

Renewable Energy Opportunities

Army Energy Forum

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FT. HUACHUCA



Why look at Renewables?

- Diversify Energy Source Mix
- Energy Security
- Reduce Pollution
- Redundancy
- Stabilize Energy Prices

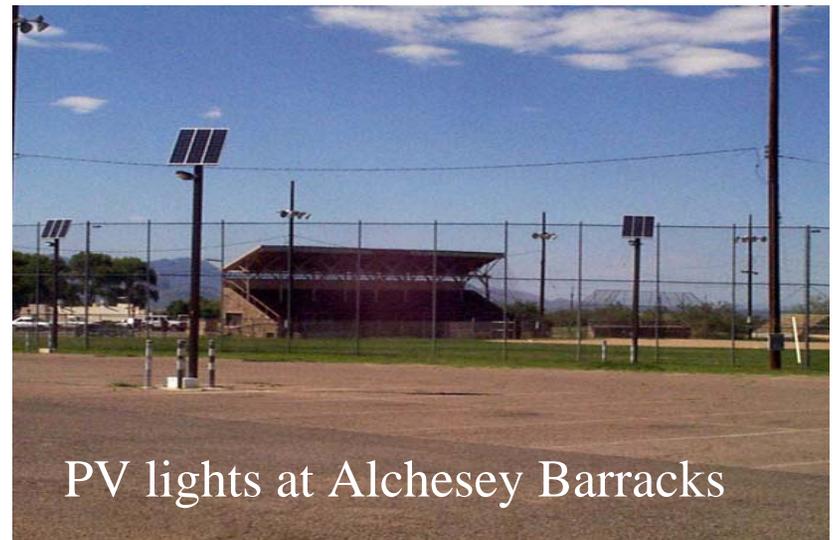
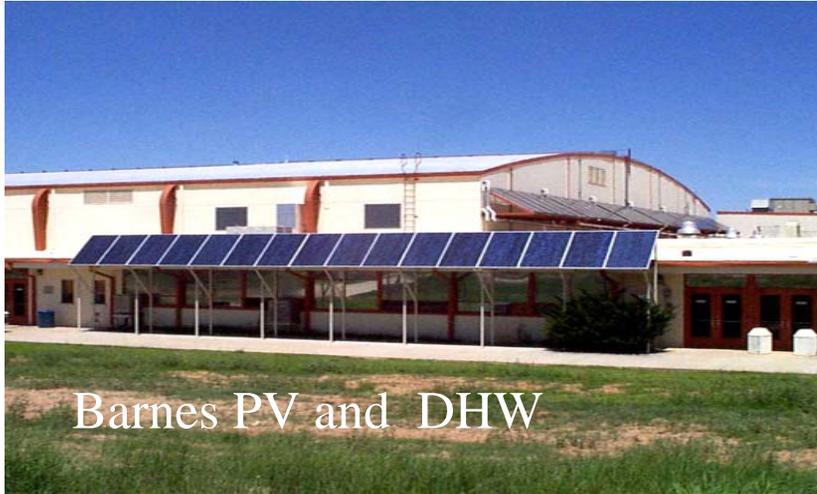
What are renewables?

- Solar
- Wind
- Geothermal (not Ground Source Heat Pumps)
- Biomass
- Hydropower

Solar

- Solar domestic hot water
- Solar pool
- Photo Voltaic (PV) grid and non-grid
- Solarwall (transpired air collectors)
- Daylighting
- Research - Dish/Stirling and Solar Attic

