LUMENA ENERGY™

ENERGY COMPENDIUM

Q1 2022

LUMENA ENERGY

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Our Data

An in-depth case study on one of our VPP devices and its compiled data

A WORD FROM THE FOUNDER

STEPPING INTO A NEW ERA OF CLEANTECH

By David N. Jones
Photo courtesy of Lumena Energy

Since the very inception of our firm, our intent has been on moving the needle from a static to a dynamic, responsive energy environment. We are getting ever closer to that milestone.

First principles thinking helped us drill down into what was most important--providing decentralized renewable energy for every man, woman and child on Earth. A higher quality of life for our global community is achievable, and at its core is sustainable energy.

It is our hope we will achieve a safer, healthier more intuitive society for all within our lifetime.

Thank you for being apart of our journey.

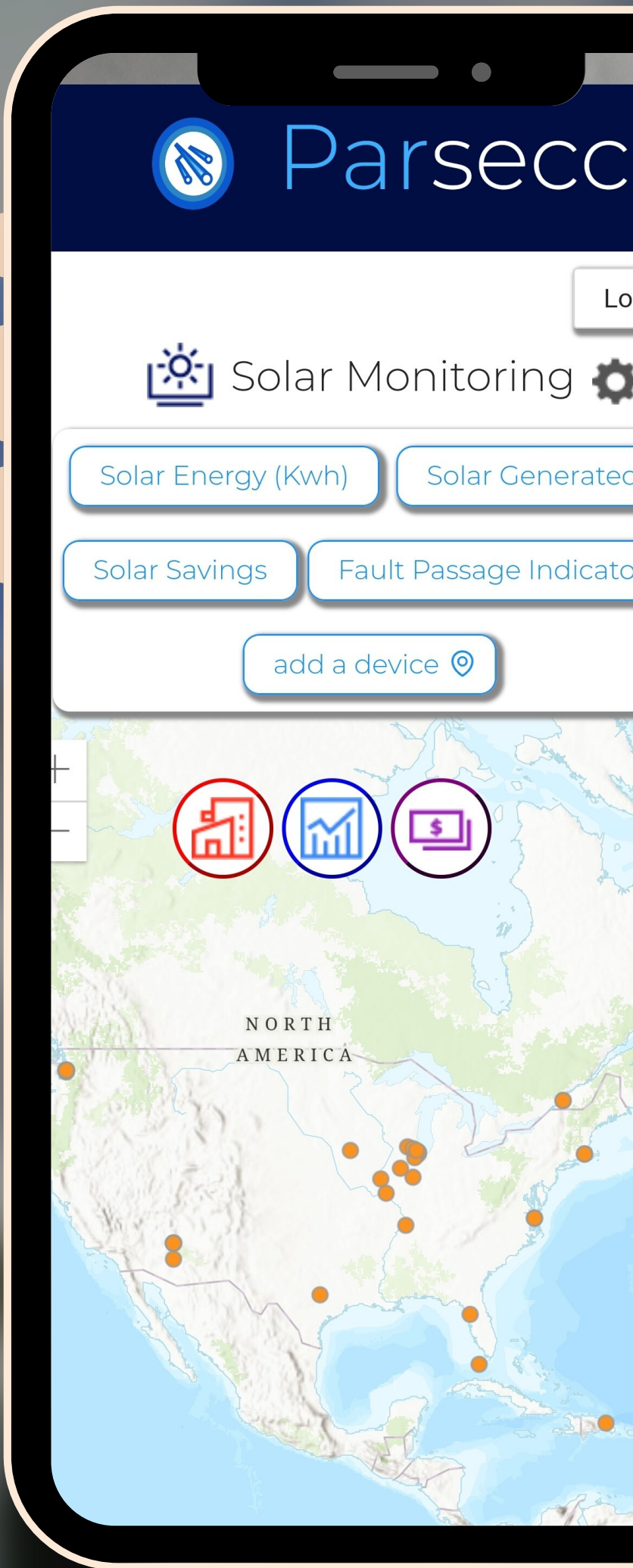
DID YOU KNOW?

Click on book throughout compendium for reference links

LUMENA ENERGY™

Share Energy. Store Energy. Guilt Free.

Decentralized energy for all.



