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# HOW MUCH LAND DOES YOUR ELECTRICITY USE?

## Land Use per Megawatt-hour of Electricity

One megawatt-hour of electricity can power the average US home for one month. Onshore wind could power roughly four homes with the same area as an NBA basketball court whereas nuclear could do the same in the space that 5 basketballs take up.

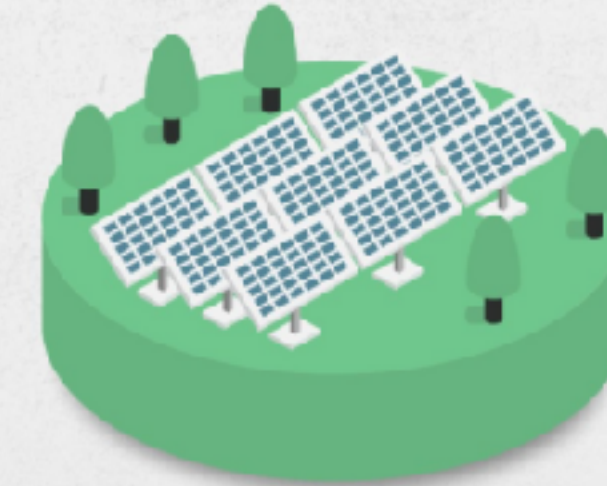
No matter the source, land is needed to generate electricity society needs. For direct comparison, here the entire life-cycle – from the mines for the materials and fuels, the producing plant, connecting infrastructure, to the end of life waste management – is taken into consideration.



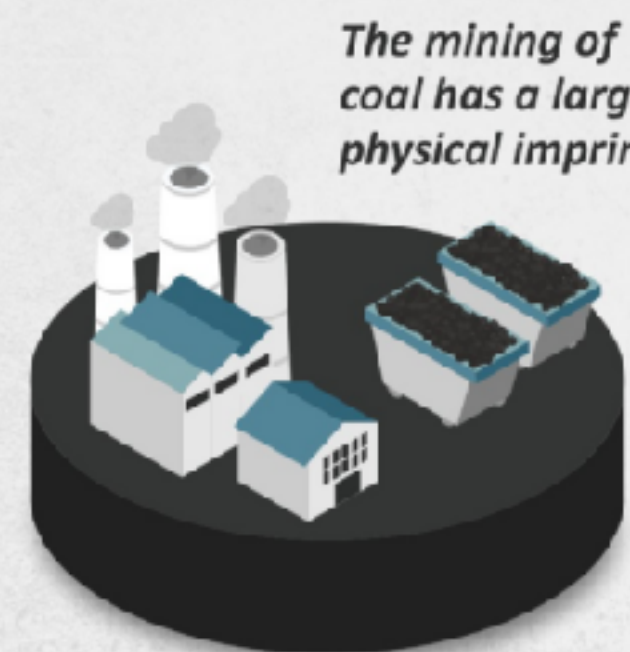
Nuclear uses 70X less land compared to coal with carbon capture and ~60X less than Solar PV



