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The Economics of Bitcoin Mining

Stefan Loesch

The Short STOry Podcast

May 2020

Agenda



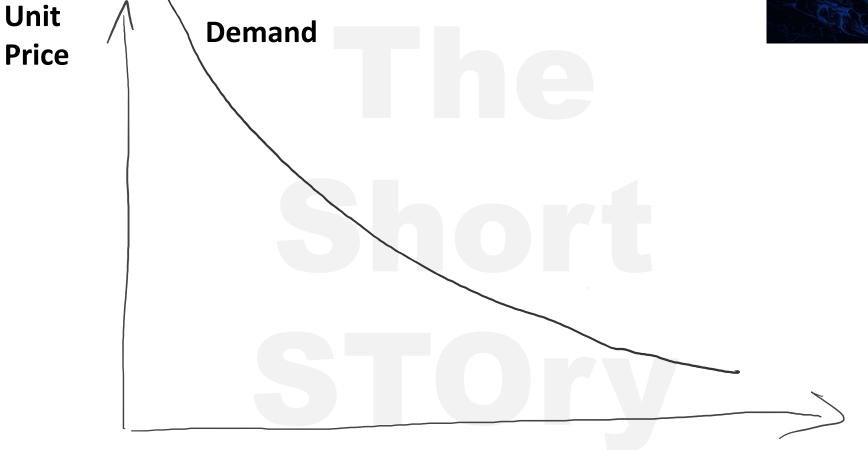
- 1. Background: The Halvening aka the mining reward will drop by almost half. What will this do?
- 2. Microeconomic supply vs demand analysis as an example (introducing cost curves).
- 3. Bitcoin mining cost vs reward analysis. The Bitcoin mining cost curve.



