



WHITEPAPER

DPI (Derivative Price Increase)



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Introducing

The main difference from other currencies is that the exchange rate is adjusted from mathematical algorithm, which calculates the cost value of coins. Next market price will be more than price of MONETA of the previous day.

This means the rate of coins can be changed during the day, but will not fall below yesterday's values. This unique rule is a huge advantage.

Since the course will continue to grow all time, the cost is calculated on the basis of yesterday's value. This exception makes our currency not affected by inflation and a very profitable for investment.

Process of price increase we calling **"DPI" - Derivative Price Increase.**



Pricing policies

Cost of Moneta is changing every day and all the time. Our developers calculate the initial price. The most popular digital currency like Bitcoin, Litecoin etc. formed by finding and decoding the encrypted block (in blockchain). This can only be done by powerful hardware, consuming huge amounts of electricity. In recent years, the profitability of production cryptocurrency greatly reduced.

Our engineers consulted came to the conclusion that mining encrypted blocks is a silly waste of resources of our planet. People wasted burn kilowatts of electricity at the same time very little profit. So it requires different technology. But for people to trust the system, we eliminate the human factor and fully rely on mathematical calculations.

As a result, we concluded that the initial value is equal to the average price of **1 kw/h** in the world. Thus, the initial price is set at a rate of 0.10 Euros. The conversion it to the Bitcoin **0.00050001฿** at time of develop MONETA system.

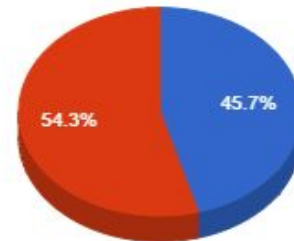


Cold-Black-Box safe storage.

Since we do not make big bets on the extraction of mining by means of coins, we developed Cold-Black-Box safe storage. Since the entire system can be no more than 184 million coins. decided to distribute the total number of coins into several parts:

- **54.3%** of all coins (100 million) are for mining and system uptime
- **45.7%** of all coins (84 million) are stored in the Cold-Black-Box in the offline mode.

COIN SUPPLY 184 000 000



Instead of mining coins from Cold-Black-Box are made available strictly on the **80,000 MONET** per day of the initial price of **0.00050001\$** (on the global average of **1 kw/h**). So we do not leave yourself a controlling interest and excluding the monopolization. The total number of coins allowing mining for users of the system most part of all coins. Moreover we guarantee the limitation of the market is not more than 80,000 coins per day. Issue in automatic mode on market.

It means:

Reserved 84 million MONET saved in Cold-Black-Box. And just 80k new MONET available on market per day.

$$\underline{84000000 / 80000 = 1050 \text{ days (3 years)}}$$

The all history of the movement is transparent and means anyone can view Moneta Blockchain Explorer.

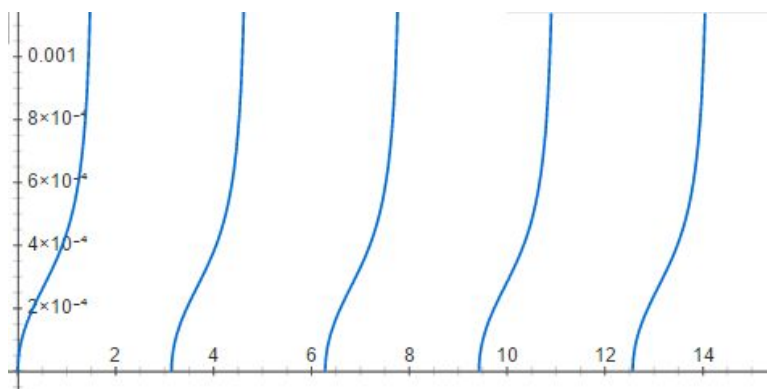
*** Cheaper to buy MONETA at the price 1 kw/h than spending their time and resources on mining.**

DPI (Derivative Price Increase)

To start the calculations, our developers used the value of the cost of the coin based on the average price for 1 kw/h of electricity. Namely 0.00050001 BTC. Applying the logarithmic derivatives of the function to calculate price of MONETAs on the next day.

Our partners - mathematics, engineers and programmers have created a unique formula for the automation calculations DPI.

$$\frac{\left(\sqrt{\frac{\tan(0.00050001)}{2\pi} \times \log_{10}(3.1415926) \times 0.001} \right)}{2}$$



- Series representations:

$$\sqrt{\tan(0.00050001) \log_{10}(\pi)} \cdot 0.0005 = 0.0005 \sqrt{i \log_{10}(\pi) \left(1 + 2 \sum_{k=1}^{\infty} (-1)^k q^{2k} \right)}$$

for $q = 1 + 0.00050001 i$

- Integral representations:

$$\sqrt{\tan(0.00050001) \log_{10}(\pi)} \cdot 0.0005 = 0.0005 \sqrt{\log_{10}(\pi) \int_0^{0.00050001} \sec^2(t) dt}$$