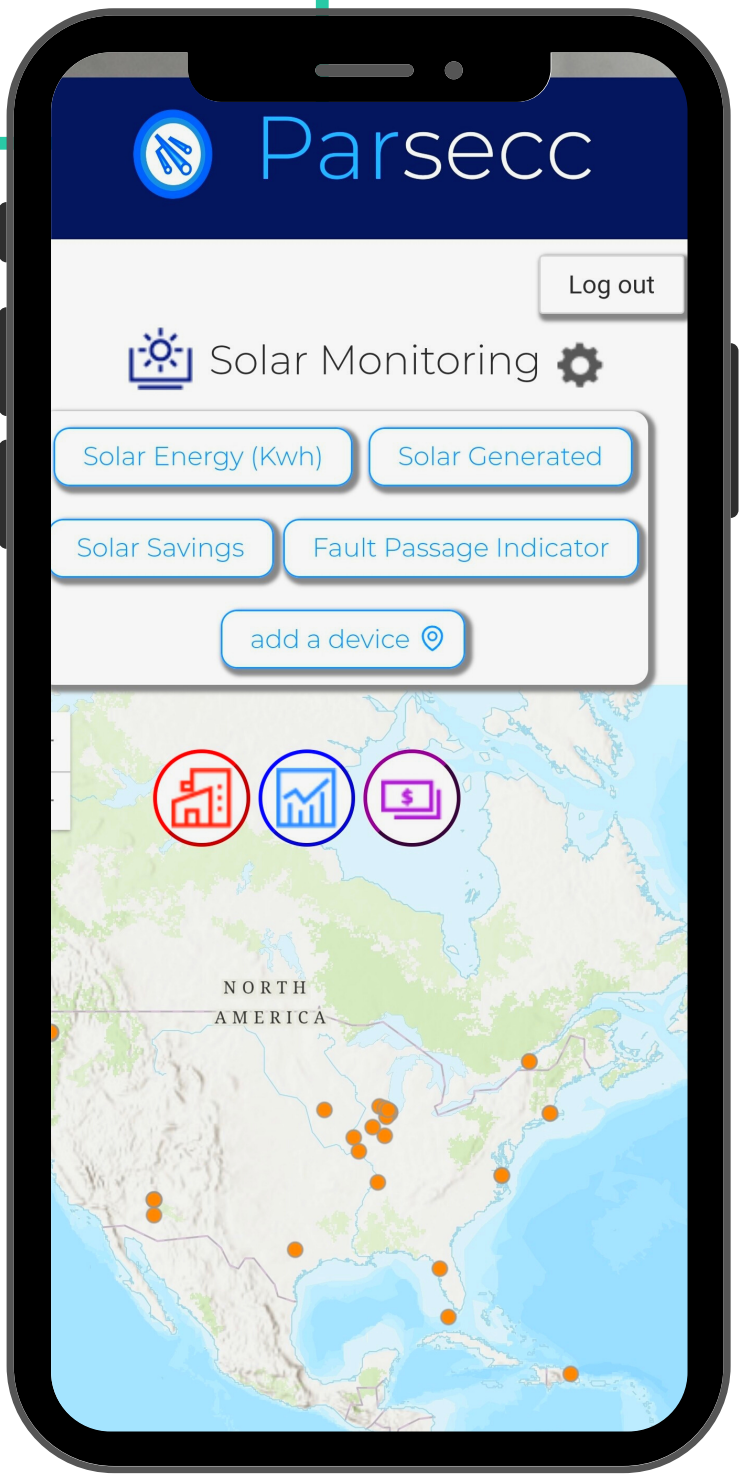
www.lumenaenergy.com

METHODS

Understanding the abstract and otherwise virgin territory of Virtual Power Plants and Smartgrid Technology

PARSECC EMS DASHBOARD

Virtual Power Plant
Energy Management System



Version 2.1 of our dashboard boasts a number of new features such as:
Solar Savings Tracker
Fault Passage Indicator Portal
Add A Device
Earnings Section

Take note that it has evolved drastically from the original version.
Administrators can now conveniently view all of their properties via a map or list function and interact with individual properties.

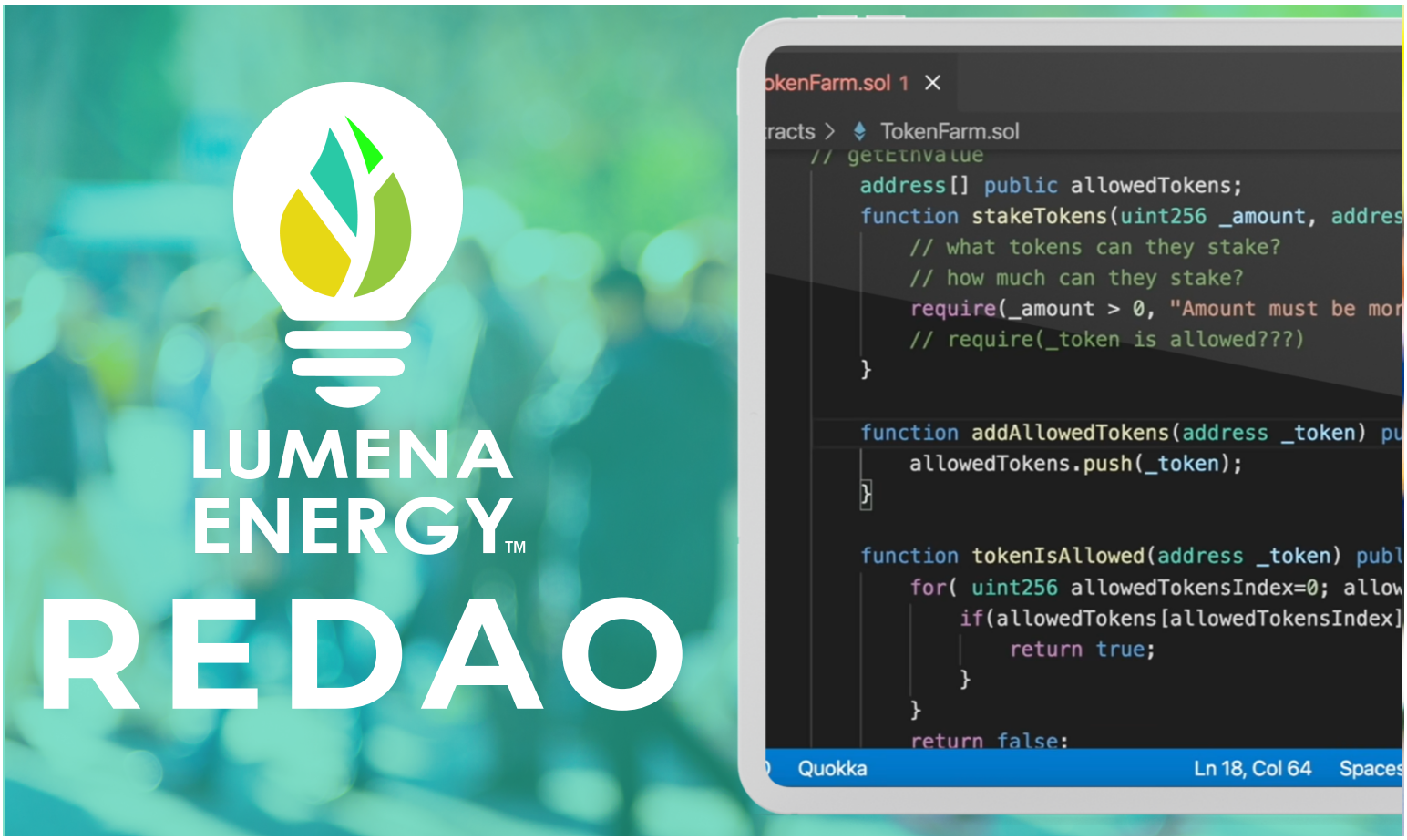
Each property is now identified by both a physical address as well as their **blockchain Unique User Asset ID.**
We are working toward launching our own crypto token for energy blockchain transactions this year.

HOW WILL **GOVERNMENTS** AND VPP'S **INTERACT**?

Let's face it, bureaucracy is a painfully slow process with far too many moving parts.
We are working to eliminate the bottleneck between governments and businesses. This will enable a high bandwidth energy ecosystem where rules and policies will automatically be executed with little to no need for a middleman.

How It Works:
A **Smart Contract** establishes regulatory, safety compliance, pricing model, distribution and a tariff framework. Think of it like software that creates an agreed upon set of rules to allow virtual power plants to work with little to no human interaction.

