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