Microeconomic Supply / Demand Analysis

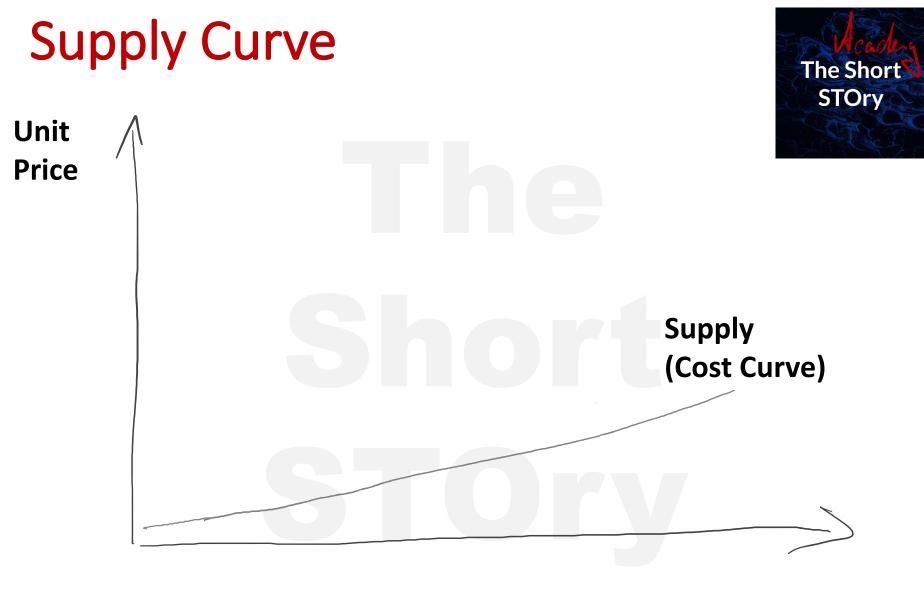
Demand Curve







9 May 2020

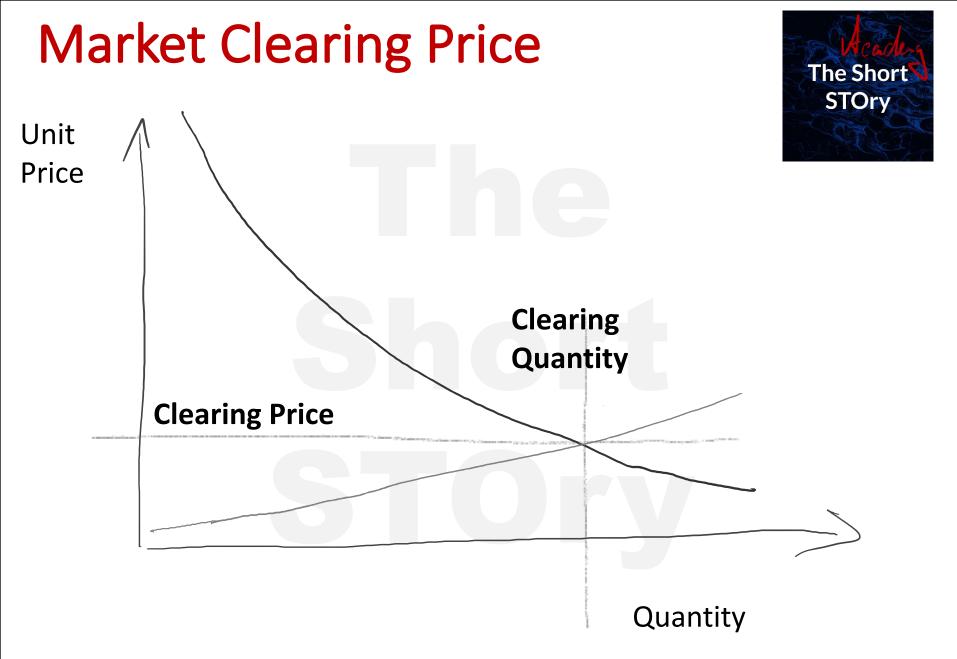


