

Suntech Power Holdings (A): the Pre-IPO Years

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Solar Power

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- Converts sun rays into electricity by utilizing solar panels.
- A 5 kW cost about \$25,000 to \$30,000.
- Takes 20 years to pay back
- Need little maintenance
- stores and utilizes energy
- takes 1 to 2 days to install
- solar panels can last up to 202 years



Wind Power

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- Uses wind turbines to convert wind into electricity
- A 10kW system cost \$48,000 to \$60,000
- takes little maintenance
- payback will take 6 to 30 years
- takes 6 months to set up
- wind turbines can last up to 25 years



Business Solution
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- takes a lot of maintenance daily
- has a lot of parts to maintain
- thecasesolutions.com plans material and animal waste to create electricity by burning it
- the system last 20 years
- takes 2 days to set up
- system must be near a heater or burner



My Choice

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Geothermal Solutions

Thecasesolutions.com

- takes a lot of maintenance daily
- have a lot of parts to maintain
- biomass solution uses plant material and animal waste to create electricity by burning it
- the system last 20 years
- takes 2 days to set up
- system must be near a heater or burner



My Choice

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Biomass Solution

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My Choice

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Out of the three options; solar power, wind power, and a biomass solution, i would choose the solar power system. While all these choices are green and will be a very educational learning experience for students, a solar power system is the best choice for a school. Wind turbines are amazing source of power, but will need to much land that the school does not have, and will cost more than a solar power system. A biomass system cost more than a wind power system and will require a lot of maintenance. The solar panels is the best choice for a school because it is the most cost effective, the school has the land to put the panels on, save the school money, good learning experience, saving the planet, and the setup is only one to two days (the school can set up the solar panels during the end of spring so the panels can charge up during the summer).



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