Solar Power Plant and Substation Design Project

IOWA STATE UNIVERSITY and BLACK AND VEATCH

John Jennison, Aayush Shah, Adilene Prieto, Kyle Neal, Logan Miller, Matthew Schindler, Shadoe Rusk

Safety Moment

Wet Floors:

Physical hazard that is one of the leading causes of accidents in the workplace

Impact:

- Can cause someone to slip and fall
 - Slips, trips, and falls account for 29% of accidents in workplace
- 65% lost work days
- US Department of Labor: 15% of accidental deaths in industry

Causes:

- Spills, leaks, mopping in areas and not placing a wet floor sign
- Lubricating layer between shoes and wet floors cause slips

Solutions:

- Place a Wet Floor sign when necessary
- Clean up any spills right away
- Wear proper footwear
- Pay attention to where you are walking

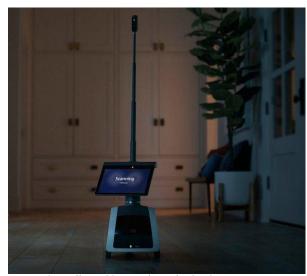


New Technology

Amazon Astro Robot

- A household robot powered by Alexa technology
 - Able to navigate a household effectively
 - Recognizes obstacles and keeps away from designated out of bounds zones
- Potential Uses
 - Can be remote controlled away from home
 - Can be set to patrol homes to seek out
- Potential Problems
 - High price, will be anywhere from \$999 to \$1450
 on public release
 - Potentially limited uses





https://www.bbc.com/news/technology-58727057

Contact Us

Aayush Shah

Power Engineering Student

ashah01@iastate.edu 630-648-9336

Matthew Schindler

Electrical Engineering
Student

mattsch1@iastate.edu 815-289-2449

Kyle Neal

Power Engineering Student

kaneal@iastate.edu 224-241-9524

Adilene Prieto

Power Engineering Student

aprieto@iastate.edu 712-899-9682

Logan Miller

Electrical Engineering Student

lwm@iastate.edu 319-538-5804

John Jennison

Power Engineering Student

jennison@iastate.edu 319-850-6175

Shadoe Rusk

Power Engineering Student

shadoer@iastate.edu 641-831-0789