Welcome to UPROSE’s Solar Mini Series: Episode #1 What is “Clean Energy”? We’ll be starting shortly...
Welcome! Thank you for joining!

Who?

What?
Sign up today at sunsetparksolar.org

Join the Sunset Park Solar Facebook Group!
What do we use energy for?
Everything!
What is “Dirty Energy”?

“Dirty Energy” or Fossil Fuel Energy:

Energy produced by burning coal, oil, or natural gas and produces air pollution as a byproduct of combustion. Fossil fuels have a finite supply.
What is “Clean Energy”? 

Clean Energy or Renewable Energy:

Energy that comes from a renewable source (sun, wind, water) and does not produce any carbon emissions or air pollution. Infinite supply!
Electricity generation, transmission, and distribution

1. Power plant generates electricity
2. Transmission lines carry electricity long distances
3. Distribution lines carry electricity to houses

1. Transformer steps up voltage for transmission
2. Neighborhood transformer steps down voltage
3. Transformers on poles step down electricity before it enters houses

Source: Adapted from National Energy Education Development Project (public domain)
Electricity generation, transmission, and distribution

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Next week’s Episode: What is Community Solar?

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