

The background of the slide is a light gray gradient. It is decorated with numerous realistic water droplets of various sizes. Some droplets are large and prominent, while others are small and scattered. They are primarily located along the top and bottom edges of the frame, with a few smaller ones in the center. The droplets have highlights and shadows, giving them a three-dimensional appearance.

# **CYBER ATTACKS ON KUDANKULAM NUCLEAR UNIT**

## CURRENT AFFAIR

- NPCIL ADMITTED TO A MALWARE ATTACK

# ATTACK

- COMPUTER SYSTEMS INFECTED
- CAUSED BY TRACK
- ORIGINALLY DEVELOPED BY NORTH KOREA
- MANY VARIATIONS

## OTHER RECENT ATTACKS

- MULTIPLE RANSOMWARE ASSAULTS
- TEHRI DAM
- WB STATE ELECTRICITY DISTRIBUTION COMPANY
- RAJASTHAN DISCOM
- HARYANA DISCOM
- KUDANKULAM- HIGH ON LIST

# LOOMING THREAT

- POWER GRIDS ARE TEMPTING TARGET FOR TERRORISTS
- VULNERABLE
- INCREASINGLY COMMON
- NATIONWIDE OUTAGE

# CHALLENGES

- SCOPE OF CERT-IN IS LIMITED
- OLD EQUIPMENT
- NATIONAL GRID

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# MEASURES

- SYSTEM FOR CYBER-PROTECTION OF INFRASTRUCTURE

# WAY AHEAD

- RAMPING UP SECURITY ACROSS THE POWER GRID
- HOLISTIC PLAN