



Intelli-Hood[®] kitchen controls have been installed in several correctional facilities, reducing energy usage and operations costs.



**ENERGY (kWh)
SAVINGS / YEAR**
Estimated: \$8,578
Actual: \$15,237



**REDUCTION IN KITCHEN
HVAC COSTS / YEAR**
Estimated: 47%
Actual: 85%



CO₂ REDUCED / YEAR
Estimated: 59,621 lb
Actual: 103,298 lb



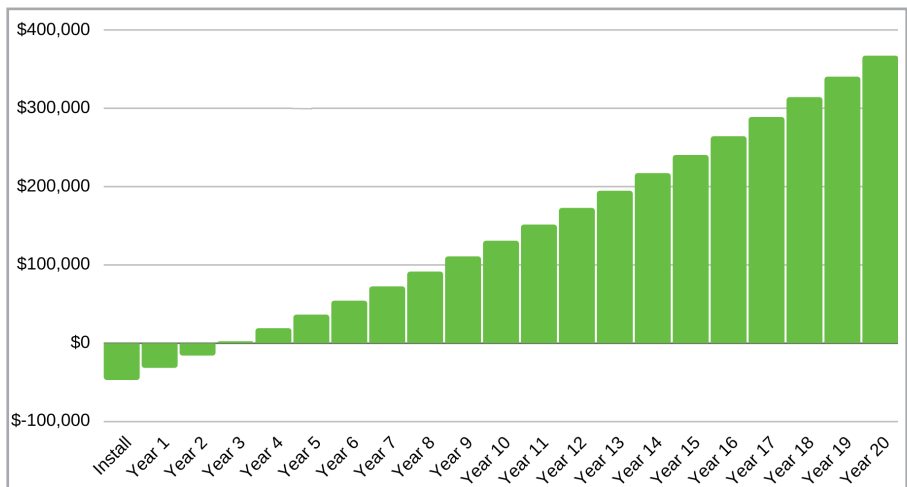
KWH SAVINGS / YEAR
Estimated: 44,493 kWh
Actual: 77,088 kWh



PAYBACK
Estimated: 5.3 years
Actual: 3.0 years

Melink's Intelli-Hood[®] system is part of an Energy Savings Performance Contract (ESPC) with this California county jail, which houses 680 inmates. ESPCs provide *guaranteed* energy savings in their contracts, so Melink's customer (an engineering firm representing the facility) was on the hook for the proposed energy savings. Because Melink uses site-specific information combined with performance data from hundreds of previously installed Intelli-Hood systems, system performance can be predicted accurately. Melink also ensures its estimates are conservative so as not to "oversell" savings, especially in a case like this where the customer is responsible for guaranteed savings. Melink "undersold" and overdelivered on energy savings for the county jail.

CUMULATIVE 20-YEAR CASH FLOW



This graph represents the total cash flow at the end of each year. After Year 2, Intelli-Hood pays for itself. Then savings begin to accumulate, resulting in a positive cash flow stream for years.