How NRGY Works

Summary

We are thankful and fortunate to introduce NRGY Defi financial system and it is going to change everything for those who choose to be part of it. NRGY is a fundamental advance in financial system technology and design.

Today we are announcing four innovations.

1. The first is a digital asset where every holder from inception adds capital directly into a liquidity pool that backs its value. No influencer giveaways, developer cuts or
hardware mining that gives one user a built-in price advantage over another. This fair economics is the recipe for a deeply liquid and popular financial asset.

2. The second is the limited elastic supply of NRGY. Minting is controlled by the amount of capital added to Market Maker Staking contract. New supply only increases as more capital backs $NRGY liquidity. More capital into the system means more supply.

3. The third is this is the first DeFi app hosted on the interplanetary file system IPFS. This is truly a decentralized application that has no central servers to maintain or that can fail. This also makes NRGY the first unstoppable Defi App.

4. The fourth is a Defi App store and ecosystem where users purchase breakthrough Apps. And developers gain new users. Creators share part of the revenues not with a centralized entity but instead with a decentralized community of to NRGY holders inside its Market Minting Contract. Just one blockbuster application in its store would be enough to propel the market value of NRGY.

**These are not 4 separate innovations but one integrated and powerful financial system.**

Defi will be a marketplace of financial services and NRGY is designed to attract capital and developers that will create a better financial future. NRGY user interface automation is built on Uniswap making it easier to use.

You now can choose which global financial system you want to participate in. Superior financial systems are now accessible that protect information, promote fairness in economic transactions of value and combine the benefits crowd intelligence.

New decentralized financial systems are made possible by rapidly expanding and increasingly available DeFi technologies.
For example, Amazon (products and services) and Facebook (Advertising and Services) harnessed the power of Internet technologies to create financial systems and markets that allow users to transact in more efficient ways.

Currently, DeFi technologies such as Uniswap (Decentralized Markets) and Ethereum (smart contracts) allow NRGY to create new financial systems that are an evolutionary advantage.

The times of your choice being solely limited to a single old inequitable financial system has come to an end. Decentralized financial technologies can now be used to increase an individual’s available choices that will have a significant impact on well-being. Financial outcomes will be determined not only by the choices you made in your occupation or business but also by your choice of the financial system that you direct your business efforts, labor, and investments.

The NRGY financial system is founded upon the principal of individual choice and is free of legacy economic factors and barriers that are a cause of wealth disparity. NRGY is new and from the start has been hard coded with fair market principles that gives its participants opportunities not available in any other system. NRGY intends to disrupt the status quo that has disadvantaged the many for the benefit of the few.

Why create a new financial system with a new digital asset.
From the start by synchronizing 100% of the capital input to a pool of capital targets the availability of liquidity for the NRGY digital asset to the highest theoretical threshold. Early adopters will benefit from the first 100 weeks of rapid growth that is regulated by capital inflows into the system.

**Participate in the Early Growth Phase**
Investors seek a vehicle with which the greatest part of its growth is ahead, instead of behind it. This is an opportunity over the first 100 weeks.

Wealth is created when technologies were used to build economic systems. A strong growing value in NRGY will be a catalyst for developers to create new marketplaces and services platforms. The creation of new NRGY Dapps (Decentralized Apps) that are the revenue generator of the NRGY financial system over the long term.

Be part of a rapid growth phase as we build NRGY into the number 1 aggregator DeFi financial systems. Building

Be part of a financial system entirely controlled by non-changing smart contracts devoid of politics and manipulation.

Own a digital asset with no centralized ownership, control, or external governance. No pre-mine or central developer share. No one owns the smart contracts. NRGY is open to all users, developers, and projects.

Benchmarks

Capital

Guided by fair market principals from the start to promote deep liquidity in $NRG. By liquidity, we mean the availability of $NRGY to swapped into cash.

