

# Man-Portable?



# The Business Case

- Applications don't make sense in all cases
- Get past the “Gee-Whiz” factor
- Data and analysis, not just anecdotal evidence
- Break-even Point
- All tied to the “grid”?

# Investments

## 2010 Appropriation Bill

- RDTE Hi-Efficiency Solar Energy Generation & Storage \$3.12M
- RDTE PV Ribbon Solar Cell Technology Project \$2.88M
- RDTE PV Rooftop Systems for Military Housing \$1.2M
- RDTE Demo of Thin Film Solar Modules as a Renewable Energy Source \$800K
- RDTE Flexible Solar Cell for Man-portable Power Generation \$800K
- RDTE Fully Burdened Cost of Fuel & Alternative Energy Methodology & Conceptual Model \$2.8M
- RDTE Advanced Flexible Solar Photovoltaic Technologies \$1.6M
- RDTE Advanced Soldier-Portable Power Systems Technologies \$2.48M
- RDTE Advanced Wearable Power System Manufacturing \$1.6M
- RDTE Amorphous Si Flexible PV for Grid Parity \$1.6M

## 2010 Authorization Bill

- Sec 331 Authorization for Director of Operational Energy
- Sec 2846 Report on DoD renewable energy initiatives, including Solar initiatives

**Plus Industry IR&D**