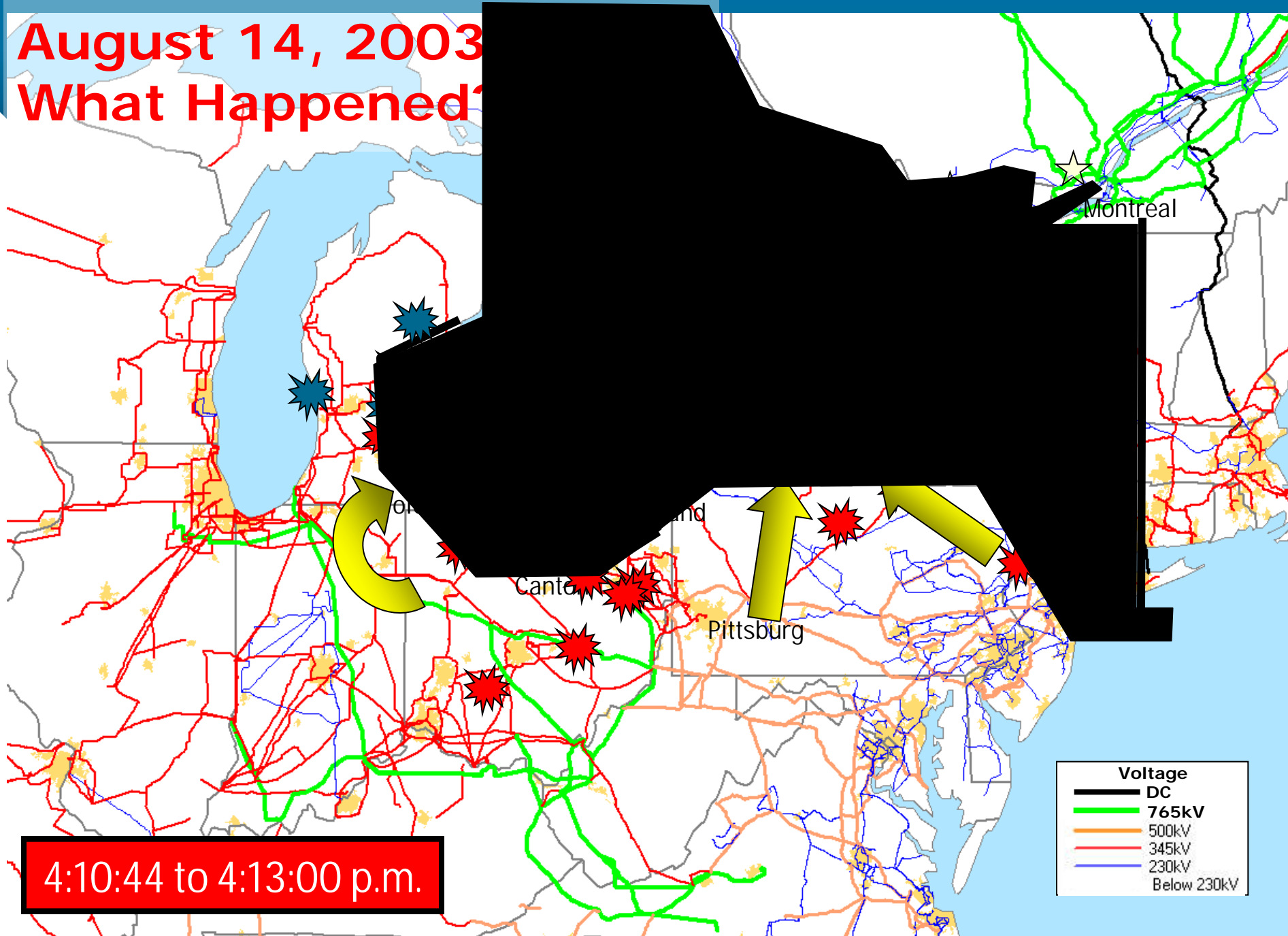


Begin Fishbowl

▶ Volunteers for Fishbowl!

August 14, 2003 What Happened?



4:10:44 to 4:13:00 p.m.

