

Sustainability in Suburbia

Year Built: 1986

Home Size: 1,780 ft²

Year Remodeled: 2007-2008

Occupants: 2

Sustainable Building Exterior & Garden

- Utilized recycled lumber and materials from **ReSource Yard** for landscaping
- All mulch is recycled from Xmas trees via the City of Louisville recycling program
- Garage paint from Household Hazardous waste give-away



- Xeriscape
- Drip irrigation
- Sprinkler with low-flow motorized heads



Grid-tied 4.4 kW PV system

Green Incentives

- Amendment 37
- Xcel Energy Solar Rebate



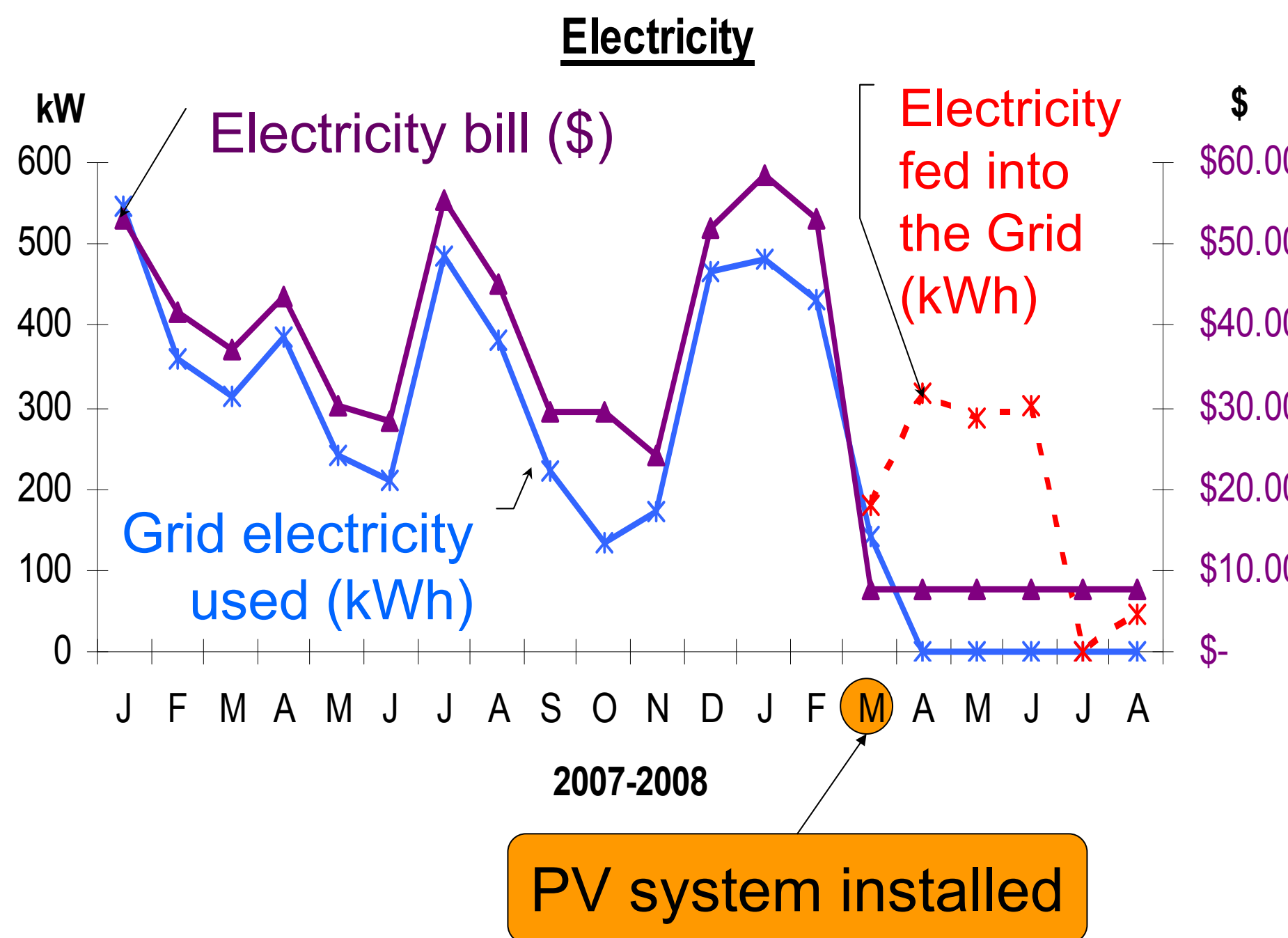
Sustainable Interior

- 90% salvaged furniture
- Corn-based carpet
- Low-VOC, non-VOC paint
- Salvaged bathroom countertop

- Low-flow shower heads
- Low-flow clothes washer
- Low-flow dishwasher
- Aerators on faucets

Electrical Efficiency & Renewable Energy

- Passive solar design
- Grid-tied 4.4 kW PV system
- Compact fluorescent lights (50% of lights)
- REAP audit
- Solar powered fan in the attic
- Kill-a-Watt (device which measures the electrical efficiency of your appliances)
- ENERGY STAR washing machine
- Hot tub replaced with "Softub" (uses 1/3 to 1/2 less electricity)



Thermal Efficiency

- REAP audit
- Passive solar design
- Double cell blinds
- Tank-less hot water system
- Insulation in attic & ceiling (R-50), walls (R-13 – 18)
- Programmable thermostat