The smart contracts have been designed so that the capital input into the financial system is proportional to outstanding supply. Deep liquidity in DeFi depends on the
capital in the pool backing the value of the token. It is the networks incentivized design to steadily promote an increase the amount of capital backing the liquidity of $NRGY. Anyone can use the easy interface to become a new Market Maker over next 100 weeks.

Supply

Minting rewards are open to any person who deposits $NRGY into the Market Maker Contract. All mining of new tokens is done through rewards to $NRGY.

Services

Grow the NRGY ecosystem of decentralized financial services. (See the Apps) Developers are incentivized by receiving 80% of generated transaction fees in the liquid growing $NRGY cryptocurrency with 20% being distributed to Market Makers that have a minimum 25 NRGY balance in the Market Maker Staking contract

Innovation, Decentralized Market Maker Minting

Market Makers receive direct rewards based on their performance of maximizing market price and reaching new mining targets and performing activities that inform others about NRGY. Market Makers balance their interests of maximizing future yield and current market price. By becoming a Market Maker a user receives the distribution of newly minted coin rewards and decides when to put them into the Uniswap for public trading. Market Makers can swap removing liquid cash or deposit a composition of USDC and $NRGY.
Market Maker Minting- is an active staking contract with which users receive minting rewards and possible App fee rewards for making a market in $NRGY. This allows users to access high reward growth mining built into the $NRGY.

Market Makers receive all the new coins minted by the $NRGY market maker and auto buy algorithms. $NRGY supply is created only when new capital is added to the $NRGY/USDC liquidity pool. When more $NRGY is added to market making, the mining algorithm mints new coins that are added as a reward to the market making pool or made available for direct market making purchases.

Growth Limits

Amounts allowed into market making each week are capped at 4% growth of total MMM (Market Maker Mining) staking balance. Fees that are distributed have no limit and are evenly spread among participants who have a minimum 25 NRGY balance in Market Making.

$NRGY supply is elastic increasing based upon how much capital liquidity is added and deposited into the MMM pool (Market Making Minting). Supply growth is accelerated for the first 4 of the 100 weeks of mining to get an adequate initial supply circulating. Its supply is difficult to predict NRGY future supply because minting only occurs based upon capital deposited into the designated pool on Uniswap. New supply will cease to be created after 100 weeks of launch.

NRGY App Store Defi Ecosystem

NRGY is the App Store for Defi with independently developed new services.
1. Transaction fees from Defi services go to Market Makers growing balances from the ecosystem. Unlike minting rewards there is no limit to the amount of fees that can be earned each week.

2. Fees from linked Apps that generate $NRGY transactions provide the potential for continuous buying of $NRGY on Uniswap that supports its market price.

3. Apps on the NRGY network transact using $NRGY. Developers focus on making great services for investors and traders.

Decentralized Defi Services platform - Developers gain and engage new users with trading and investment technology. Developers add independently developed Dapps to the NRGY network.

Meet NRGY Apps, Trading Tools and Defi services

Brank Defi beta

A simplified user interface for traders of all experience levels that makes trading on Defi easier and safer. Brank Defi trading interface executes live Defi orders. When a user places a trade a transaction fee is charged. The fees are collected by NRGY fee contract that buys $NRGY continuously as fee accrue.
Trade Genie beta

Automatic trading on Defi. Developers can build in Trading View charge a subscription fee or link a smart contract fund so users can run it.
Valo-beta

A decentralized Forex trading program that allocates its services using a smart decentralized contract. Works with Forex brokers with no software to install or hosting monthly charges. A decentralized application to autonomously trade Forex. Users use $NRGY as payment to activate service.
Smart Contract Funds – Beta

Setup your own smart contract and let others participate in your trades.
TradingApp.crypto - Decentralized Fee Free Defi trading - Under development

Trading App.crypto is a decentralized App for Uniswap that allows private peer to peer, gas free trading of any crypto long or short. Built on top of Uniswap this service will enable peer to peer privacy focused transactions. By protecting trading position information and reducing transaction costs on a nonprofit basis TradingApp.crypto can provide a better way to transact. App designs and development updates will be posted.
Market makers are incentivized with future rewards (4 weeks). Market Makers ensure they maintain an adequate supply in the Uniswap liquidity pool to allow new market miners to buy $NRGY with more capital. NRGY algorithm circulation disbursed mined coins based upon deposits.