**HYDROPOWER (> 660MW)**  
14m<sup>2</sup>



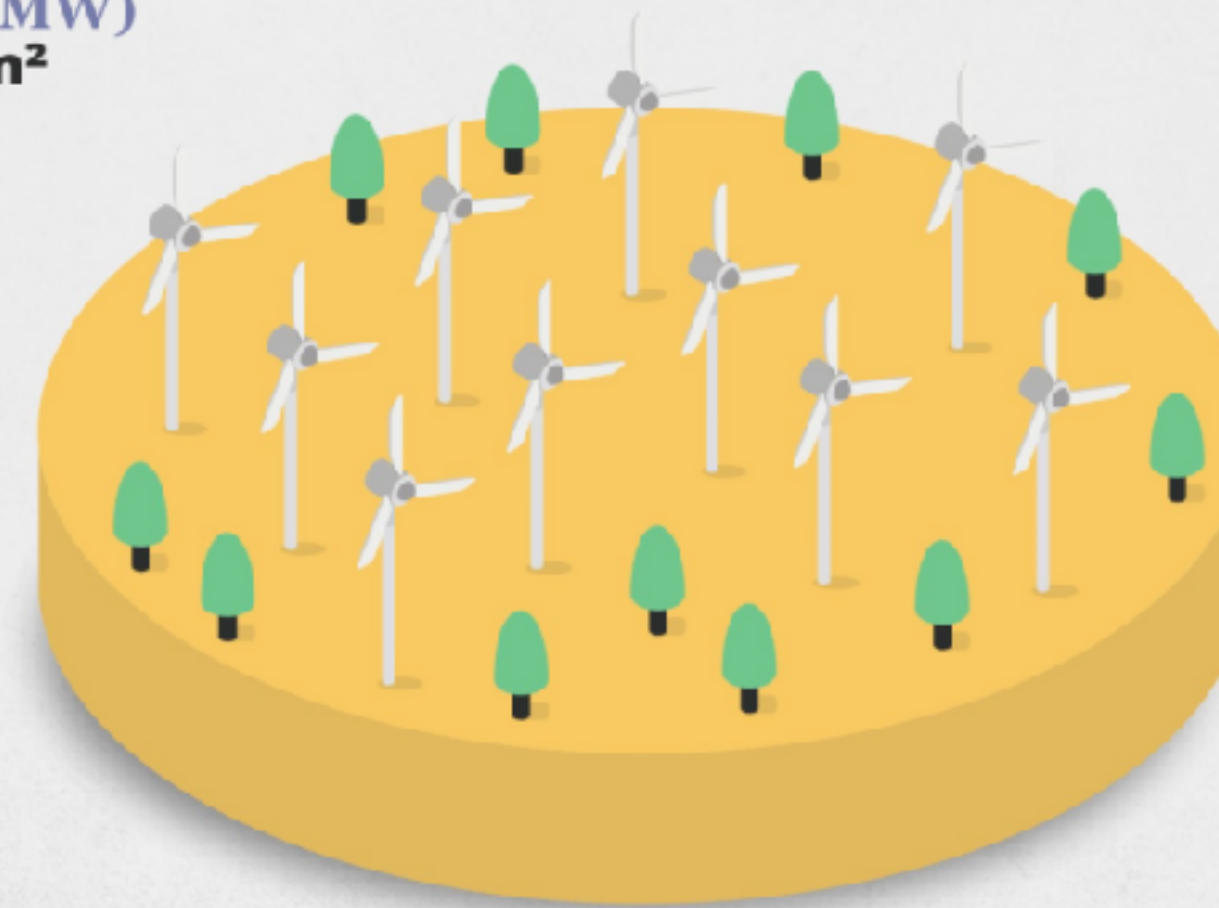
**SOLAR PV**  
19m<sup>2</sup>



The mining of coal has a large physical imprint



**HYDROPOWER (< 360MW)**  
33m<sup>2</sup>



**ONSHORE WIND**  
99m<sup>2</sup>

While the total project site for onshore wind is large, the land in between can be multipurpose



# SAVE DIABLO CANYON

save nature  
Nuclear

Save nature  
Nuclear

LISTEN TO THE SCIENTISTS!  
ON NUCLEAR POWER.

SHUTTING DOWN NUCLEAR PLANTS FFS!

WE CLEAN ENERGY  
SAVE DIABLO

NUCLEAR ENERGY IS CLEAN ENERGY

LISTEN TO THE SCIENTISTS!  
ON NUCLEAR POWER.

NUCLEAR ENERGY IS CLEAN ENERGY

THIS IS AN EMERGENCY  
ACT LIKE IT

SAVE DIABLO CANYON

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NUCLEAR ENERGY IS CLEAN ENERGY

SAVE DIABLO CANYON

KEEP DIABLO CANYON GREEN  
CLEAN GREEN

There is no Planet B

Fission NOT Frackin'

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***MUITO OBRIGADA***