer to the “solar for all” mantra that would revolutionize the way we think of solar production and installation. Our national issue with increasing US production is not one of getting big plants to produce more or getting billion-dollar companies to invest further, but rather finding a way to multiply smaller production facilities across a wider swath of the country, each producing for regional markets, buying cooperatively without competing in market space.



## Key Milestones & Deliverables

<b>Budget Period 1:</b>	Contact and build relationships with potential community partners, secure commitment from at least 10, begin rollout of 4-5 distributed facilities. Set in place the cooperative purchasing facility, negotiate with vendors
<b>Budget Period 2:</b>	Continue for period #1 to extend rollout to 10-12 facilities, monitor and support the initial rollout affiliates, advance on cooperative purchasing
<b>Budget Period 3:</b>	Move toward solidifying 20 affiliated production facilities with cooperative purchasing mechanisms supplying raw materials. Have administrative apparatus fully developed.

## Project Impact

Market conditions are strong for solar modules and the recent climate initiatives in the IRA legislation only makes this stronger. The target of 50MWh of US production is audacious and will be difficult to achieve without many producers and different models of production. An affiliated arrangement with 25 independent production facilities cooperating across the country will contribute significantly to that 50MWh target and yet create many more jobs in the types of communities where employment is most needed.

40 Megawatt Plants for Justice 40 Communities