In this manner $NRGY rewards independent staking market makers. A Market Maker adds $NRGY into Market making Minting Contract. The market maker in the NRGY project must add USDC liquidity into the NRGY/USDC pool to receive $NRGY minting rewards.

Market Makers also provide liquidity buy using the auto buy interface on NRGY. Amounts provided by the user remain in the pool, earns a yield (APY) from the 0.3% transaction fee charged by Uniswap on every transaction. When adding liquidity a user wallet receives in exchange the LP (Liquidity Provider Token) that will be needed for the final redeem. At the time of redeeming, the user by returning the LP receives as a yield and funds deposited.

**Schedule of Total Minting Rewards Disbursed to Pool**

Week 2 - 10% of added shared amount  
Week 3 - 30% of added shared amount  
Week 4 - 60% of added shared amount

**The Reward Burn**

In order to prevent Market Makers from entering and leaving market maker contract just to artificially generate minting rewards, the system charges a 7.5% burn (permanently destroyed) which makes it unprofitable to enter and leave the staking contract for less than 2 weeks. The burn mechanism reduces supply when rewards are withdrawn from market maker contract. This permanently reduces the amounts in
circulation making $NRGY rarer. Assuming weekly market maker deposit limit is reached each week, then a 4% growth in balance may occur. Minting rewards from market maker deposits can cover the 7.5% burn withdrawal cost in as little as two weeks.

How NRGY Financial System Works
Discussion of NRGY Financial System

Key Smart Contracts

1. $NRGY/USDC Uniswap Contract. All funds are deposited into this smart contract.


3. NRGY Market Maker Mining Contract

4. NRGY Minting Contract. Creates new coins only as capital is increased on Unswap.

5. NRGY Fee Contract. Pay out share of App store fees to each market Maker in the MMM contract. Developers are paid out of revenues in App store.

Weekly market making rewards. For minting through market making $NRGY

1. Any time you deposit funds into market making contract it generates a future mining reward over the next 4 weeks.
2. Purchase $NRGY and then stake it to mine a new supply that is limited to 4%.

NRGY Innovation is the market making minting. In addition to the automatic market maker function $NRGY adds a human element in managing supply and demand.
Minted rewards of $NRGY happen when an amount of $NRGY is added to staking. Newly minted $NRGY is shared over following 4 weeks. New purchasers are incentivized by to buy $NRGY on Uniswap and stake due to the high APY potential.

Market maker mining adds human element to AMM market making model. All new supply of $NRGY are rewarded to market makers inside the market maker pool. Market makers are incentivized.

Market makers must maintain an adequate supply of coins available for new Market maker deposits to mine new rewards over next 3 weeks. Incentivized so the maximum 4% reward target is reached.

Market makers are incentivized to attract new market makers as this bolsters capital liquidity and to ensure future mining rewards to the market makers.

$NRGY Features

$NRGY offers high APY with developer fee adding $NRGY to market maker balances. Market Maker Miners receive 20% of the developer payouts through automatic perpetual open market buying of $NRGY into the market making minting contract.

All new supply is provided to market maker minting with an additional 20 percent going to the liquidity buy program. The liquidity buy program allows users to join market maker staking and increase liquidity on Uniswap.
Market Makers Receives 20% of the continuous open market buying program generated from fees from usage fees paid to Defi developers.

The computer protocol provides for matching of users and custody of funds completely using technology. In this way fees are more equitably shared among users. Imagine if fee revenues from centralized banking and financial institutions are more fairly distributed to end-users. In the cryptocurrency market the just the top 10 exchanges generate 7 billion dollars annually in fees. With Defi these fees are distributed as a yield to a decentralized group of users.