- Result:

$$7.8832088733208258644343080407250423147392346481706324581... \times 10^{-6}$$

After calculation we have new value in BTC **0.00000788 (788 satoshis)**

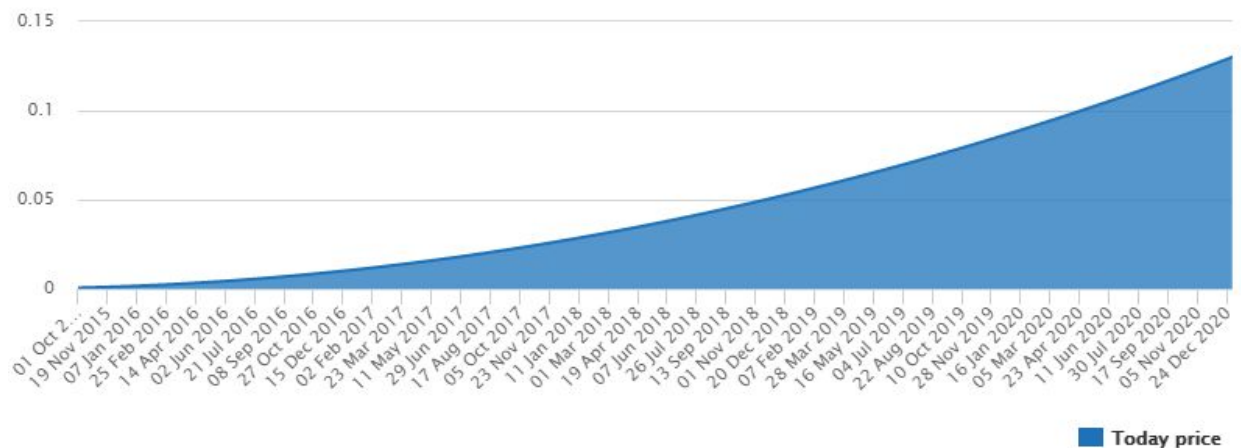
0.00000788 BTC - Derivative Price Increase value. This value is rise in tommorrow price.

And last step: add start price 0.00050001 with DPI value 0.00000788

$$0.00050001 + 0.0000788 = 0.00050789$$

Next day price = 0.00050789

Calculation in next five years give us next charts:



Yesterday	Yesterday DPI	Today	Tommorow DPI	Tommorow
0.00050001BTC	0.00000000BTC	0.00050001 BTC	0.00000788BTC	0.00050789 BTC
0.00050001BTC	0.00000788BTC	0.00050789 BTC	0.00000795BTC	0.00051584 BTC
0.00050789BTC	0.00000795BTC	0.00051584 BTC	0.00000801BTC	0.00052385 BTC
0.00051584BTC	0.00000801BTC	0.00052385 BTC	0.00000807BTC	0.00053191 BTC
0.00052385BTC	0.00000807BTC	0.00053191 BTC	0.00000813BTC	0.00054005 BTC
0.00053191BTC	0.00000813BTC	0.00054005 BTC	0.00000819BTC	0.00054824 BTC
0.00054005BTC	0.00000819BTC	0.00054824 BTC	0.00000825BTC	0.00055649 BTC
0.00054824BTC	0.00000825BTC	0.00055649 BTC	0.00000832BTC	0.00056481 BTC
0.00055649BTC	0.00000832BTC	0.00056481 BTC	0.00000838BTC	0.00057319 BTC
0.00056481BTC	0.00000838BTC	0.00057319 BTC	0.00000844BTC	0.00058163 BTC
0.00057319BTC	0.00000844BTC	0.00058163 BTC	0.00000850BTC	0.00059013 BTC

Yesterday	Yesterday DPI	Today	Tommorow DPI	Tommorow
0.00058163BTC	0.00000850BTC	0.00059013 BTC	0.00000856BTC	0.00059869 BTC
0.00059013BTC	0.00000856BTC	0.00059869 BTC	0.00000863BTC	0.00060732 BTC
0.00059869BTC	0.00000863BTC	0.00060732 BTC	0.00000869BTC	0.00061601 BTC
0.00060732BTC	0.00000869BTC	0.00061601 BTC	0.00000875BTC	0.00062476 BTC
0.00061601BTC	0.00000875BTC	0.00062476 BTC	0.00000881BTC	0.00063357 BTC
0.00062476BTC	0.00000881BTC	0.00063357 BTC	0.00000887BTC	0.00064244 BTC
0.00063357BTC	0.00000887BTC	0.00064244 BTC	0.00000894BTC	0.00065138 BTC
0.00064244BTC	0.00000894BTC	0.00065138 BTC	0.00000900BTC	0.00066038 BTC
0.00065138BTC	0.00000900BTC	0.00066038 BTC	0.00000906BTC	0.00066944 BTC
0.00066038BTC	0.00000906BTC	0.00066944 BTC	0.00000912BTC	0.00067856 BTC
0.00066944BTC	0.00000912BTC	0.00067856 BTC	0.00000918BTC	0.00068774 BTC
0.00067856BTC	0.00000918BTC	0.00068774 BTC	0.00000925BTC	0.00069699 BTC
0.00068774BTC	0.00000925BTC	0.00069699 BTC	0.00000931BTC	0.00070630 BTC
0.00069699BTC	0.00000931BTC	0.00070630 BTC	0.00000937BTC	0.00071566 BTC



For more information, as well as an immediately useable, binary version of the MONETA software, see

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