Lumena Energy's **Renewable Energy Decentralized Autonomous Organization** or **REDAO** for short serves as the social layer which enables Node Owners to vote on new policy, collaborate with other node owners and execute energy blockchain trades as well as have a direct line of communication to their local governing body.



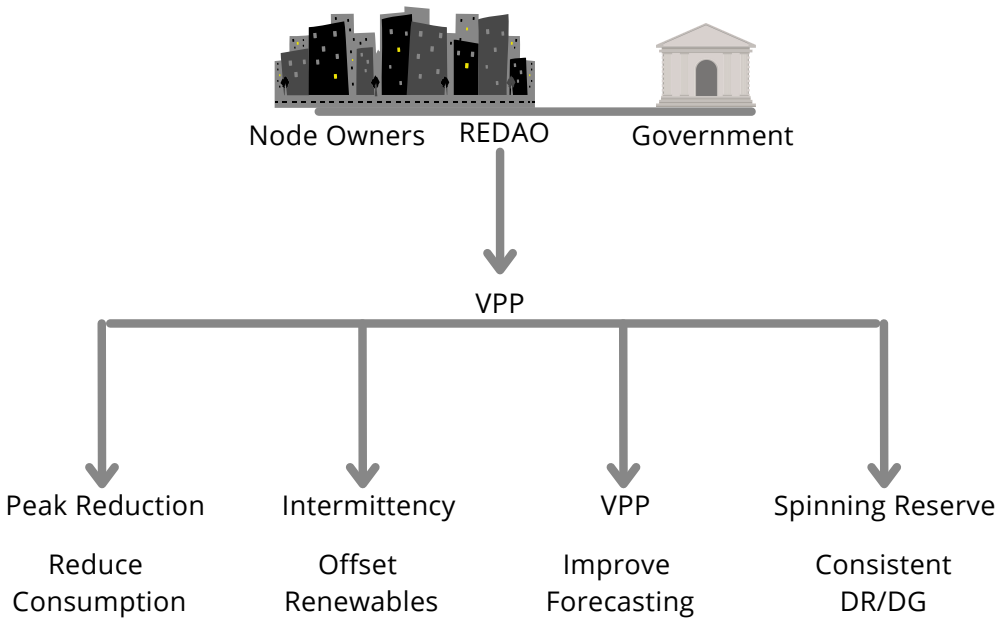
WHAT DOES **BLOCKCHAIN** MEAN FOR THE **ENERGY SECTOR**?

As we enter the era of **Web 3.0**, blockchain and tokenized transactions will become the new norm for practically every facet in the exchange of information, goods and services. Publicly auditable ledgers will record and facilitate energy transactions between generators and consumers of energy. This includes such actions as peer-to-peer energy transactions.

ISO/Wholesale means energy trades will operate much like the Stock Exchange. Instead of having a fixed rate, energy prices will fluctuate based upon indexes set by generators where the consumer can bid for the lowest rate.

Tokenized Transactions will enable platforms such as Parsecc to provide a 1:1 ratio. Buyers and sellers will be able to conduct business across state lines and even across international lines. The revenue amount will be automatically sent to the generator in the form of a crypto token where it can later be converted to the currency of their choosing.

Real Estate NFTs will become commonplace in the Metaverse as Utility and Civil Engineering Sectors use them to easily identify create new schematics. Crypto miners may even use them to locate generators to avoid high gas fees.



HOW DO WE **MEASURE** OUR VPP **SYSTEM PERFORMANCE**?

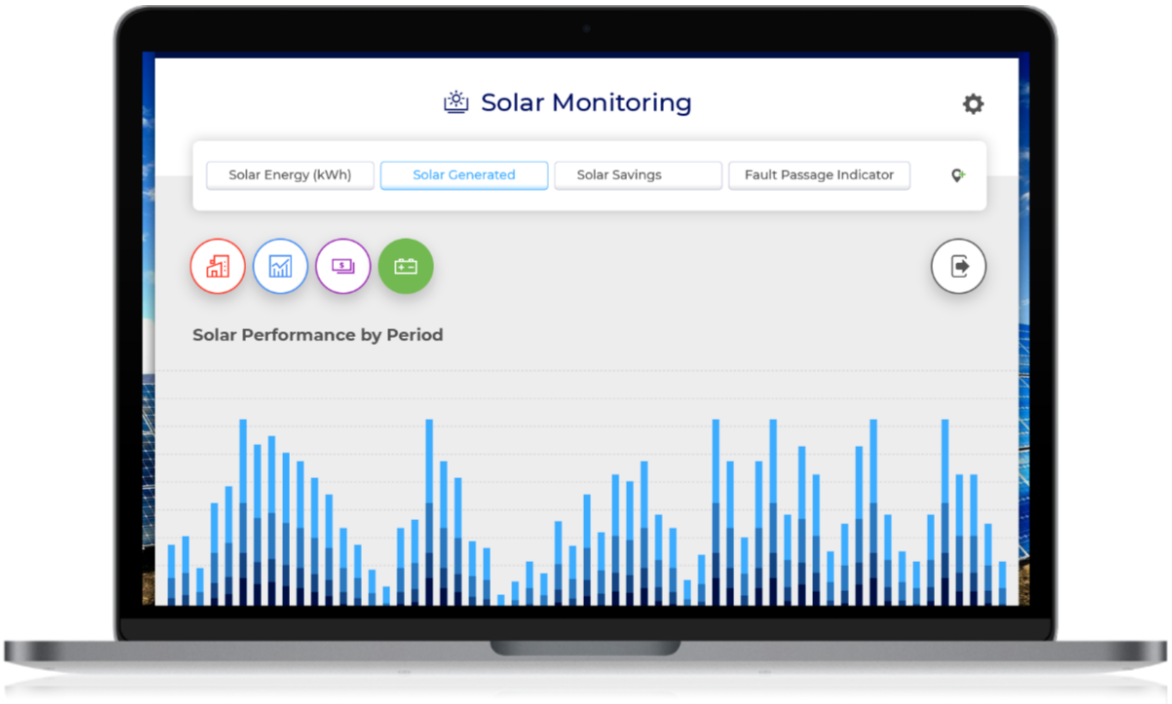
At our core, **Lumena Energy** is a Big Data company.

Data-driven decisionmaking is the driver of the success of a virtual power plant. Each minute our system is online, the efficacy of our AI improves, it executes large batches of tasks, such as energy forecasting which predicts the demands of a market. Each node added to our network provides **hundreds of individual datapoints** per property, and as the platform grows we expect to process terabytes of data per hour, 24/7.