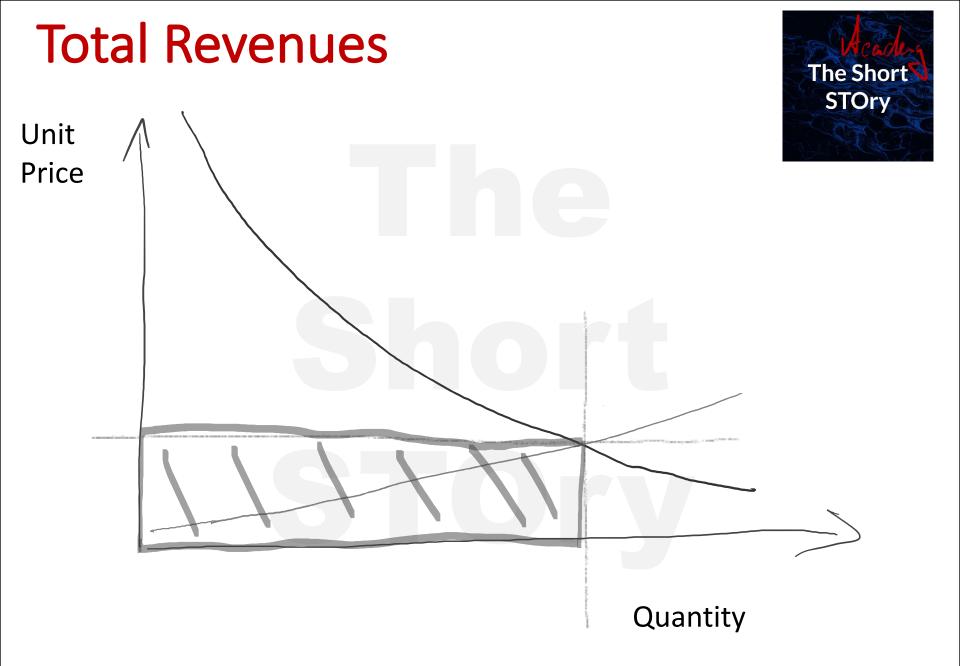
Quantity

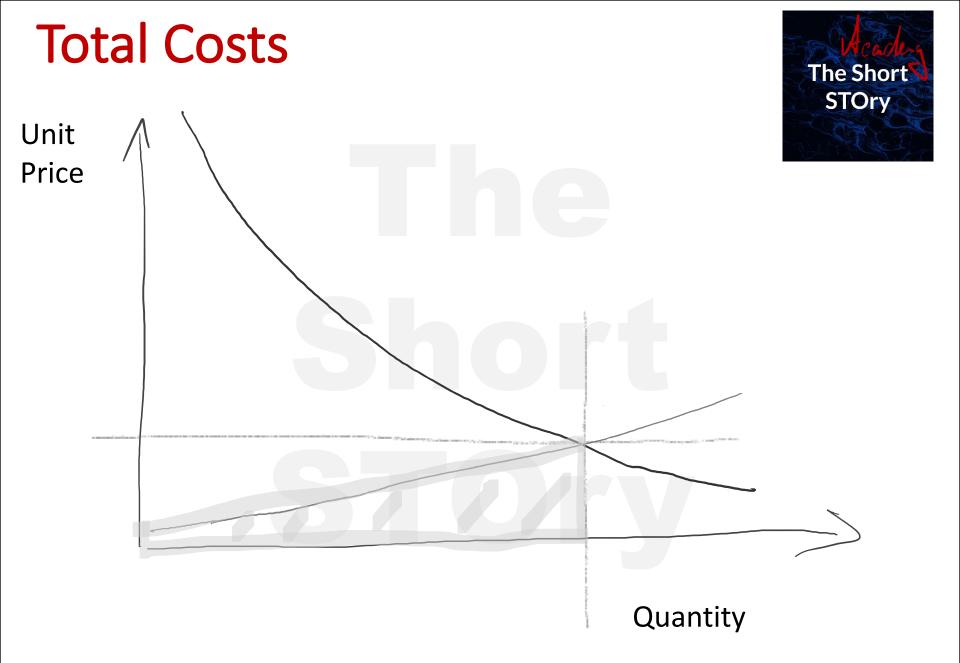
Supply Demand Chart The Short Unit Demand **Price** Supply (Cost Curve)