RENEWABLE PROJECTS AT FT. HUACHUCA

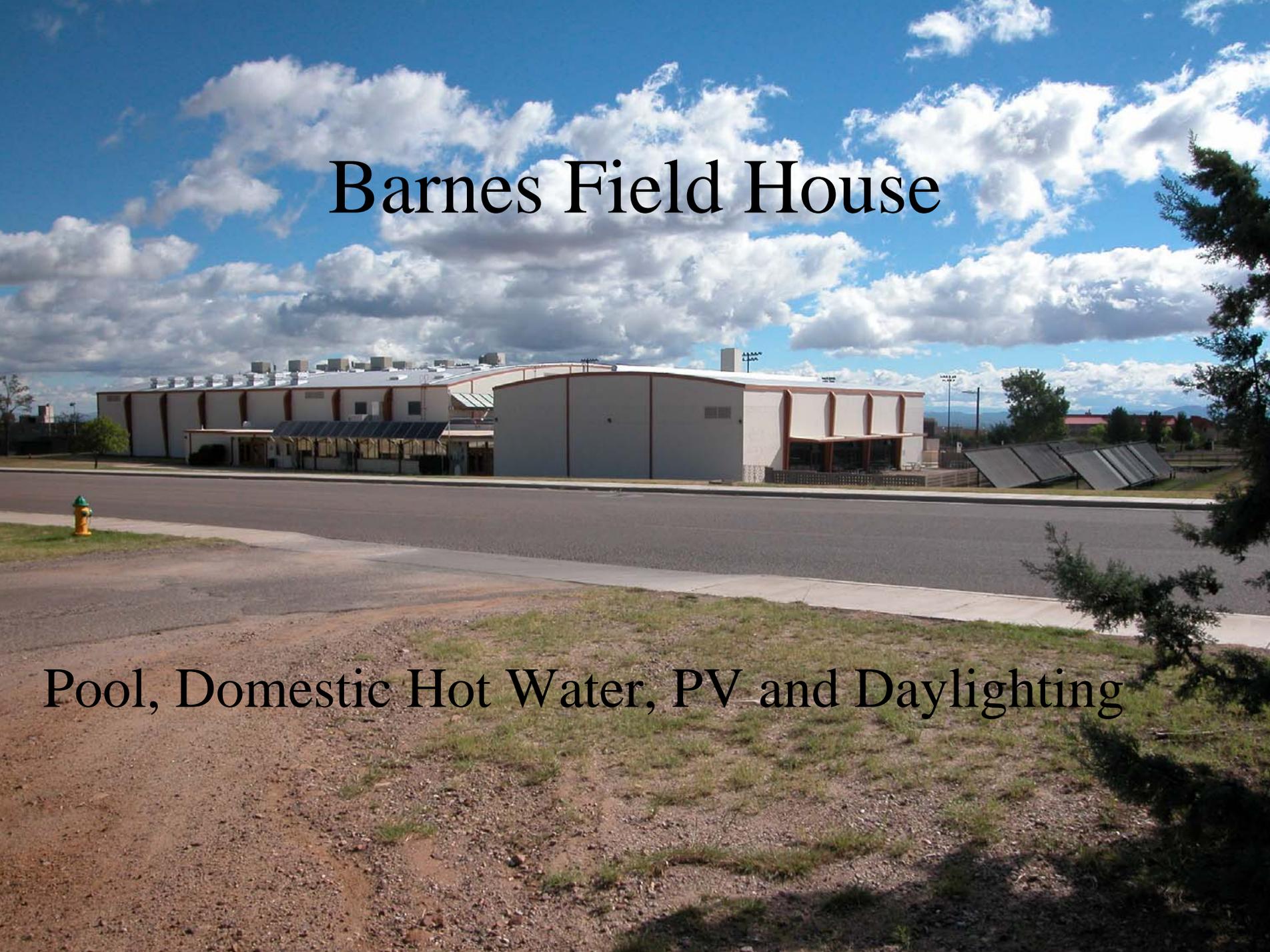


Solarwalls and Daylighting



Barnes Field House

Pool, Domestic Hot Water, PV and Daylighting



Wind Turbine on the West Range



How to get renewables

- Evaluate/Assess
- Plan
- Fund (BPA, ECIP, ESPC, O & M funds, MCA, Special programs)
- Execute
- Go back to the first step

QUESTIONS???