By default every node updates every **3 minutes** which not only contributes to the ecosystem overall but also shares individual health stats that alerts the user when components are underperforming or need to be replaced.

Everytime our node owners execute an **energy blockchain transaction**, the instance is recorded and that information remains publicly available forever and cannot be altered.

All of this data is relayed to our analytics dashboard in realtime thus exponentially improving our ecosystem, we set our target of servicing **a billion homes to be achieved by 2032**.



HOW WILL VPP'S **SAVE LIVES** DURING **NATURAL DISASTERS**?

The old adage "**Don't put all of your eggs in one basket"**, comes to mind. As we've seen throughout history time and again, our global community has made a fatal error of placing all of its trust in centralized organizations. This is especially true when it comes to our electrical grids.

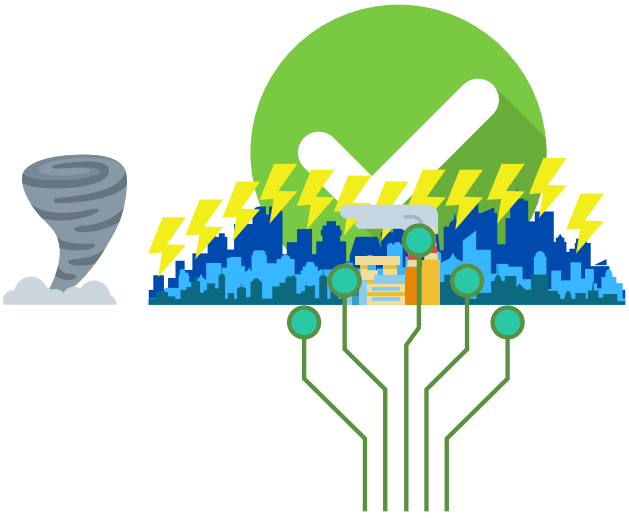
In areas that are most prone to natural disasters e.g. cities below sea level and island nations, having at bare minimum a partially decentralized grid could mean the difference between life and death for billions of people.

- Virtual Power Plants provide **Realtime Updates**
- **Multiple points of failure** means redundancy under massive catastrophic outages.
- AI provides accurate **Energy Forecasting**
- **Renewable Energy Decentralized Organizations (REDAO)** provide direct-to-consumer communication with utility providers and local governments
- System redundancy means **Rapid Response,** grids can be reassembled many times faster

Distributed Energy Resources (**DER)** and the aggregation of energy sources is the future.

Centralized Static Grid

Decentralized Dynamic Grid

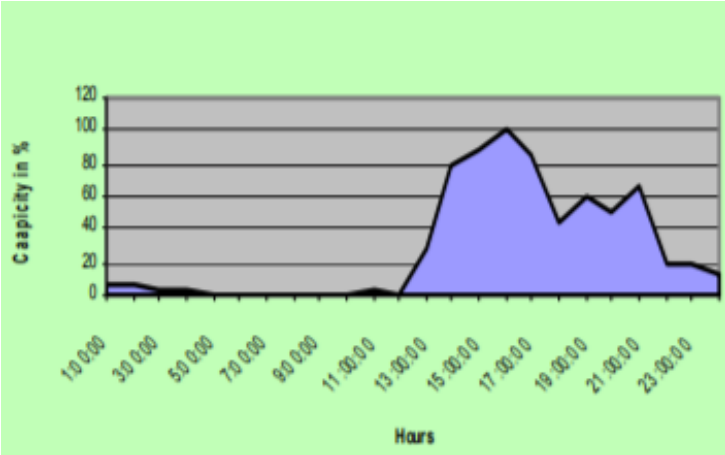


CAN WE MEET **AMERICA'S** ELECTRICITY **DEMAND**?

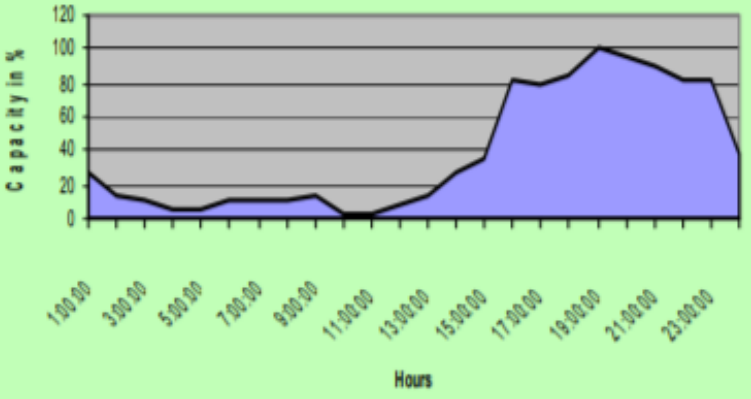
At this point, energy portfolio diversification should be commonplace talk in government. Smart grid technologies have made large inroads into the utility space

The average U.S. home uses about 900 kWh per month. So that's 30 kWh per day or 1.25 kWh per hour.

Without VPP



With VPP



100MW of energy from a VPP can power up to 16,400 homes

*= 1,000 homes**

WILL VPP'S INCREASE **GLOBAL ELECTRICITY CAPACITY?**

To put global needs into perspective, an area of **335 x 335km** or **208 miles** covered in solar panels and connected by **Parsecc** could easily produce **17.4 Terawatts** of power--this could power the entire Earth using only solar energy. For feasibility purposes, the State of Texas by itself is **268,597 mi²** and has **15.77 billion acres** of uninhabited land.

A mega structure of this scale could be built in under 10 years, and with proper maintenance could power the Earth indefinitely.

WHAT IS **REQUIRED** FOR VPP'S TO **REACH SCALE**?

Cooperation is the lynchpin of our success as a global community.

Harnessing renewable energy, redistributing it into an urban ecosystem and being able to track each transaction needs to happen. As the world's population rises and technology requiring energy grows it will create a seemingly permanent strain on our grid.

The biggest bottleneck of our generation is battery storage, we currently lack the critical battery materials to produce Lithium Ion units at scale. However, at the time of this writing there have been numerous breakthroughs in battery tech such as Sodium-Ion batteries, which could serve as a viable alternative.

By our studies, if **10%** of the world utilized virtual power plants, we would be able to sustainably power most major metropolitan areas and provide shared relevant blockchain data.

