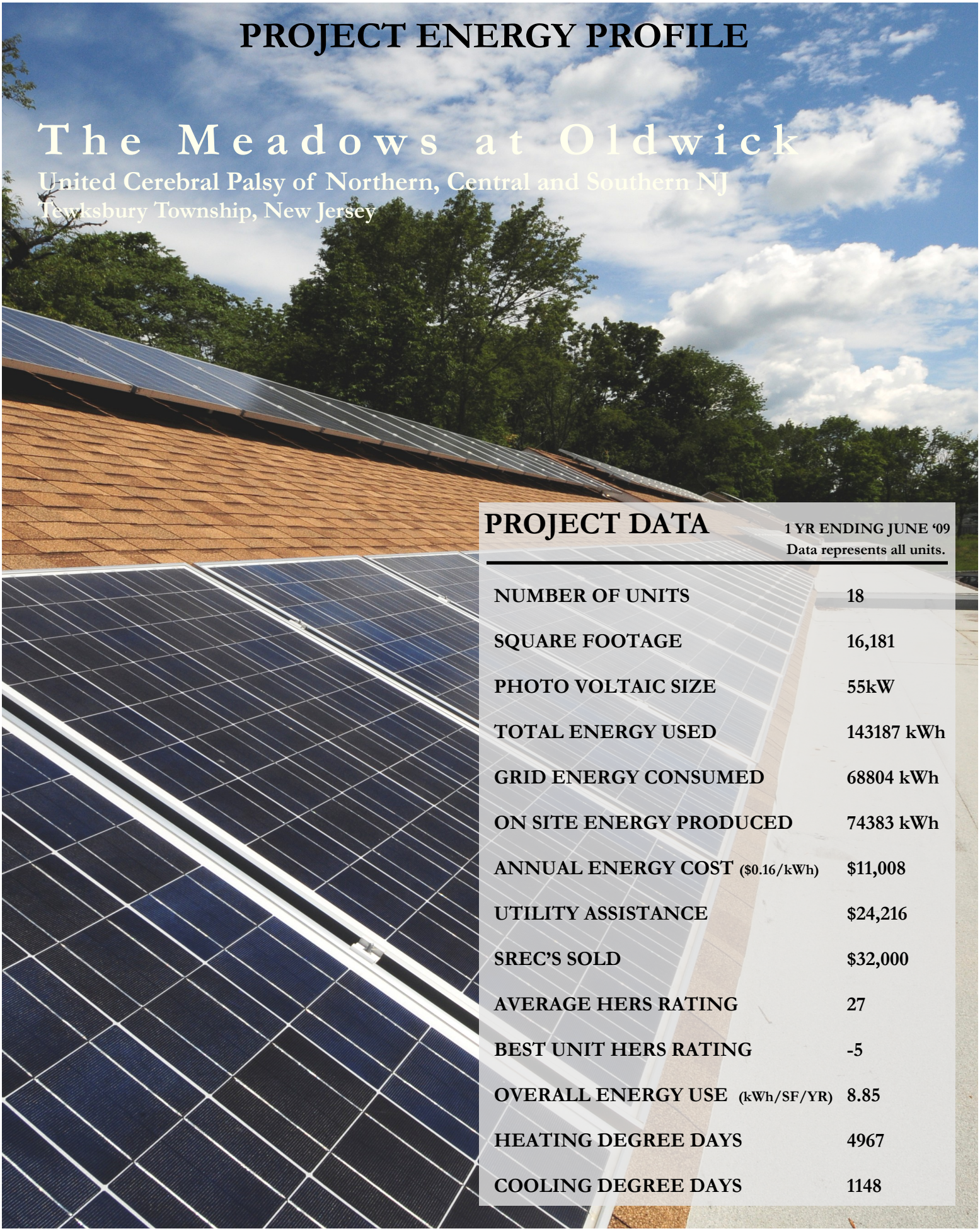
PROJECT ENERGY PROFILE



The Meadows at Oldwick

United Cerebral Palsy of Northern, Central and Southern NJ

Tewksbury Township, New Jersey

PROJECT DATA

1 YR ENDING JUNE '09
Data represents all units.

NUMBER OF UNITS	18
SQUARE FOOTAGE	16,181
PHOTO VOLTAIC SIZE	55kW
TOTAL ENERGY USED	143187 kWh
GRID ENERGY CONSUMED	68804 kWh
ON SITE ENERGY PRODUCED	74383 kWh
ANNUAL ENERGY COST ($0.16/kWh)	$11,008
UTILITY ASSISTANCE	$24,216
SREC'S SOLD	$32,000
AVERAGE HERS RATING	27
BEST UNIT HERS RATING	-5
OVERALL ENERGY USE (kWh/SF/YR)	8.85
HEATING DEGREE DAYS	4967
COOLING DEGREE DAYS	1148

BETTER WORLD BUILDING TECHNOLOGY
PROJECT PROFILE

The Meadows at Oldwick

United Cerebral Palsy of Northern, Central and Southern NJ

Beyond Zero Energy Cost

The Meadows at Oldwick is an 18-unit affordable housing development for families and individuals with disabilities. This fully accessible living complex of over 21,000 square feet includes 11-one bedroom units, 7 two-bedroom units and a community center, all of which incorporate an extensive "green" features list fitting a LEED Platinum Rating.

The Meadows at Oldwick was awarded the 2008 New Jersey Governor's Excellence in Housing Award for Green & Sustainable Development of the Year. In addition to receiving an honorable mention from the New Jersey Board of Public Utilities for The NJ Clean Energy Project of the Year, the Meadows received the National Bronze Award for Large Commercial Project from the Insulated Concrete Form Association.

The Meadows went beyond green in energy efficiency by producing a HERS Rating of 27, which is 73% better than the standards of the 2006 International Energy Conservation Code. The units were also able to perform at an unheard of low energy - consumption rate of 8.85 kWh/Square Foot/Year without considering the offsetting gains of the solar PV systems.

Upon monitoring one year of data, the 18 affordable housing units received an average monthly utility bill of $50 per unit. This cost was for the energy consumed to heat, air condition, ventilate, produce hot water, run appliances, provide lighting and all other energy needs. Taking into account the utility allowance extended by the project sponsor, the residents enjoyed a lower than *Zero Energy* expenditure.

Just as the residents were able to offset their operational energy usage with the solar PV systems, the project sponsor was able to recoup part of its capital investment via the Solar Renewable Energy Credits which equaled $32,000 for the year. These proceeds offset the operational energy costs of the site and the 4800+ square foot Community Center that functions as a support facility and meeting place for the residents. The common area energy cost for the same one year duration was $7,000, leaving the owner with a $25,000 recapture!

These results not only go beyond *Zero Energy* cost, they set a standard for similar multifamily housing developments and pave the way for all new developments seeking affordable green building design and construction methods.

Better World
Building Technology