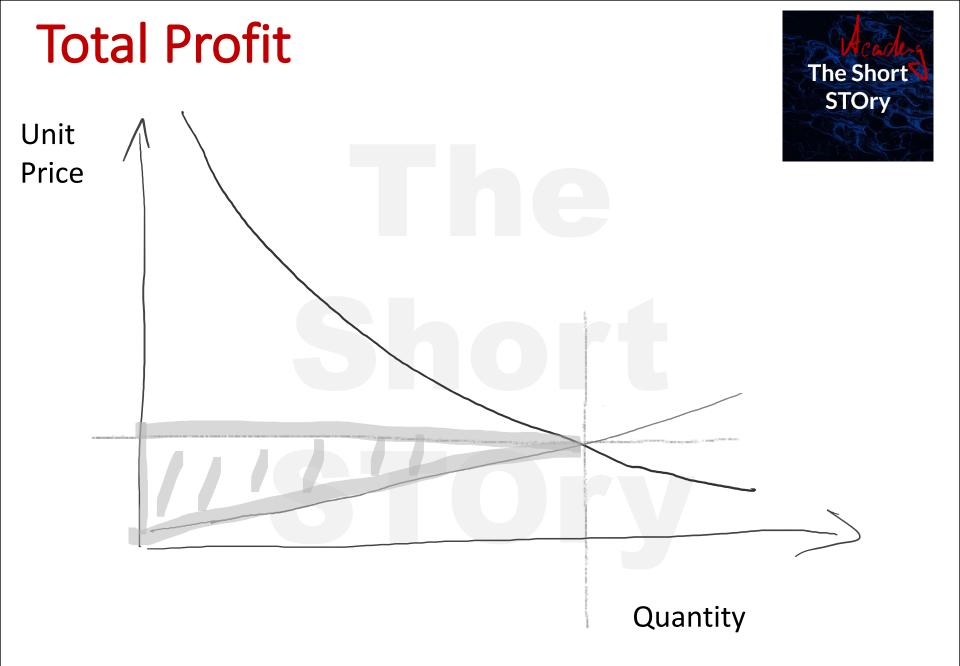
Quantity

STOry











The

The Microeconomics of Bitcoin Mining

Antminer S2 Equivalent Hashrate



1 Tera Hash Antminer S2 per equivalent sec*