OUR DATA

Case Study of
Device ID: 5491:5682

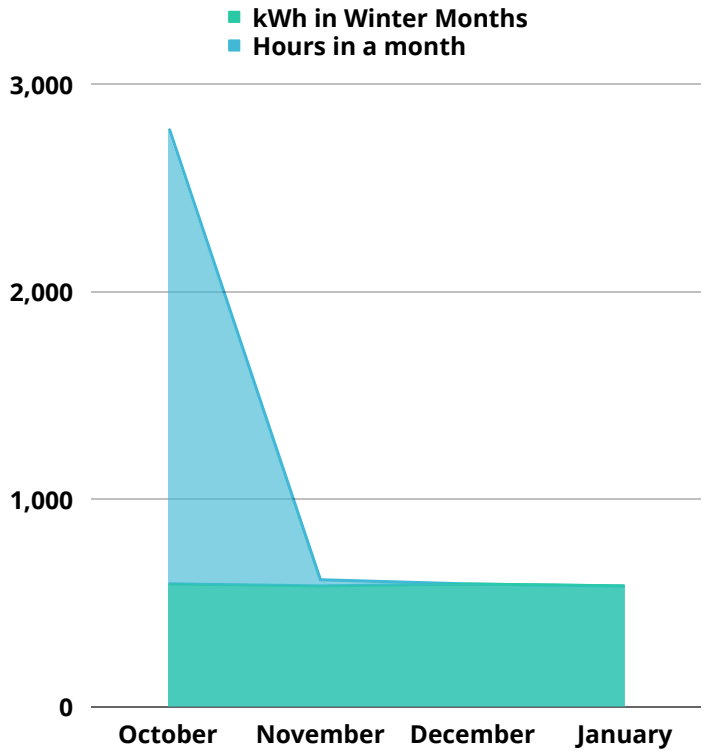
We launched the second version of **Parsecc** *September 3, 2021*, the system officially went live hosting over **30 nodes** spanning the **United States**, **Canada** and **The Dominican Republic**. The pilot program has been a successful venture so far, we stored and organized **3 months** worth of data from each device in our cloud server.

For our case study we focused attention on a property located in **Sedona, AZ**. The following 9 pages is raw data pulled from a solar array connected to our network. We focused on these datapoints:

- **AC Load**
- **Kilowatt Hours**
- **Data Usage**
- **Blockchain Energy Transactions**
- **Timestamp of Transactions**

For reference, the average U.S. home uses about 900 kWh per month. So that's 30 kWh per day or 1.25 kWh per hour.

P(W) = 1000 × E(kWh) / t(hr)



Cost per kWh: **$0.045/kWh**
Data Generated:**1279.2mB**
Daily Average: **59 kWh**

14505.5 kWh

accrued over 90 day period

LUMENA ENERGY

VIRTUAL POWER PLANT NETWORK

Issued: **1/31/2022**

Account ID#**2bba0732**

SERVICE THROUGH 10/01/21 THROUGH 1/31/2022

Device Node location: Sedona, AZ.

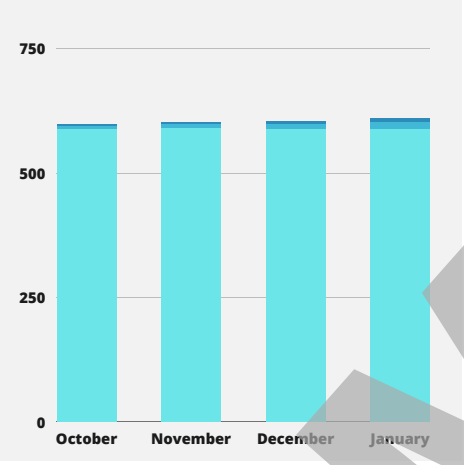
SOLAR RESIDENTIAL: SINGLE NODE

TOTAL OWED: $62.63

CUSTOMER NAME
CUSTOMER ADDRESS
CITY, STATE ZIP CODE

TOTAL REVENUE $652.74

Cost per kWh: **$0.045/kWh**



14505.5 kWh

ACCUMULATED ENERGY OVER A 90-DAY PERIOD

14505.5 kWh

Total Data Generated

1279.2mB

ENERGY TRANSACTIONS

247 ENERGY TRADES

LUMENA ENERGY FEES
5% Transaction Fee=$32.63
Parsecc Software Monthly Fee: $10

Tech Reference: UUID#2bba0732-9021-11ec-b909-0242ac120002

Device ID: 5491:5682

AC Load	kWh	Data Usage (kb)	Energy Trades per Watt	Timestamp
9378.354437	58.9	5.2	323	2021-10-01T04:54:45.108Z
9135.680182	58.8	5.2	135	2021-10-01T16:54:45.134Z
9031.805739	59.0	5.2	282	2021-10-02T04:54:45.110Z
8304.666715	59.0	5.2	317	2021-10-02T16:54:45.111Z
8812.514474	58.9	5.2	243	2021-10-03T04:54:45.113Z
8527.830582	58.9	5.2	260	2021-10-03T16:54:45.115Z
8718.500069	59.0	5.2	199	2021-10-04T04:54:45.113Z
8289.857217	59.0	5.2	182	2021-10-04T16:54:45.110Z
8577.156908	58.9	5.2	131	2021-10-05T04:54:45.116Z
9363.976598	59.0	5.2	244	2021-10-05T16:54:45.117Z
9066.404463	59.1	5.2	342	2021-10-06T04:54:45.125Z
8333.741589	59.0	5.2	293	2021-10-06T16:54:45.142Z
8669.321532	59.0	5.2	183	2021-10-07T04:54:45.126Z
8897.241569	58.9	5.2	175	2021-10-07T16:54:45.122Z
8586.605242	59.1	5.2	235	2021-10-08T04:54:45.124Z
8648.847735	59.0	5.2	243	2021-10-08T16:54:45.132Z
8903.71078	59.0	5.2	281	2021-10-09T04:54:45.140Z
8710.135809	59.0	5.2	135	2021-10-09T16:54:45.126Z
8845.737693	58.8	5.2	151	2021-10-10T04:54:45.138Z
8383.064402	59.0	5.2	308	2021-10-10T16:54:45.126Z
8474.41634	59.1	5.2	287	2021-10-11T04:54:45.141Z
9334.535773	58.9	5.2	279	2021-10-11T16:54:45.147Z
9259.244404	59.0	5.2	162	2021-10-12T04:54:45.135Z
8539.275937	58.9	5.2	251	2021-10-12T16:54:45.130Z
9693.861363	58.9	5.2	271	2021-10-13T04:54:45.129Z
9341.00809	58.9	5.2	326	2021-10-13T16:54:45.127Z
8821.763651	58.9	5.2	327	2021-10-14T04:54:45.148Z
9172.972533	59.0	5.2	240	2021-10-14T16:54:45.283Z
8395.166613	58.8	5.2	176	2021-10-15T04:54:45.139Z
8759.741459	59.1	5.2	278	2021-10-15T16:54:45.131Z
9085.061793	59.0	5.2	166	2021-10-16T04:54:45.131Z

Device Node location: Sedona, AZ.

