



# Providence Homes

Kettering @ eTown | Jacksonville, FL | MyProvidenceHome.com



Photos courtesy of Providence Homes

“We chose Providence Homes because we trust their build quality and love that their homes are energy efficient.” Homeowners



## PROJECT DATA

- **Layout:** 4 bdrm, 2.5 bath, 2 fl, 2,494 ft<sup>2</sup>
- **Climate:** IECC 2A, hot-humid
- **Completed:** June 2022
- **Category:** Production

### MODELED PERFORMANCE DATA

- **HERS Index:** without PV 53; with PV 17
- **Annual Energy Costs:** without PV \$1,200; with PV \$400
- **Annual Energy Cost Savings:** (vs typical new homes) without PV \$900; with PV \$1,700
- **Annual Energy Savings:** without PV 7,600 kWh; with PV 13,600 kWh
- **Savings in the First 30 Years:** without PV \$35,800; with PV \$68,500

## CONTACT

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## KEY FEATURES

- **Walls:** 2X6, 24" o.c., R-21 total: advanced framed, OSB, house wrap, fiber cement siding.
- **Roof:** Gable, hip, and shed truss roof; 7/16" OSB decking; synthetic underlayment, 30-yr architectural shingles.
- **Attic:** Unvented attic: vaulted ceilings, 6" R-21 open-cell spray foam on underside of roof.
- **Foundation:** Slab on grade.
- **Windows:** Double-pane, vinyl, low-e, single-hung & fixed, U=0.23, SHGC=0.22.
- **Air Sealing:** 2.16 ACH50; canned foam used to seal all penetrations in walls, sill seal under bottom plate, open-cell spray foam to seal top plates and attic penetrations.
- **Ventilation:** Run-time ventilation with fresh air intake; exhaust fans. MERV 11 filter.
- **HVAC:** Central air source heat pump, multi zone; 16 SEER, variable speed air handler; flex ducts in conditioned space. Programmable thermostats w/humidity controls.
- **Hot Water:** Heat pump water heater, 50-gal, 3.5 EF.
- **Lighting:** 100% LED.
- **Appliances:** ENERGY STAR refrigerator, dishwasher.
- **Solar:** 5.200 DC kW (STC) rooftop panels.
- **Water Conservation:** Entire house is EPA WaterSense certified.
- **Energy Management System:** Energy usage monitor; "Smart" recirculation pump.
- **Other:** Low emission paint, cabinets, carpet, OSB, MDF. Energy usage monitor.

