

Active Power Management

Greg Nugent
Field Applications & Technical Sales Manager

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About National Semiconductor

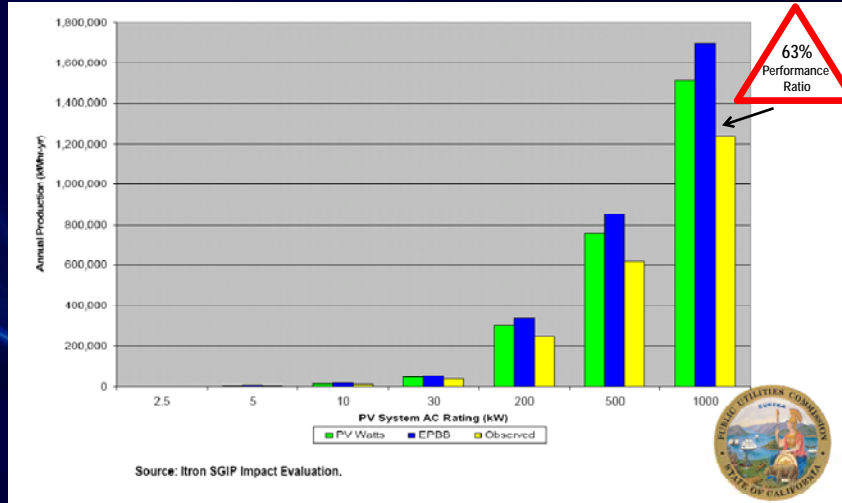
- Silicon Valley pioneer and industry leader in **power management**
 - 50 years of integrated circuit design and manufacturing
 - PowerWise® solutions to optimize power consumption in a variety of electronic systems



- Reputation for **innovation, quality and reliability**
 - Renewable Energy
 - Energy Efficiency
 - LED Lighting

