

- Capacity: 2500 kWdc
- Solar Yield 1500 kWh/kWdc
- Degradation 0.5% per annum
- 6 months construction timeline
- Operation phase 30 yrs.
- PPA price @ 0.07\$/kWh term: 20 yrs
- Wholesale market sale @ 0.04 \$/kWh Last 10 yrs
- Construction Cost \$1.2/kWdc
- O&M Costs: Maintenance, property tax, insurance, that total \$15/kW-year
- **Instructions:**
- Calculate the pre-tax IRR and pre-tax NPV
- Calculate tax benefit line
- Apply 26% ITC applied at the end of 1st yr
- Apply MACRS depreciation for 5 yrs
- Use tax rate of 21%
- Calculate the after tax IRR and NPV;
- **Bonus:**
- ***Debt sculpting for a DSCR for 1.4***
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