UUID#
2bba0732-9021-11ec-b909-0242ac120002

AC Load	kWh	Data Usage (kb)	Energy Trades per Watt	Timestamp
9341.523516	58.9	5.2	221	2021-10-16T16:54:45.132Z
9457.565246	59.0	5.2	261	2021-10-17T04:54:45.129Z
9515.165279	59.0	5.2	275	2021-10-17T16:54:45.131Z
9308.455016	59.0	5.2	288	2021-10-18T04:54:45.133Z
9513.554466	58.9	5.2	255	2021-10-18T16:54:45.132Z
8902.869979	59.0	5.2	339	2021-10-19T04:54:45.131Z
8896.972513	58.9	5.2	193	2021-10-19T16:54:45.137Z
9574.883977	59.0	5.2	300	2021-10-20T04:54:45.139Z
9090.498219	58.9	5.2	298	2021-10-20T16:54:45.135Z
8812.773871	58.9	5.2	195	2021-10-21T04:54:45.149Z
9054.614555	59.0	5.2	278	2021-10-21T16:54:45.142Z
9477.085923	59.0	5.2	145	2021-10-22T04:54:45.137Z
8403.371557	58.9	5.2	153	2021-10-22T16:54:45.135Z
8942.140332	59.0	5.2	334	2021-10-23T04:54:45.136Z
8508.573346	58.9	5.2	289	2021-10-23T16:54:45.151Z
8600.590597	58.9	5.2	195	2021-10-24T04:54:45.152Z
8412.750683	59.0	5.2	162	2021-10-24T16:54:45.145Z
9094.366057	59.0	5.2	225	2021-10-25T04:54:45.148Z
9328.489244	59.0	5.2	200	2021-10-25T16:54:45.144Z
9531.900779	59.0	5.2	282	2021-10-26T04:54:45.157Z
9136.23715	59.0	5.2	346	2021-10-26T16:54:45.146Z
8967.49876	58.9	5.2	164	2021-10-27T04:54:45.168Z
9006.593728	58.9	5.2	218	2021-10-27T16:54:45.163Z
8777.112227	59.0	5.2	197	2021-10-28T04:54:45.153Z
8362.463737	59.0	5.2	182	2021-10-28T16:54:45.159Z
9434.368522	59.0	5.2	301	2021-10-29T04:54:45.156Z
9378.627187	59.1	5.2	347	2021-10-29T16:54:45.218Z
9361.09631	58.8	5.2	156	2021-10-30T04:54:45.169Z
9465.067884	59.0	5.2	282	2021-10-30T16:54:45.176Z
7845.525281	59.1	5.2	132	2021-10-31T04:54:45.229Z
8967.052174	59.0	5.2	126	2021-10-31T16:54:45.223Z

Device ID: 5491:5682

AC Load	kWh	Data Usage (kb)	Energy Trades per Watt	Timestamp
9485.520139	59.0	5.2	150	2021-11-01T04:54:45.172Z
8676.01101	59.1	5.2	227	2021-11-01T16:54:45.171Z
8884.206174	59.0	5.2	337	2021-11-02T04:54:45.171Z
9125.411012	59.1	5.2	260	2021-11-02T16:54:45.228Z
8652.394869	59.1	5.2	288	2021-11-03T04:54:45.243Z
9283.156655	58.9	5.2	346	2021-11-03T16:54:45.162Z
8551.016773	58.9	5.2	215	2021-11-04T04:54:45.166Z
8689.015794	59.0	5.2	186	2021-11-04T16:54:45.176Z
8991.591251	58.8	5.2	175	2021-11-05T04:54:45.167Z
9559.459887	59.0	5.2	153	2021-11-05T16:54:45.165Z
8543.658823	58.9	5.2	146	2021-11-06T04:54:45.232Z
8155.355882	59.1	5.2	222	2021-11-06T16:54:45.188Z
8625.276547	59.0	5.2	151	2021-11-07T04:54:45.171Z
8844.742548	59.0	5.2	240	2021-11-07T16:54:45.170Z
8914.69634	59.0	5.2	165	2021-11-08T04:54:45.172Z
9759.402675	59.0	5.2	331	2021-11-08T16:54:45.175Z
8481.456177	59.0	5.2	313	2021-11-09T04:54:45.180Z
8948.637411	59.1	5.2	306	2021-11-09T16:54:45.240Z
8465.754945	59.0	5.2	349	2021-11-10T04:54:45.176Z
9216.172702	58.9	5.2	198	2021-11-10T16:54:45.179Z
9080.75759	59.0	5.2	143	2021-11-11T04:54:45.180Z
9568.139767	58.9	5.2	192	2021-11-11T16:54:45.181Z
9422.670062	58.9	5.2	260	2021-11-12T04:54:45.183Z
8738.857885	59.1	5.2	338	2021-11-12T16:54:45.198Z
9652.070863	59.0	5.2	241	2021-11-13T04:54:45.177Z
8584.523101	59.0	5.2	186	2021-11-13T16:54:45.288Z
9113.28817	59.0	5.2	170	2021-11-14T04:54:45.182Z
9745.388509	58.9	5.2	208	2021-11-14T16:54:45.193Z
8469.601647	59.0	5.2	288	2021-11-15T04:54:45.184Z
9144.674993	58.9	5.2	345	2021-11-15T16:54:45.188Z
8897.583932	59.0	5.2	337	2021-11-16T04:54:45.261Z
8897.583932	59.1	5.2	337	2021-11-16T04:54:45.261Z