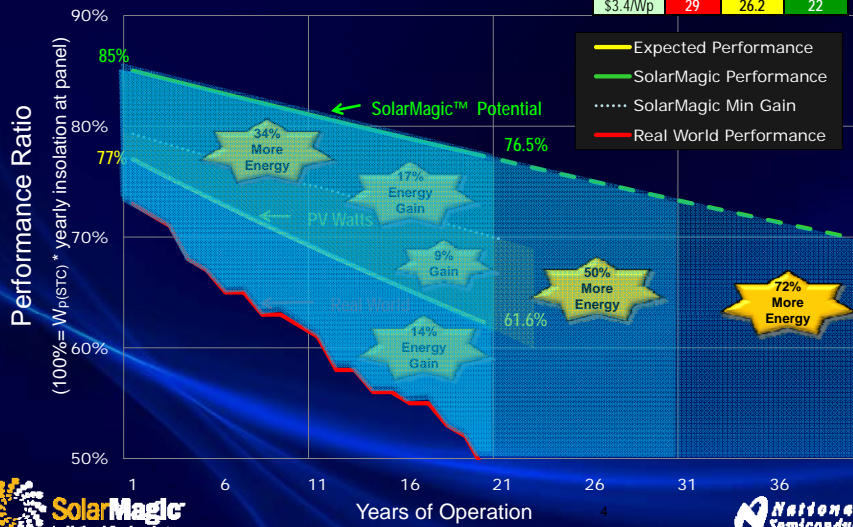


Real World Solar Performance

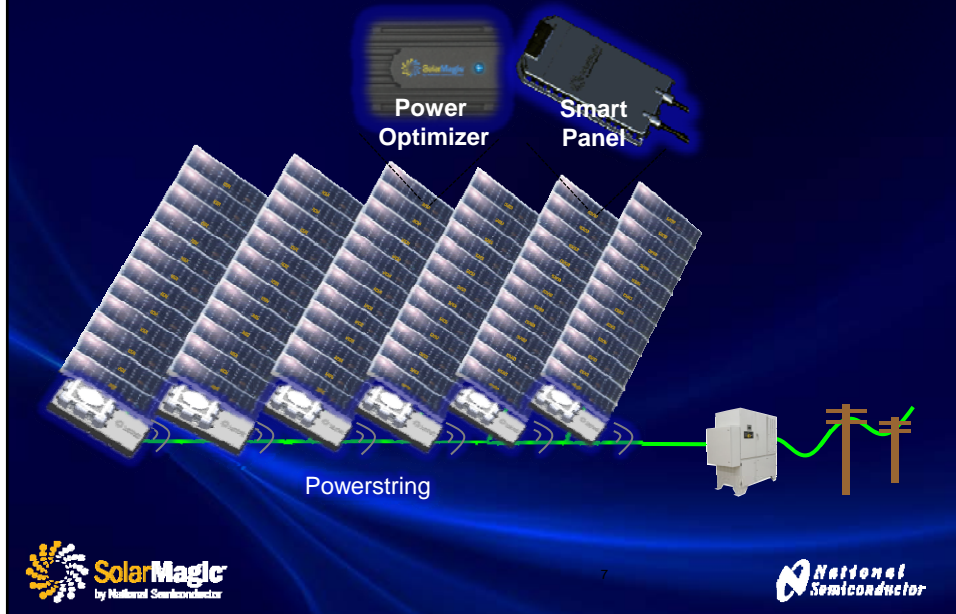


PV System Performance

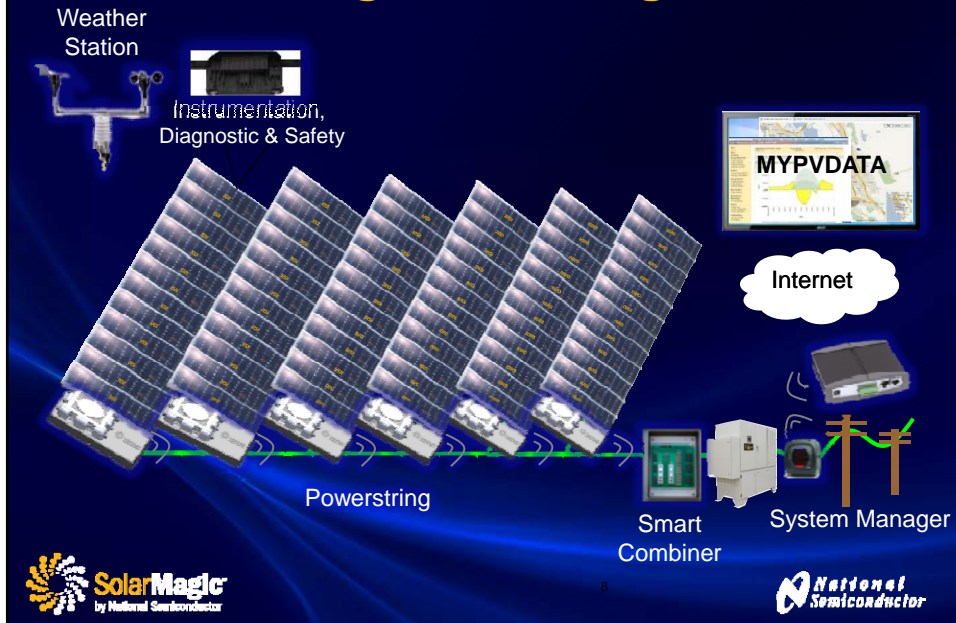
Cost (¢)	1500 kWh/m ²	1500 kWh/m ²	1500 kWh/m ²
\$2.0/Wp	17.0	15.4	12.9
\$2.2/Wp	18.7	16.9	14.2
\$2.4/Wp	20.5	18.5	15.5
\$2.6/Wp	22.1	20	16.8
\$3.0/Wp	25.6	23.1	19.4
\$3.4/Wp	29	26.2	22



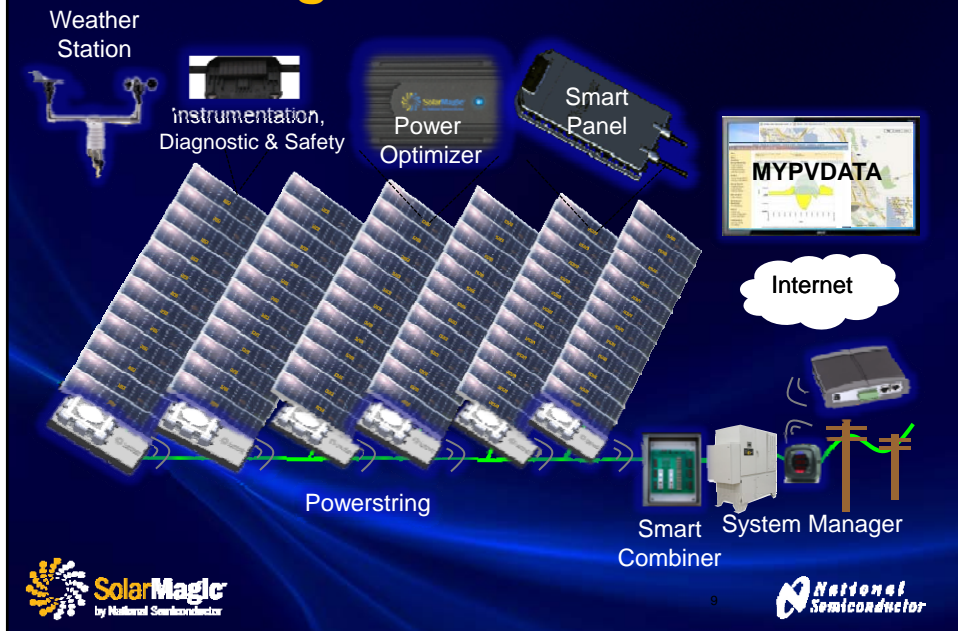
SolarMagic™ Power Optimization



SolarMagic™ Management



SolarMagic™ Product Portfolio



Thank you!

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