*1TH/s = 1 trillion hashes per second

Mining Cost/Reward Chart

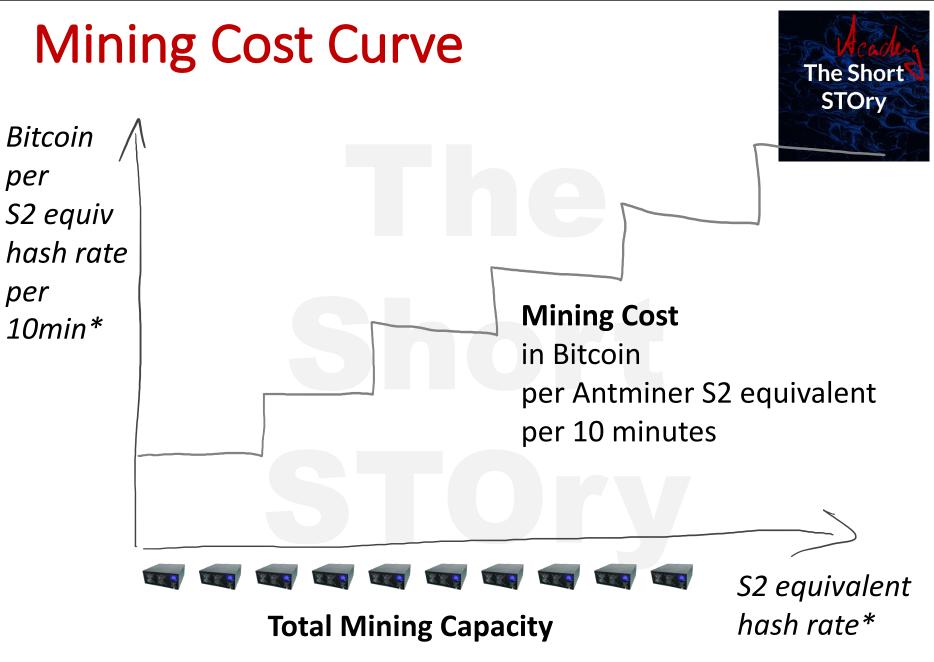




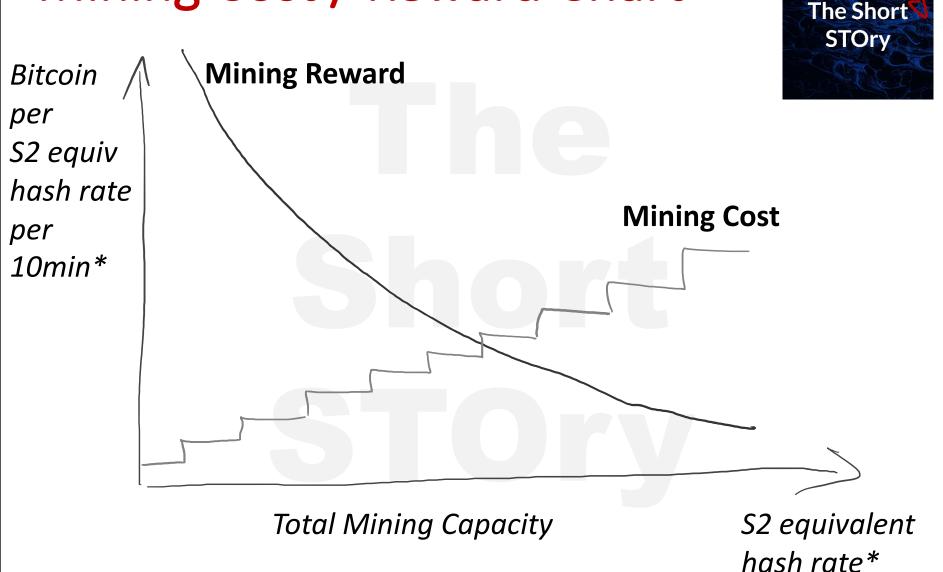