Decentralized finance or Defi tokens have provided outsized returns over the past year. The benefits of these tokens vary but they share in one of the greatest innovations in financial markets. It is called the AMM (Auto Market Maker) model of making a market. When This is the biggest innovation in financial markets since capital markets began.

**Background**

In all other financial markets, stocks commodities etc, the price is defined by a bid-offer spread with market makers putting orders up. With Defi the price is found by the composition of the pool (called the “constant product market maker model”).

When Investors looking to exchange one token for another trade in the pool one or the other is added or removed from the pool and the protocol automatically sets the new price on each transaction. for the other automatically adjusting price. AMM (Auto Market Maker) allows decentralized tokens to be priced against exchange listed coins to discover market value.

There are two types of transactions in AMM pools.
1. **Swap.** This is where one coin in the pool is replaced by another this causes the price to increase or decrease.

2. **Liquidity Deposits.** In this transaction a preset ratio of two coins are deposited in a ratio. This does not affect the price directly only when another transaction removes a coin from the pool and pays a fee. Fees from trading back and forth are shared with those who have made liquidity deposits generating a yield APY (Annual Percentage Yield).

Defi provides increased public liquidity and less market manipulation with ghost bids and offers. Price determined solely by transactions instead of bid and offer posting. Each transaction is limited to pool size reducing spikes decentralized tokens to be priced against exchange listed coins to discover market value. There are two types of transactions in AMM (Automatic Market Maker) pools.

1. **Swap:** This is where one coin in the pool is replaced by another this will cause the price to increase or decrease.

2. **Liquidity Deposit:** In this transaction a preset ratio of two coins are deposited but does not affect the price. Fees from trading back and forth are shared with those who have made liquidity deposits generating a yield called APY.

Defi cryptocurrencies offer new advantages over typical traditional digital assets these new features include the following.

1. The right to participate in the governance of the protocol that underlies the token (such as SUSHI UNISWAP, MKR or COMP)

2. Fee-based token burn mechanisms as an attempt to correlate long-term platform growth with supply reduction to benefit token value (e.g. KNC or MKR)

3. Staking, the ability to deposit tokens into a contract to earn more. (e.g. ZRX or SNX).
The concepts of “Liquidity Mining” and “Yield Farming”

By liquidity, we mean the availability of coins in the pool that can be swapped. By mining we mean computational power to mint new supply. These two concepts have been joined together in Defi to create a process.

When assets are deposited into the AMM (Auto Market Maker) pool a reward token is produced by the software and given as a reward to the pool depositors. This reward plus shared transaction fees equals a yield which is projected over 12 months.

Many Defi platform flood the market with reward tokens without adding additional capital to back the value and liquidity. This is an inherent economic liquidity gap in Defi that $NRGY cryptocurrency and ecosystem is designed to solve.
Overall, the market for Defi is booming and demonstrating strong financial growth.
$NRGY is Sufficiently Decentralized

The benchmark as to the question if a cryptocurrency being a security is based on whether the project is sufficiently decentralized. If it meets this threshold then it is not a security. That is why Bitcoin and Ethereum have been deemed acceptable based upon that they are sufficiently decentralized. NRGY is an Ethereum smart contract and token that is 100% decentralized from its inception. No proceeds go to any central issuer. All proceeds go into the market pool on Uniswap that anyone in the world can access. All participants are active and operate under the same decentralized relationship as set in the smart contract with one another. Success does not depend on the efforts of any other person or entity only the cumulative individual efforts of every participant in the collective network. No one owns or controls the smart contracts. All participants operate independently, and success depends upon their own efforts. Each developer builds apps to earn fees at their own expense and risk and is paid in transaction fees by network participants. All transaction fees are paid in $NRGY. There are no central developers. There is no public offering. Proceeds go to liquidity contract with no deductions. NRGY has no central issuer whose efforts determine the success for the passive investors. NRGY is a network of active independent users and developers.