



# Alamo StakePool

## Whitepaper

For the Cardano Community & Texas Residents  
Prepared on 4<sup>th</sup> November 2021

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## ABSTRACT

Residents of Texas are currently threatened with a weakened power grid that puts them and their families' lives at risk in several areas:

- Hypothermia & Heat stroke. Lack of protection from extremely cold or hot days during extreme weather spells.
- Food Shortages. They are also threatened with food shortages when their refrigerators cannot consistently stay powered on to keep groceries from going bad.
- Unpredictable Costs of living. Power companies that pay exorbitant amounts to their providers to keep the critical grids powered during high demand times have no choice but to pass those costs to the people. In extreme cases, even if those people don't get power.

Thanks to the Cardano network & Alamo StakePool, Texas residents now have the option to eliminate these risks entirely.

The Alamo Stakepool redistributes their profits back to their delegators by rewarding them with home solar/battery backup systems. This solution is how Cardano delegators in the state of Texas can use their ADA to take back control of their power situation.

### **Official communication channels:**

Twitter: @AlamoStakepool

Website: <https://alamopool.io>

Discord: <https://discord.gg/TTR6Q8UrbT>

Pool ID: cace07533247e80000ecaa1a98657e3a2580dee73e30a37644b211de

Pool Ticker: ALAMO

## ROADMAP

At the time of this writing, we're just in the beginning phases, Currently Phase 1 (LAUNCH phase). The following pages detail what we plan to do with the Stakepool.

## LAUNCH

To properly “launch” the stakepool, we have to build a large enough community in the [official discord](#) to coordinate an EPOCH to begin staking to ALAM0. Target delegation for launch is a collective total of 1 million ADA.

Why don't we recommend you to stake immediately?

If we don't have enough total delegation, the Ouroboros protocol will not choose this stakepool to create blocks.

We're not going to waste your time and money nor beg you to prematurely stake here. We'll all coordinate to go in at the same time when it will be worth it to you. Follow our announcements in the [official discord](#) to know when.

## GROWTH

Once the stakepool begins generating blocks and staking rewards start coming in, the Stakepool Operators start depositing 10% of the stakepool profits into the "Renewable Energy Fund Wallet".

As we believe in transparency, this wallet address will be posted in discord so the community can monitor the progress of and anticipate the next giveaway.

During this phase, conventional delegators should flow in more naturally as the stakepool will be producing blocks and will start to climb the ranks in the list of stakepools to delegate to.

## SELECTION

Once the Renewable Energy Fund Wallet becomes large enough to purchase a renewable energy product like a home battery backup system, solar panel system for a home, or both, the stakepool operators collect all of the addresses delegated to the stakepool at that time and randomly draw a wallet address from the group.

The person who owns the winning address (given that they're a Texas resident) will be the recipient of said product that is being gifted during that giveaway. There are plans on making eligible winners have a "minimum" amount of ADA staked to help prevent delegators from exploiting the giveaway by spreading their delegation over hundreds of wallets.

The authentication mechanism is still in the works, but we're looking at two phases of authentication:

In the early stages we'll be authenticating the winner by having them privately reach out to the designated operator with their contact info and a pre-determined amount of ADA in a tiny transaction from their winning wallet that only they will know. This transaction once received will be validated by the operator on the Cardano blockchain and transaction refunded.

In the latter phase, we plan on establishing a mechanism where we airdrop the winner an NFT as an authentication token. This authentication token will be used to fill out an online form that only they have the ability to modify so they can privately fill out their contact info to send back to the operator.

## DEPLOYMENT

Once the winner is authenticated, Stakepool operators will select a local solar and/or home battery backup installer local to the winning delegator's area. The solar installer will survey the winning delegator's roof/home and coordinate with the delegator on configuration options that fall within the budget of the winnings.

Once the system is installed, the Alamo Stakepool operators will coordinate payment with the installer and all warranty documentation and service information is given to the winning delegator. Note: we don't know how the tax rebates will work yet; this is something we will tackle closer to implementation.



## SUSTAINMENT

As you can imagine, this process repeats and gets more frequent as the stakepool delegation grows. The more ADA delegated to the stakepool and the more ADA appreciates in price, the faster we will be able to do giveaways.

At the time of this writing, the stakepool's margin is at a competitive rate of 2.5%, which means Alamo Stakepool takes a 2.5% cut of your 5% APY in ADA (for example, if you stake 10,000 ADA, you generate an estimated 500 ADA in rewards and we only take 12.5 ADA from that). With this competitive rate, we currently are dedicating 10% of our 2.5% margin to the "Renewable Energy Fund Wallet".

## EVOLUTION

As the Alamo Stakepool community matures, if the community decides to accelerate the rate of giveaways and solar installations, we can increase the margin to 5% and allocate 50% donation to the wallet, or maybe 10% margin with a 75% donation, etc. Note that even though this will cut into rewards, you will have more opportunities to win and Texas will have more homes with self-sufficient power.

If this Stakepool model proves successful and the pool becomes saturated, we will consider deploying more Stakepools throughout Texas so that everyone who wants to participate will be able to. Will also consider other areas based on demand.

## SUMMARY

You're here because you know Cardano is part of the future. You're also here because you probably believe renewable energy is the way forward to sustain our lifestyle here on this planet. Now take control of your future by delegating your ADA tokens to the Alamo Stakepool to build a stronger home for you and your fellow Texans.