Mining Reward Curve



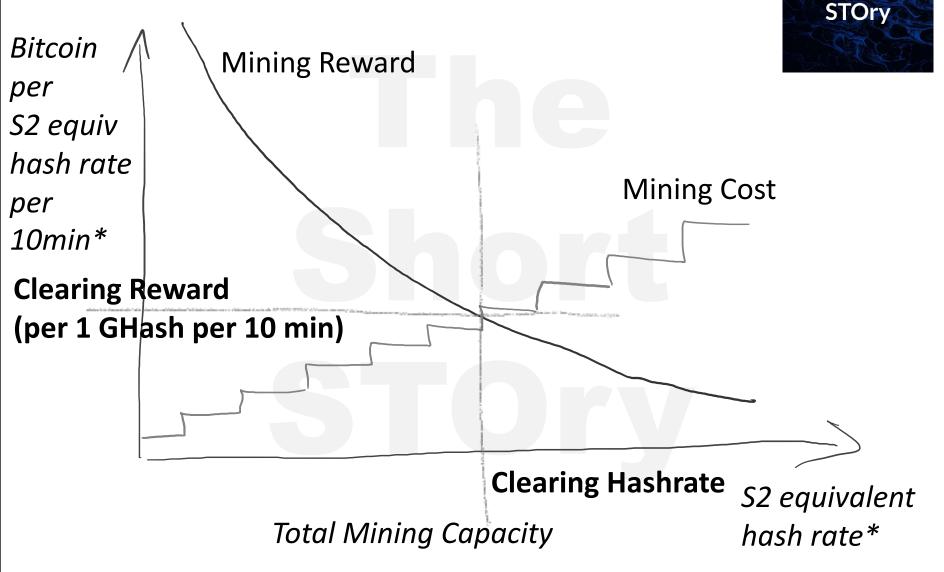




Mining Cost / Reward Chart

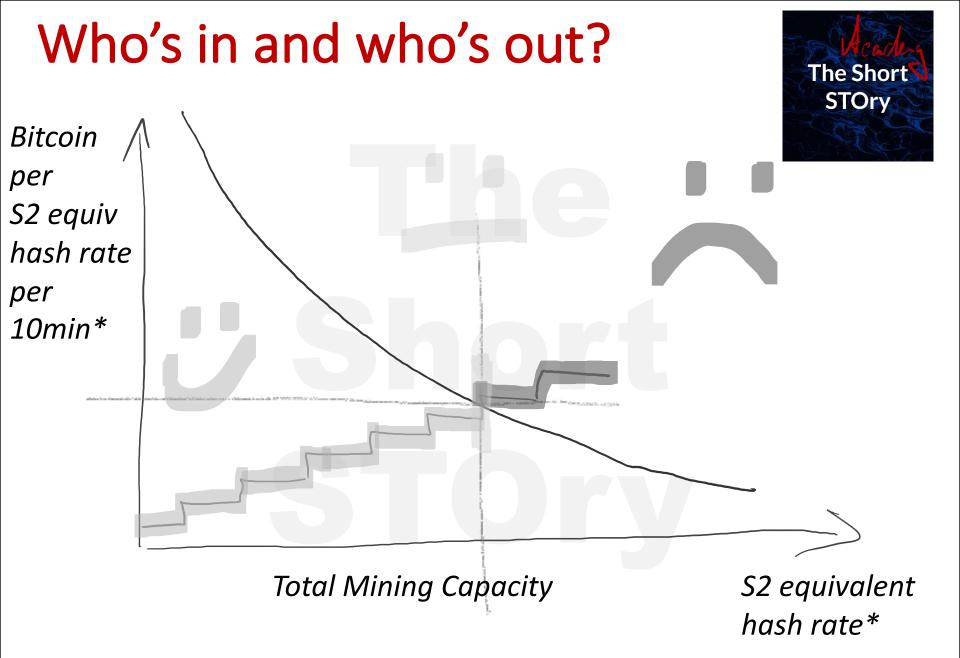


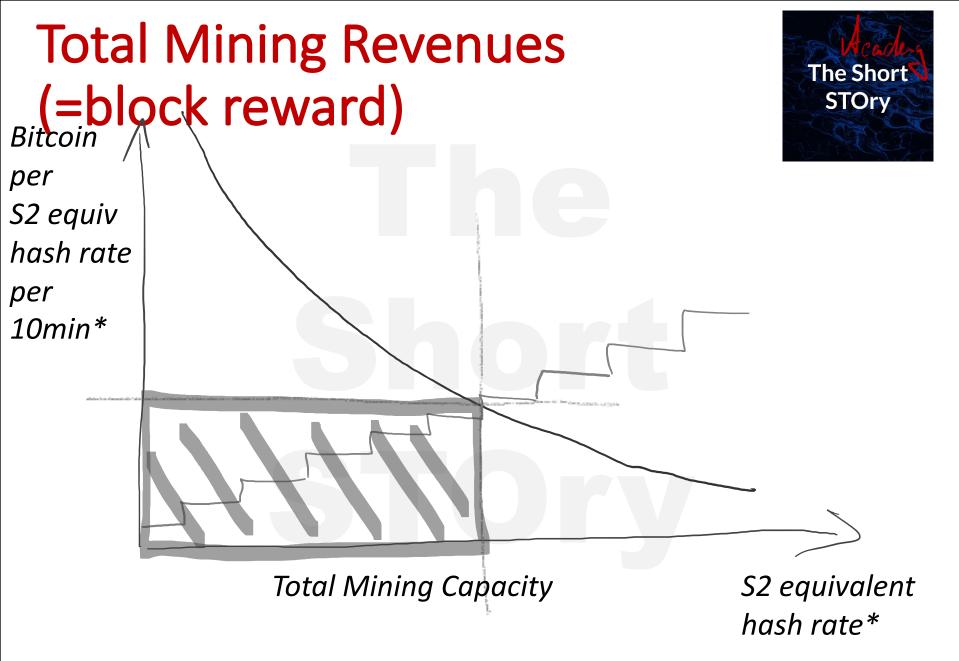
