

The background of the entire image is a vibrant, fiery explosion. It features a central bright yellow and orange core that radiates outwards in all directions, creating a starburst effect. The colors transition from bright yellow in the center to deep reds and oranges towards the edges. Numerous small, white, star-like particles are scattered throughout the scene, giving it a cosmic or high-energy feel. Two horizontal white lines are positioned above and below the main title.

TRIGGER EFFECT

Connections Episode 1

The Development of Electrical Power Grids



Early 1900's: Investor-owned & public utilities acquire right-of-way and construct first transmission lines.



Late 1920's: Federal government assumes jurisdiction over transmission lines crossing over state boundaries.

1935: Congress expands authority of Federal Power Commission & limits where utilities can operate and expand

1960's: First regional interconnects created after the massive November 1965 Northeast blackout.



1977: A blackout in New York City forced new standards of reliability on grid operations.

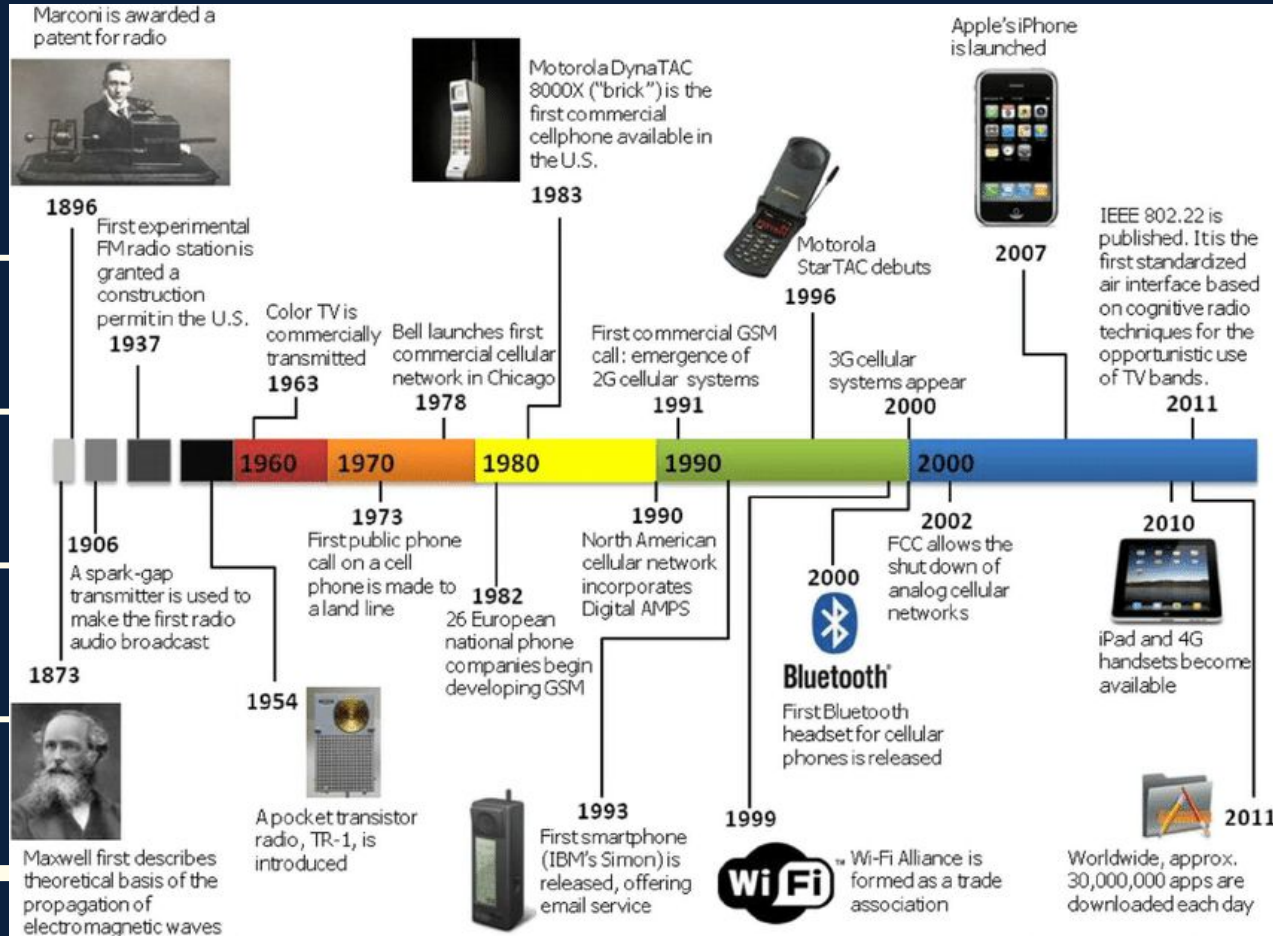
1978: Independent power producers given access to the grid.



1992: Congress deregulates the wholesale power generation system, opening up competition among electricity producers. Requires transmission owners to allow use of the grid at fair prices to these wholesale power producers.

Electric Transmission Grid Timeline

The Telegraph & Communication Networks





**The Discovery of
Gunpowder accidentally
by alchemists that went on
to change warfare.**



- **The Printing Press Revolution**
- **The Steam Engine & The Industrial Revolution**
- **The Rise of Automobiles & Modern Transportation**

What happens when one critical system fails today? (E.g., power grids, food supply, internet, transportation.)

A scenic landscape featuring a calm lake reflecting the surrounding forest and distant mountains. In the foreground, a wooden bench sits on a grassy bank. The scene is framed by large green shapes on the left and top right, which contain the words 'You' and 'Thank' respectively in white text.

Thank

You