Voltage	
—	DC
—	765kV
—	500kV
—	345kV
—	230kV
—	Below 230kV

Summary of August 14 Blackout

▶ Impacts

- Over 50 million people
- 60-65,000 MW
- 30 hours to restore
- Manufacturing disrupted
- 400+ Generators tripped

▶ Statistics

- Line trips began at 3:05 PM
- Cascading began at 4:06 PM
 - Lasted approximately 12 seconds
- Thousands of discrete events



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CONFLICT OF INTEREST

CAN BE INNOCENT BUT NONE THE LESS A VIOLATION OF POLICY.

CONSIDER ALL FACTORS.

DOES IT MAKE YOU, FAMILY, OR FRIENDS BETTER OFF AT COST TO OTHERS ?

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- ▶ A purchasing agent hires his brother-in-law to provide vending services to the company lunch areas.
- ▶ An employee starts a company that provides similar services to similar clients as those of her full time employer.
- ▶ A manager provides paid consulting services on the weekend to a company customer or supplier.

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- ▶ An employee who is a member of a company employee selection team fails to disclose that he is related to a job candidate whom the company team is considering for a position.
- ▶ An employee works part time in the evening for a company that makes a product that competes with the products of his full time employer.

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- ▶ A member of the company board of directors accepts fees and provides advice to a company that is in direct competition with the company on whose board of directors he sits.
- ▶ An HR director decides to investigate a charge of sexual harassment using internal resources she controls, against a fellow corporate executive whom she has known and worked with professionally for years.

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(Major Automotive Firm) Facing Lawsuits Over Exaggerated Fuel Economy ...

An EPA investigation revealed (FIRM) had **overstated** the fuel economy of (MODEL) by 6 MPG in highway ... They had to make some kind of a **claim** to make sales

After revealing they had exaggerated fuel-economy claims on approximately 900,000 vehicles in November, (FIRM) rolled out a gift-card program to compensate customers for their extra gas expenses.

IEEE Code of Ethics - Bribes

\$\$\$\$\$\$



Vacations

Goods

Promotions

Services

Relationships

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- ▶ DOI conducted a top-to-bottom review of DOB's Cranes and Derricks division resulting in the indictment of a DOB assistant chief inspector, a crane company owner, the crane company, and a crane company employee, in a bribery scheme in which the inspector took money in exchange for providing the crane company owner with advance copies of the written City crane licensing exam.

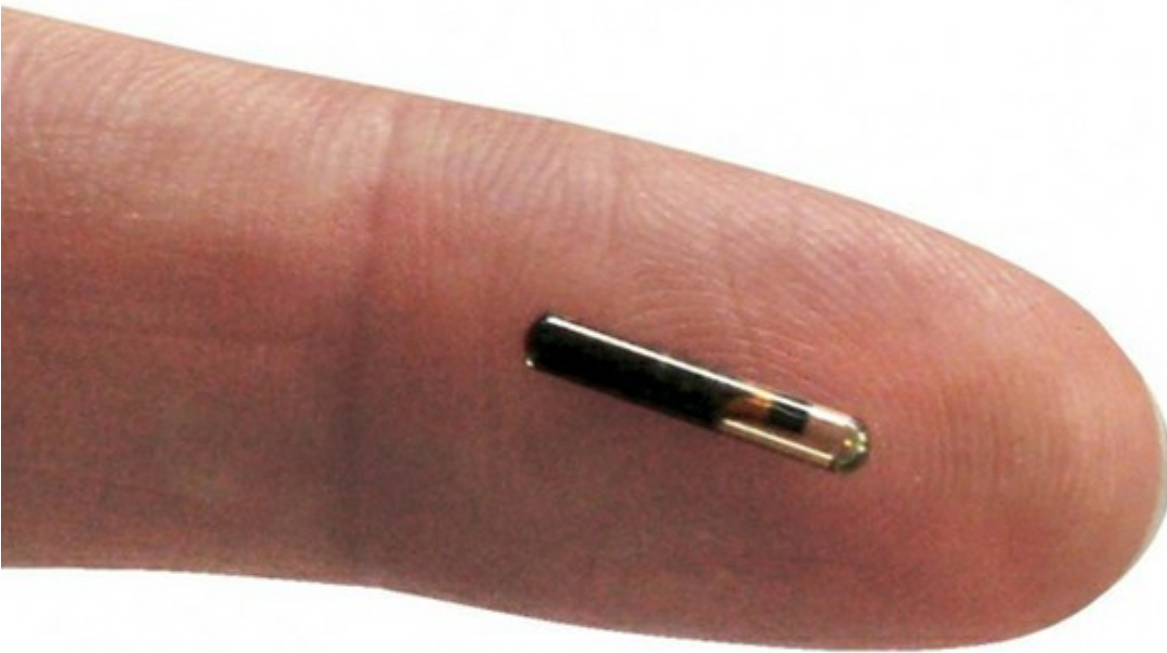
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Understanding-

