5/9/2024

608-238-6001 [TEL]

greg@infinityturbine.com [Email]

utility-grid-power-rate-arbitrage-mining-opportunity-by-infinity-turbine

Infinity Turbine LLC

Utility Grid Power Rate Arbitrage Mining Opportunity

This webpage QR code

Structured Data

<script type= "application/ld+json">
{"@context":"http://schema.org",
"@graph":[
{
"@type" : "Organization",
"@id" : "https://infinityturbine.com/#organization",
"name" : "Infinity Turbine LLC",
"url" : "https://infinityturbine.com",
"sameAs":
["https://www.youtube.com/channel/UCsobpvy0xqc13uvhA71Cv4w",
"https://x.com/InfinityTurbine",
"https://www.instagram.com/infinityturbine/"],
"telephone" : "608-238-6001",
"email" : "greg@infinityturbine.com",
"logo" : "https://infinityturbine.com/logo.png"
},
{
"@type":"WebSite",
"@id":"https://infinityturbine.com",
"url":"https://infinityturbine.com",
"name":"Utility Grid Power Rate Arbitrage Mining Opportunity",
"description":"Utility energy rate mining allows early adopters to install containerized flow batteries to purchase off-peak power makes available for demand-side customers at a higher rate (basically arbitrage of energy rates)."
}
,{
"@type":"NewsArticle",
"mainEntityOfPage":{
"@type":"WebPage",
"@id":"https://infinityturbine.com/utility-grid-power-rate-arbitrage-mining-opportunity-by-infinity-turbine.html"},
"headline":"Utility Grid Power Rate Arbitrage Mining Opportunity",
"image":"https://infinityturbine.com/images/",
"datePublished":"2024-05-09T08:00:00+08:00",
"dateModified":"2024-05-09T09:20:00+08:00",
"author":{
"@type":"Organization",
"name":"Infinity Turbine LLC",
"url":"https://infinityturbine.com"
},
"publisher":{
"@type":"Organization",
"name":"Infinity Turbine LLC",
"logo":{
"@type":"ImageObject",
"url":"https://infinityturbine.com/logo.png"
}}}

]}</script>

Utility energy rate mining allows early adopters to install containerized flow batteries to purchase off-peak power makes available for demand-side customers at a higher rate (basically arbitrage of energy rates).

PDF Version of the webpage (first pages)

Grid Power Rate Mining Opportunity

Utility energy mining, which allows early adopters to install containerized flow batteries to purchase off-peak power makes available for demand-side customers at a higher rate (basically arbitrage of energy rates). This leverages utility demand pricing and flipping energy storage. Selling back to the grid doesn't make sense, but providing power modules next to large manufacturing or energy users makes lots of sense.

5/9/2024

Cogen Battery

Please see the link below for our salt based cogen battery.

5/9/2024

Tax Credits

Home Based Flow Battery: 10-100 kW
$35 x 10 kW = $350
$35 x 100 kW = $3,500

Commercial Flow Battery: 4 MW
$35 x 4,000 kW = $140,000

Utility Scale Flow Battery Bank:
$35 x 4,000 kW x 100 = $14,000,000

Note: The credit would apply to components produced and sold after December 31, 2022, and would begin to phase out starting in 2030. Access: Electrochemical cell comprised of one or more positive electrodes and one or more negative electrodes, with an energy density of not less than 100 watt-hours per liter (.1 kW/L), and capable of storing at least 20 watt-hours of energy.