March 2024

Energising the Future:

An intelligent web3 blueprint

Powerledger

India's consumer market set to become the **world's third largest** by 2027

Fitch/BMI estimates India's household spending will **exceed $3 trillion** as disposable income rises by a compounded 14.6% annually until 2027. By then, a projected 25.8% of Indian households will reach $10,000 in annual disposable income.

What is intelligent Web3 and how is it being used?

Web3 is a term used to describe the next iteration of the internet, one that is built on blockchain technology and is communally controlled by its users.

Add AI to Web3 and make it **intelligent Web3**.

Web3 has following themes:

- Blockchain
- Smart contracts
- Digital assets and tokens
- Intelligence

Real world examples relevant to and in India

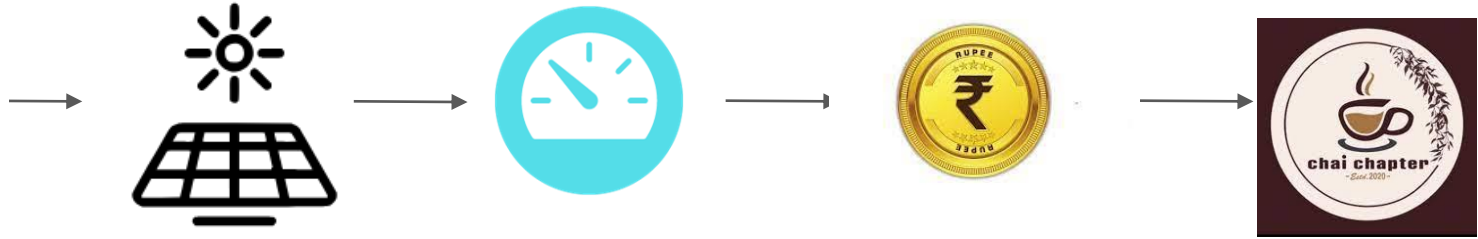# What's the relevance of intelligent Web3 to energy?

How it works? Customer journey

Sanath

An existing DISCOM customer, and an avid chai latte drinker.
He also has solar panels on his house.

Powerledger

Easily earn and redeem Tokens - and have all transactions automatically recorded

Sanath doesn't use his solar energy while in the office. He can sign up to the DISCOM programme and start collecting **Tokens**

Sanath can now share his surplus solar with the DISCOM network. This surplus can be rewarded in **Tokens** (instead of the regular tariff) or traded peer-to-peer with other DISCOM users

Once signed up, his smart meter readings are loaded onto the **Blockchain**, AI forecasts the missing reads, and his surplus energy is automatically offered for P2P trading at his chosen price (if he's part of a P2P programme) or rewarded for **Tokens.**

Tokens are sent from energy consumers to Vinod (the prosumer), or awarded by DISCOM as tariff, and are automatically loaded onto Sanath's **Blockchain wallet**. The energy transaction is automatically recorded and accessible on the **Blockchain**.

Sanath can then go get his favourite Chai Latte or other consumer products, he just needs to load his QR code as usual and pay with his Tokens.
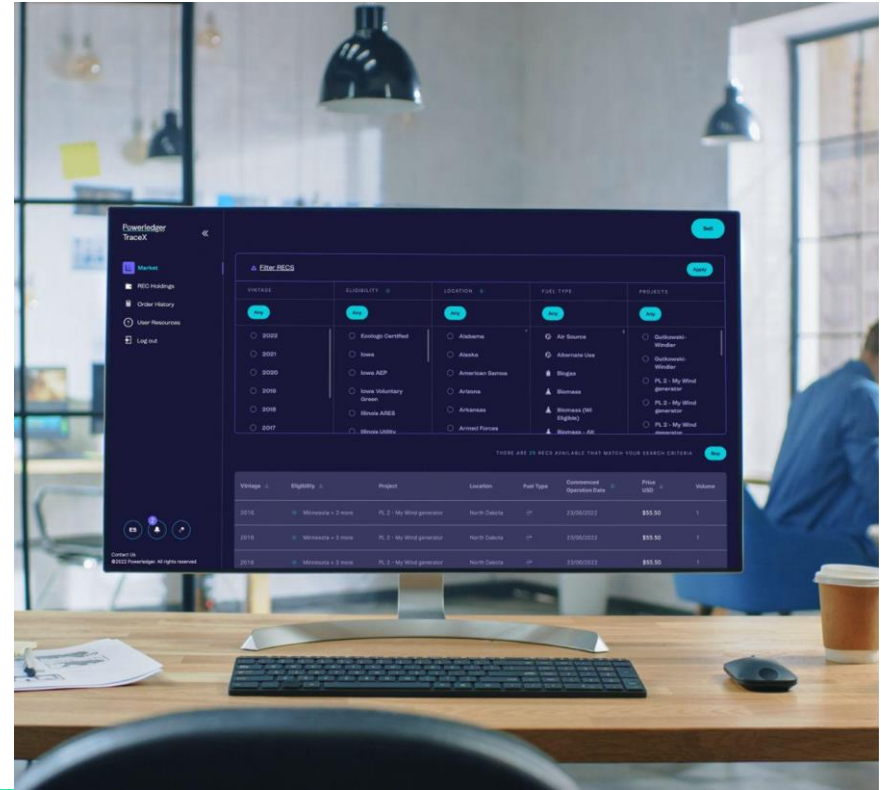
Powerledger

Thank you

🌐 www.powerledger.io

🐦 @powerledger_io

f facebook.com/powerledger

✈ t.me/powerledger

Powerledger