- Remove Cultural Barriers
- Remove Social Barriers
- Remove Complexity-
 - Is it "**x**" or **d² (1/6 x³)/dx ?**

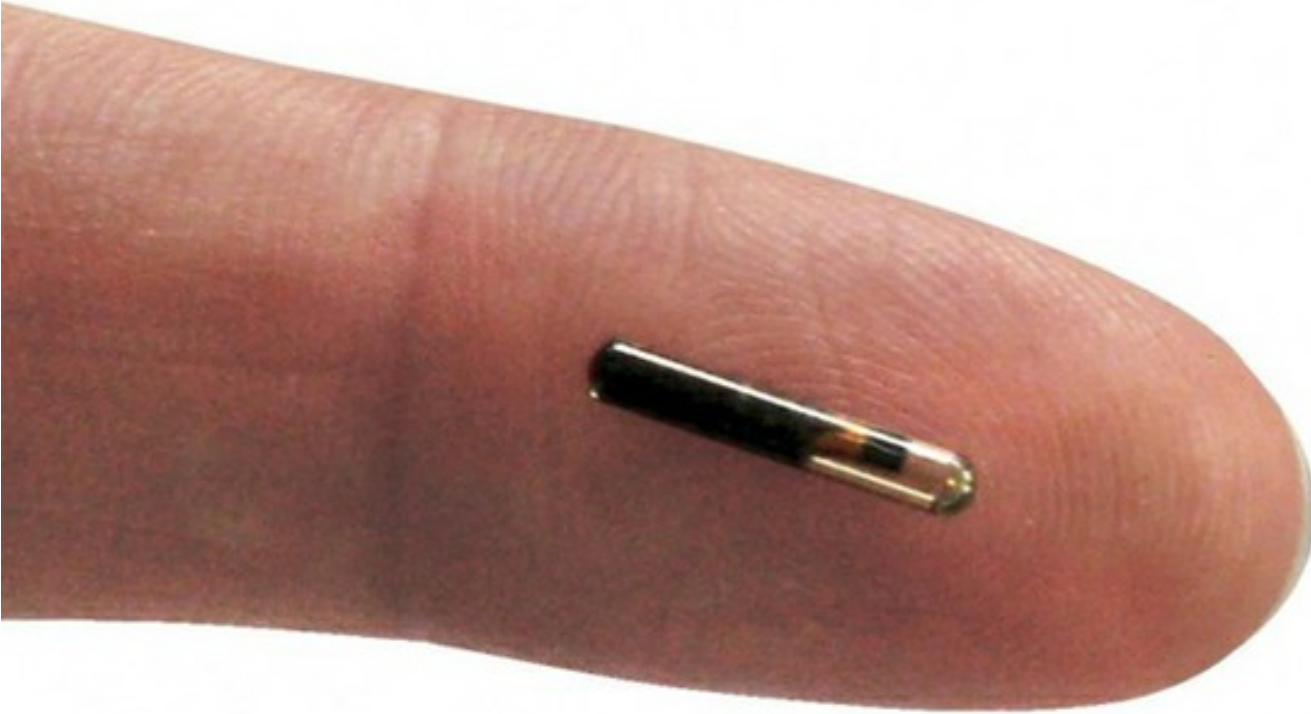
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Social Implications – RFID TAG