Clearing Reward and Hashrate

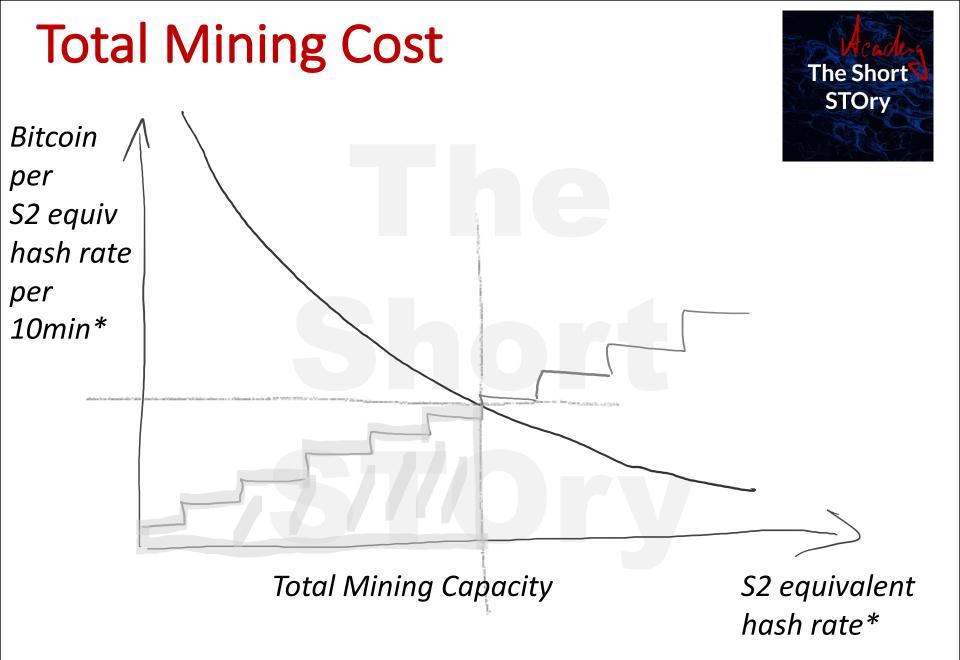


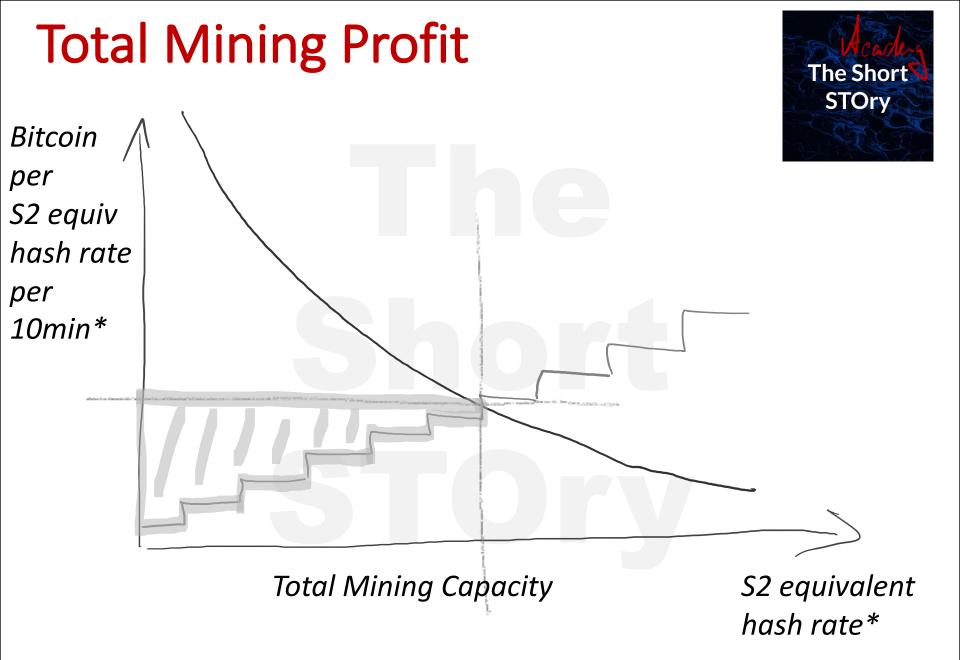
*Antminer S2 equivalent hash rate = 1TH/s

