

Real Resilience for Vermont Hillside East at O'Brien Farm



**O'Brien
Brothers**

Building Community
Since 1958



O'Brien Farm - The Vision



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Building Community
Since 1936

**GREEN
MOUNTAIN
POWER**
Generating Possibilities Together

LINCOLN BROWN ILLUSTRATION

Hillside East - How It Started

Concept to construction

- ✓ A community built to address the climate crisis *and* housing shortage plus evolving development trends
- ✓ 155 homes operating with 100% carbon free heating, cooling, and electricity
- ✓ Fully electric homes that operate flawlessly with bills that are predictable and manageable
- ✓ Homes are certified by the US Department of Energy's *Zero Energy Ready Home* and Energy Star
- ✓ Zero outages, clean energy
- ✓ A grid resource that benefits homeowners and the community
- ✓ A model for real resilience that can be replicated throughout VT

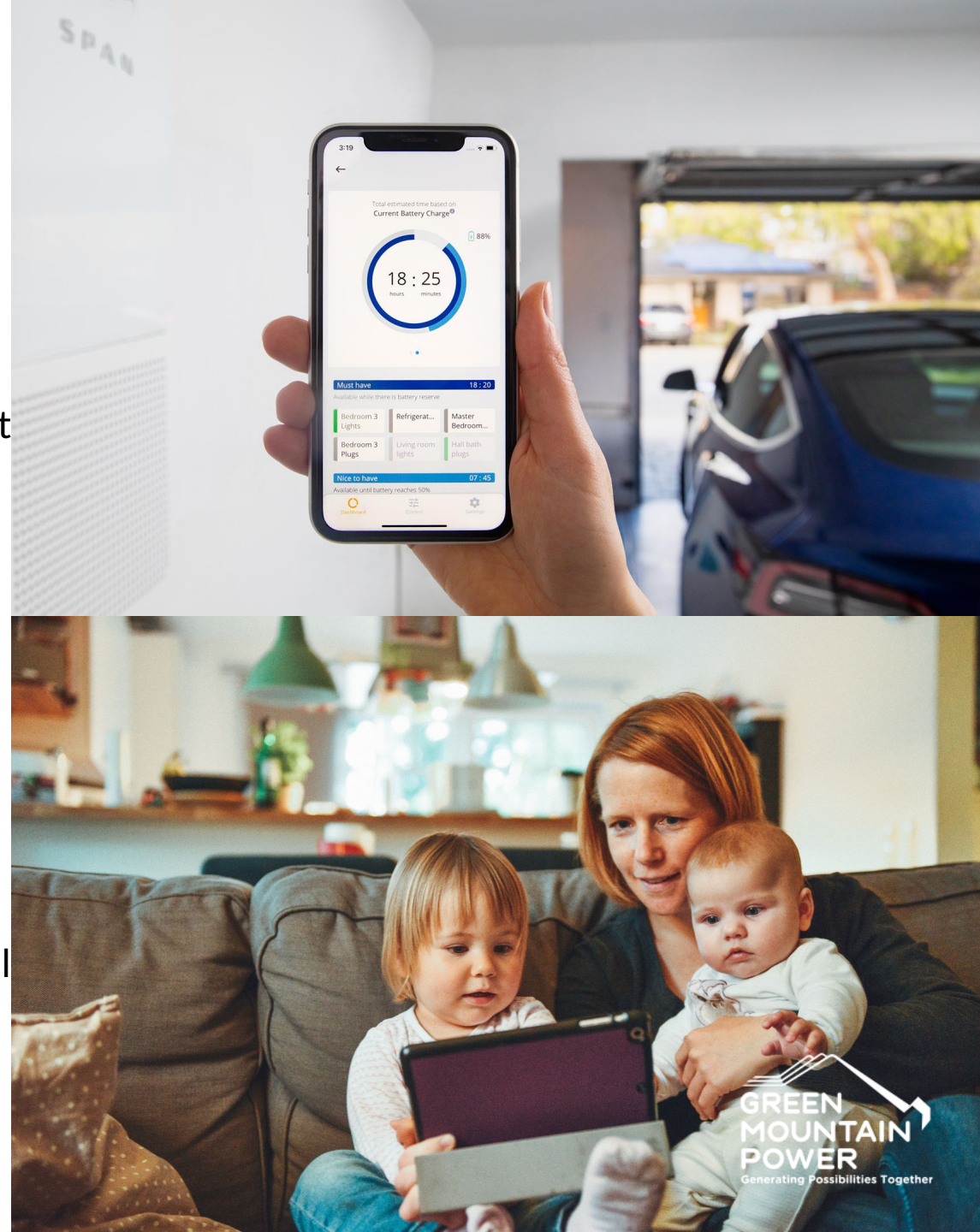
Hillside East - The Details

- 155 homes: single family & townhomes
- 8 income sensitive units
- Homes approximately 18,000kWh/yr
- Each home has 2-3 Tesla Powerwalls and a rooftop solar array as a standard feature
- Every home has SPAN Drive Level 2 charger, and SPAN smart panel as a standard feature
- 320amp electrical panels for single family, 200amp for townhomes
- 1-2MW Large Battery Storage Microgrid



Hillside East: The Customer Experience

- Buyers are excited and want these homes!
- People moving in to fully resilient, carbon free homes that stay powered up regardless of what's happening on the grid.
- Each home has:
 - ✓ Heat pump systems for heating and cooling
 - ✓ All electric appliances
 - ✓ A SPAN Drive Smart Panel with an EV charger give homeowners insight and control over energy use
 - ✓ Tesla Powerwalls batteries and solar to stay powered up no matter the weather
- Grid scale storage to Hillside East to deliver benefits to all GMP customers lowering cost and carbon



Hillside East - How It's Going

Concept to construction

- 14 homes under contract and construction, including model
- First home fully constructed by end of year
- First batteries installed yesterday!
- Potential buyers have direct access to GMP to talk through all electrification questions
- Buyers we talk to love:
 - Resiliency: will never lose power!
 - No fossils in neighborhood!
 - Electrifying lowers costs for all customers!
 - Seamless and easy, decarbonization is already done for them!

HILLSIDE

AT O'BRIEN FARM



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Questions?



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