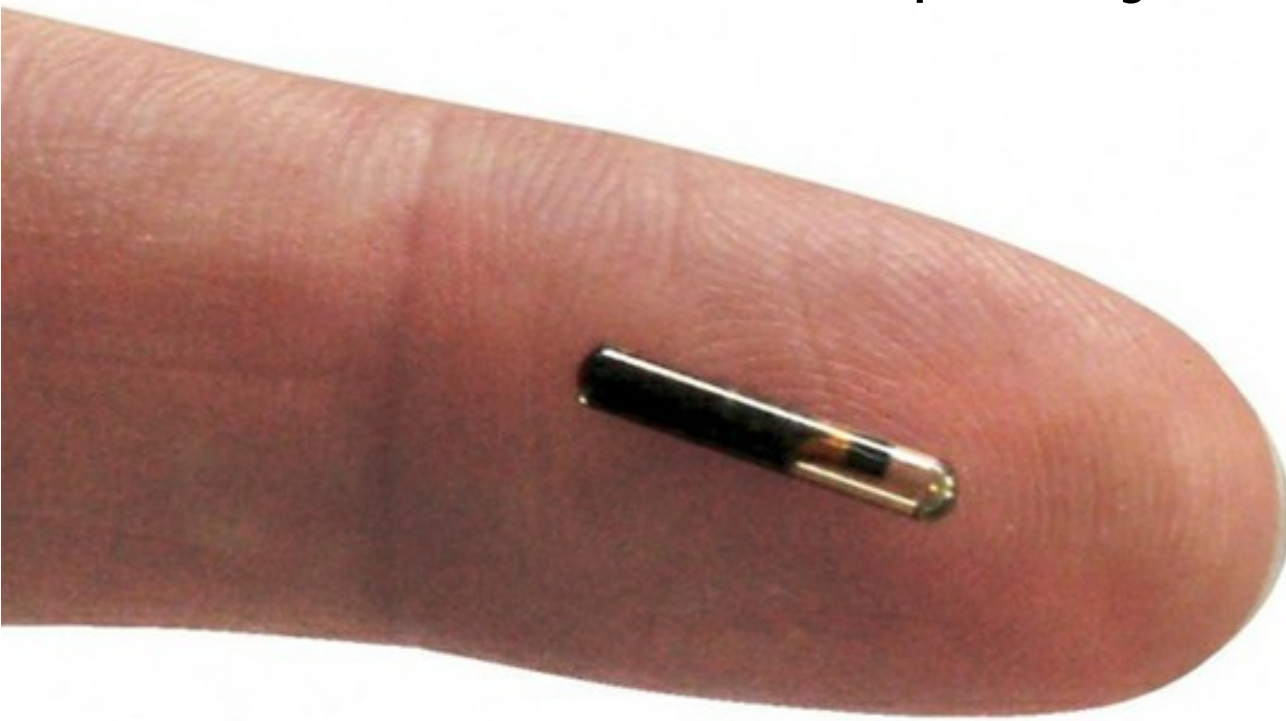
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Personal Safety and Security



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Or invasion of privacy



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Share non-proprietary technology

Technical meetings – IEEE and others

Publish Papers

Criticism:

- Seek peer review of complex projects and even the most routine.
- Accept unsolicited comments. Sometimes they are the most helpful.
- Offer “honest” criticism for safety, technical errors, improvement, etc.

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- ▶ **Plagiarism** is the "wrongful appropriation" and "purloining and publication" of another author's "language, thoughts, ideas, or expressions," and the representation of them as one's own original work.^{[1][2]} The idea remains problematic with unclear definitions and unclear rules.^{[3][4][5][6]} The modern concept of plagiarism as immoral and originality as an ideal emerged in Europe only in the 18th century, particularly with the Romantic movement.

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- ▶ Plagiarism is considered academic dishonesty and a breach of journalistic ethics. It is subject to sanctions like expulsion.
- ▶ Plagiarism is not a crime *per se* but in academia and industry it is a serious moral offence, ^{[7][8]} and cases of plagiarism can constitute copyright infringement.
- ▶ From Wikipedia, the free encyclopedia

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**University strips German education
minister of doctorate after probe into
alleged plagiarism**

Published February 05, 2013

Associated Press

IEEE Code of Ethics

BERLIN – Germany's education minister has been stripped of her doctorate following an investigation into allegations that she plagiarized parts of her thesis, which explored the formation of conscience.

German news agency dpa reports that a committee of academics at Duesseldorf's Heinrich Heine University took the decision late Tuesday after considering the case against Annette Schavan.

Schavan denies the allegations, first raised by an anonymous blogger last year, that she failed to properly cite passages of her 1980 thesis in philosophy.

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- Race – Be aware of multi-racial environment.
- Religion – Show respect and learn. Food, clothing, customs
- Gender – Language, Attire,
- Disability - Make meetings accessible.,
- Age - Age Discrimination is rampant
- National origin – Global Society

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- Diversity
 - Most common and grievous Violation:
 - Jokes and Satire

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- Recent Issue
 - Religious Zealots in the Work Place and at Conferences.
 - Extreme disrespect of other cultures.

QUESTIONS