Device ID: 5491:5682

AC Load	kWh	Data Usage (kb)	Energy Trades per Watt	Timestamp
8684.477123	59	5.2	304	2021-11-16T16:54:45.186Z
8269.132909	59	5.2	203	2021-11-17T04:54:45.247Z
8430.85571	58.8	5.2	331	2021-11-17T16:54:45.194Z
9285.068594	59	5.2	236	2021-11-18T04:54:45.188Z
9303.203167	59	5.2	315	2021-11-18T16:54:45.264Z
9192.814751	59	5.2	240	2021-11-19T04:54:45.249Z
9369.492829	58.9	5.2	225	2021-11-19T16:54:45.198Z
9163.559045	59	5.2	283	2021-11-20T04:54:45.201Z
8708.755546	58.9	5.2	304	2021-11-20T16:54:45.191Z
8683.794737	58.9	5.2	223	2021-11-21T04:54:45.228Z
8724.412575	58.9	5.2	295	2021-11-21T16:54:45.198Z
9077.089519	59	5.2	337	2021-11-22T04:54:45.209Z
8943.549524	58.9	5.2	219	2021-11-22T16:54:45.195Z
9636.629439	59	5.2	316	2021-11-23T04:54:45.196Z
8545.410826	59	5.2	194	2021-11-23T16:54:45.212Z
9059.069435	59	5.2	306	2021-11-24T04:54:45.211Z
9073.064264	58.9	5.2	287	2021-11-24T16:54:45.212Z
8596.492139	59	5.2	340	2021-11-25T04:54:45.205Z
8715.15944	59	5.2	217	2021-11-25T16:54:45.204Z
9261.551766	59	5.2	206	2021-11-26T04:54:45.203Z
8834.356865	59	5.2	202	2021-11-26T16:54:45.201Z
9144.849035	58.9	5.2	308	2021-11-27T04:54:45.205Z
9464.550595	58.9	5.2	277	2021-11-27T16:54:45.206Z
8927.927576	59	5.2	228	2021-11-28T04:54:45.205Z
8862.710783	59	5.2	330	2021-11-28T16:54:45.205Z
9841.126999	58.9	5.2	259	2021-11-29T04:54:45.202Z
8959.213709	59	5.2	220	2021-11-29T16:54:45.206Z
9132.975568	58.9	5.2	190	2021-11-30T04:54:45.206Z
9121.069011	59	5.2	197	2021-11-30T16:54:45.231Z
8955.044382	59	5.2	185	2021-12-01T04:54:45.216Z
9538.542129	59	5.2	255	2021-12-01T16:54:45.208Z

Device ID: 5491:5682

AC Load	kWh	Data Usage (kb)	Energy Trades per Watt	Timestamp
8585.534503	59.1	5.2	345	2021-12-02T04:54:45.223Z
8766.99798	59.0	5.2	221	2021-12-02T16:54:45.211Z
8964.258224	58.9	5.2	261	2021-12-03T04:54:45.214Z
9826.142887	59.0	5.2	275	2021-12-03T16:54:45.215Z
9792.751945	59.1	5.2	288	2021-12-04T04:54:45.215Z
8646.576715	59.0	5.2	255	2021-12-04T16:54:45.241Z
9310.107386	59.0	5.2	339	2021-12-05T04:54:45.225Z
8938.486557	58.9	5.2	193	2021-12-05T16:54:45.221Z
8888.366561	59.2	5.2	300	2021-12-06T04:54:45.219Z
8867.254839	58.9	5.2	298	2021-12-06T16:54:45.243Z
8953.003736	58.9	5.2	195	2021-12-07T04:54:45.225Z
9306.514071	59.0	5.2	278	2021-12-07T16:54:45.379Z
8467.753387	59.0	5.2	145	2021-12-08T04:54:45.233Z
8616.436681	59.0	5.2	153	2021-12-08T16:54:45.227Z
8850.007475	59.0	5.2	334	2021-12-09T04:54:45.256Z
9251.708623	59.0	5.2	289	2021-12-09T16:54:45.289Z
9508.780844	58.9	5.2	195	2021-12-10T04:54:45.226Z
9116.430189	59.1	5.2	162	2021-12-10T16:54:45.234Z
8912.716832	59.0	5.2	225	2021-12-11T04:54:45.231Z
8680.108734	58.9	5.2	200	2021-12-11T16:54:45.228Z
8382.140075	58.9	5.2	282	2021-12-12T04:54:45.233Z
9112.724716	59.0	5.2	346	2021-12-12T16:54:45.232Z
9258.512358	59.0	5.2	164	2021-12-13T04:54:45.234Z
8978.732989	58.8	5.2	218	2021-12-13T16:54:45.234Z
8871.961938	59.0	5.2	197	2021-12-14T04:54:45.235Z
8376.675143	59.0	5.2	182	2021-12-14T16:54:45.237Z
8737.210126	59.0	5.2	301	2021-12-15T04:54:45.254Z
9247.026232	59.0	5.2	347	2021-12-15T16:54:45.238Z
9599.921329	58.9	5.2	156	2021-12-16T04:54:45.241Z
9368.296581	59.0	5.2	282	2021-12-16T16:54:45.254Z
8745.424435	58.9	5.2	132	2021-12-17T04:54:45.303Z

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AC Load	kWh	Data Usage (kb)	Energy Trades per Watt	Timestamp
9734.562824	58.9	5.2	206	2021-12-17T16:54:45.245Z
8941.711943	59.0	5.2	202	2021-12-18T04:54:45.258Z
8816.917555	59.0	5.2	308	2021-12-18T16:54:45.246Z
8140.515669	59.0	5.2	277	2021-12-19T04:54:45.249Z
8590.655551	58.9	5.2	228	2021-12-19T16:54:45.260Z
8989.248705	59.0	5.2	330	2021-12-20T04:54:45.249Z
9154.670107	59.0	5.2	259	2021-12-20T16:54:45.248Z
8559.775975	59.0	5.2	220	2021-12-21T04:54:45.249Z
8691.769939	58.9	5.2	190	2021-12-21T16:54:45.251Z
9272.307057	58.9	5.2	197	2021-12-22T04:54:45.254Z
8505.21551	59.0	5.2	185	2021-12-22T16:54:45.321Z
9054.032697	59.0	5.2	255	2021-12-23T04:54:45.256Z
9610.883715	58.9	5.2	263	2021-12-23T16:54:45.322Z
9052.8477	59.0	5.2	136	2021-12-24T04:54:45.265Z
9066.961396	58.9	5.2	135	2021-12-24T16:54:45.260Z
8877.534322	59.0	5.2	238	2021-12-25T04:54:45.264Z
9089.897483	59.0	5.2	202	2021-12-25T16:54:45.262Z
9115.262983	58.9	5.2	126	2021-12-26T04:54:45.275Z
9123.829054	59.0	5.2	272	2021-12-26T16:54:45.276Z
9612.243912	58.8	5.2	314	2021-12-27T04:54:45.274Z
9527.327217	58.9	5.2	258	2021-12-27T16:54:45.261Z
9257.117676	58.9	5.2	324	2021-12-28T04:54:45.328Z
9224.208465	58.9	5.2	197	2021-12-28T16:54:45.279Z
9241.036494	59.0	5.2	236	2021-12-29T04:54:45.325Z
10115.98342	59.1	5.2	120	2021-12-29T16:54:45.274Z
8772.472691	59.0	5.2	144	2021-12-30T04:54:45.274Z
8202.311661	59.0	5.2	209	2021-12-30T16:54:45.271Z
8743.867713	58.9	5.2	202	2021-12-31T04:54:45.268Z
8991.995259	58.9	5.2	344	2021-12-31T16:54:45.289Z
8355.388161	59.0	5.2	227	2022-01-01T04:54:45.270Z
9433.861159	59.0	5.2	309	2022-01-01T16:54:45.280Z
	59.1	5.2	316	