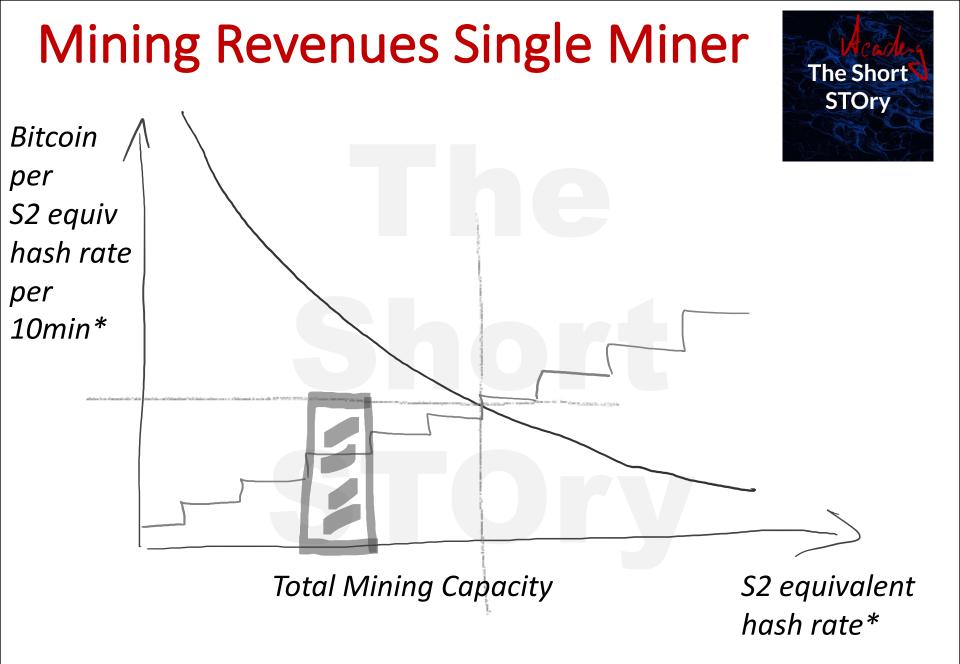
The Short

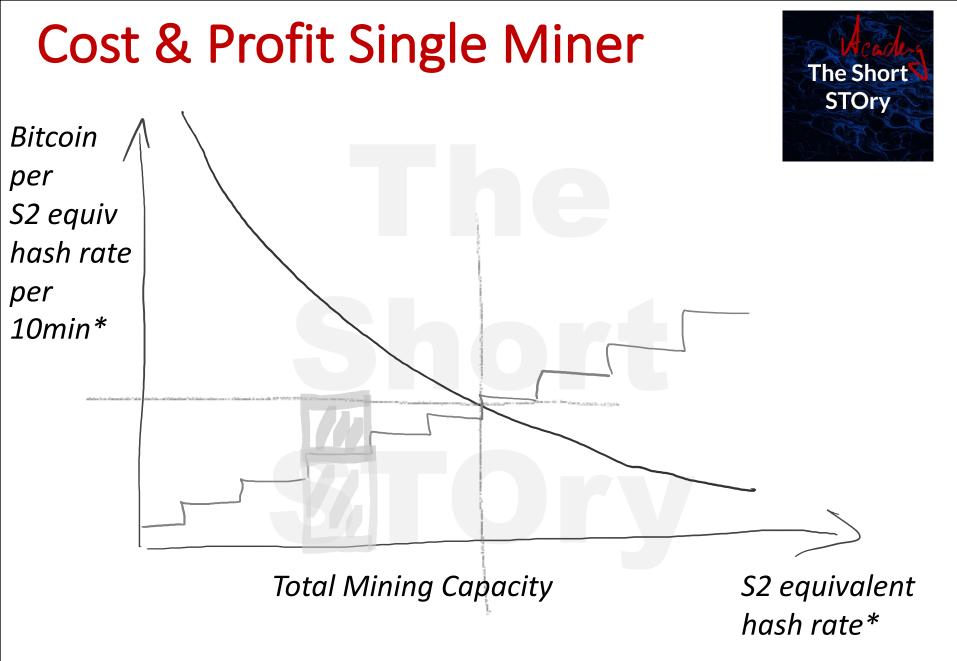












Without Steps