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AC Load	kWh	Data Usage (kb)	Energy Trades per Watt	Timestamp
8537.335136	59.0	5.2	304	2022-01-02T04:54:45.273Z
9299.005301	58.9	5.2	203	2022-01-02T16:54:45.272Z
8984.013316	58.9	5.2	331	2022-01-03T04:54:45.272Z
8924.73767	58.9	5.2	236	2022-01-03T16:54:45.436Z
9748.157249	58.9	5.2	315	2022-01-04T04:54:45.277Z
9494.27589	59.0	5.2	240	2022-01-04T16:54:45.275Z
8509.617717	59.1	5.2	225	2022-01-05T04:54:45.287Z
8430.630555	58.9	5.2	283	2022-01-05T16:54:45.293Z
9252.219295	59.0	5.2	304	2022-01-06T04:54:45.435Z
8974.585957	59.0	5.2	223	2022-01-06T16:54:45.279Z
9045.408751	58.9	5.2	295	2022-01-07T04:54:45.280Z
9082.503986	58.9	5.2	337	2022-01-07T16:54:45.277Z
8801.768409	59.1	5.2	219	2022-01-08T04:54:45.359Z
9687.359999	59.0	5.2	316	2022-01-08T16:54:45.299Z
9424.159901	58.9	5.2	194	2022-01-09T04:54:45.291Z
8480.801743	58.9	5.2	306	2022-01-09T16:54:45.292Z
9652.758	59.0	5.2	287	2022-01-10T04:54:45.288Z
9537.262864	59.0	5.2	340	2022-01-10T16:54:45.294Z
9416.616303	58.8	5.2	217	2022-01-11T04:54:45.294Z
8754.671056	59.1	5.2	263	2022-01-11T16:54:45.298Z
9966.170564	58.9	5.2	136	2022-01-12T04:54:45.301Z
8771.248739	59.1	5.2	135	2022-01-12T16:54:45.310Z
8684.084619	58.9	5.2	238	2022-01-13T04:54:45.299Z
8854.31492	59.0	5.2	202	2022-01-13T16:54:45.294Z
9025.07238	59.0	5.2	251	2022-01-14T04:54:45.301Z
10504.72043	59.1	5.2	209	2022-01-14T16:54:45.323Z
8689.751307	58.9	5.2	226	2022-01-15T04:54:45.304Z
9054.83868	58.9	5.2	284	2022-01-15T16:54:45.305Z
8683.016192	59.0	5.2	286	2022-01-16T04:54:45.308Z
8935.882068	59.0	5.2	174	2022-01-16T16:54:45.305Z
8629.598963	58.9	5.2	300	2022-01-17T04:54:45.309Z
	58.1	5.2		

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AC Load	kWh	Data Usage (kb)	Energy Trades per Watt	Timestamp
8526.38509	59.0	5.2	141	2022-01-17T16:54:45.373Z
9512.259592	59.0	5.2	335	2022-01-18T04:54:45.313Z
8292.324473	59.1	5.2	285	2022-01-18T16:54:45.320Z
8895.251116	58.9	5.2	255	2022-01-19T04:54:45.374Z
8238.173112	59.0	5.2	278	2022-01-19T16:54:45.331Z
9538.023617	59.0	5.2	179	2022-01-20T04:54:45.392Z
9225.538232	58.9	5.2	231	2022-01-20T16:54:45.324Z
8373.001465	58.8	5.2	223	2022-01-21T04:54:45.315Z
9351.069083	59.1	5.2	193	2022-01-21T16:54:45.380Z
8804.831931	58.9	5.2	298	2022-01-22T04:54:45.392Z
8581.640899	59.0	5.2	248	2022-01-22T16:54:45.318Z
8568.686669	58.9	5.2	221	2022-01-23T04:54:45.379Z
8517.417759	59.0	5.2	302	2022-01-23T16:54:45.317Z
8666.537606	59.0	5.2	255	2022-01-24T04:54:45.321Z
9650.066899	59.0	5.2	333	2022-01-24T16:54:45.322Z
8791.987261	59.0	5.2	162	2022-01-25T04:54:45.330Z
9309.07055	59.0	5.2	212	2022-01-25T16:54:45.352Z
8780.302274	59.0	5.2	264	2022-01-26T04:54:45.340Z
8452.722589	58.9	5.2	214	2022-01-26T16:54:45.329Z
8183.064375	58.9	5.2	210	2022-01-27T04:54:45.348Z
9041.612549	58.9	5.2	203	2022-01-27T16:54:45.336Z
8681.110584	59.0	5.2	287	2022-01-28T04:54:45.356Z
8812.024723	58.9	5.2	134	2022-01-28T16:54:45.341Z
8700.848748	58.9	5.2	163	2022-01-29T04:54:45.340Z
8493.403632	58.9	5.2	229	2022-01-29T16:54:45.352Z
8985.367888	59.0	5.2	241	2022-01-30T04:54:45.359Z
9444.625301	59.1	5.2	280	2022-01-30T16:54:45.348Z
9035.403461	58.9	5.2	205	2022-01-31T04:54:45.347Z
8896.51541	59.1	5.2	134	2022-01-31T16:54:45.358Z
8896.51541	58.9	5.2	134	2022-01-31T16:54:45.358Z

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