FLUX HOME

GAS DEMAND IS DECLINING. YOUR INFRASTRUCTURE DOESN'T HAVE TO.

A non-pipes alternative for infrastructure growth — utility-controlled distributed generation

© Flux Home 2026

THE PRESSURE ON GAS UTILITIES

Falling throughput is squeezing returns on rate-base assets.

INFRASTRUCTURE ECONOMICS ARE CHANGING

Declining gas demand is reducing throughput across existing distribution networks.

INVESTMENTS MUST DELIVER RETURNS

Utilities keep investing in infrastructure while facing rising pressure to maximize returns on existing rate-base assets.

TRADITIONAL GROWTH IS CAPITAL INTENSIVE

Conventional load growth demands significant capital and lengthy infrastructure deployment.

FLUX HOME™ GROWS LOAD WITHOUT NEW PIPE.

© Flux Home 2026

A NON-PIPES ALTERNATIVE

FLUX HOME™ is a utility-controlled solid oxide fuel cell that converts natural gas into clean electricity and useful thermal energy — increasing throughput and creating new load on assets already in the ground.

<45	~1	2′×2′×5′	~0.35
dBA AT 10 FT	DAY INSTALLATION	FOOTPRINT W×D×H	m^3/HR FUEL USE

One compact indoor/outdoor-rated unit — sited at the grid edge, dispatched by the utility, deployed without new distribution pipe.

© Flux Home 2026

THE FLUX OPPORTUNITY

Four ways Flux Home™ extends the value of existing infrastructure

01

CREATE NEW REVENUE-PRODUCING LOAD

Generate new load from existing gas infrastructure to strengthen throughput and support revenue recovery.

02

INCREASE LOCALIZED THROUGHPUT

Drive additional throughput without major capital investment or new distribution pipe.

03

SUPPORT FUTURE ENERGY STRATEGIES

Deploy utility-controlled distributed generation that enhances reliability and supports evolving energy pathways.

04

KEEP CONTROL AT THE UTILITY

Dispatchable, remotely monitored assets that stay under utility visibility and management at the grid edge.

© Flux Home 2026

DELIVERING VALUE

Offsetting grid power to unlock C&I growth

INCREASE INFRASTRUCTURE RETURNS

More throughput from assets you already own

Generate additional throughput and improve utilization of existing gas distribution assets — without new pipe.

IMPROVE REVENUE RECOVERY

New, reliable, utility-controlled load

Create new load that strengthens delivered volumes and supports long-term financial performance.

OPTIMIZE GRID CAPACITY

Offset residential electric demand

Reduce demand at the grid edge to preserve electric capacity for high-value C&I customers.

ENHANCE ENERGY RESILIENCE

Distributed generation at the premise

Support electrification goals and local reliability without major distribution upgrades or capital outlay.

© Flux Home 2026

TECHNICAL SPECIFICATIONS

Grid-edge solid oxide fuel cell — indoor or outdoor rated

SPECIFICATION	VALUE	SPECIFICATION	VALUE
Technology	Solid Oxide Fuel Cell (SOFC)	Installation	~1 day
Fuel source	Natural gas	Footprint (W×D×H)	2′ × 2′ × 5′
Fuel consumption	~0.35 m^3/hr	Weight	~600 lbs
Nominal voltage	120 VAC	Noise level	< 45 dBA at 10 ft
Current	Up to 40 A	Location	Indoor / outdoor rated

Output and consumption vary with site conditions, gas quality and system configuration.

© Flux Home 2026

UTILITY CONTROL & COMPLIANCE

A dispatchable, standards-compliant asset the utility owns and operates

PLATFORM CAPABILITIES

- **Utility telemetry integration** — Seamless integration with utility systems and platforms.
- **Remote monitoring capability** — Real-time performance monitoring and diagnostics.
- **Dispatchable operation** — Utility-controlled to support grid needs and demand response.
- **Grid-edge deployment** — Distributed generation at the local network level.
- **Utility-controlled asset management** — Maintain control and visibility of distributed assets.

CERTIFICATIONS & COMPLIANCE

- **UL 1741** — Inverter safety for grid support
- **UL 9540B** — Battery safety compliance
- **EN 50465** — Electrical compatibility standard
- **Remote telemetry (Wi-Fi)** — Utility monitoring and controls

Built for today's natural gas infrastructure. Ready for tomorrow's energy network.

© Flux Home 2026

MORE THROUGHPUT. NEW LOAD.

NO NEW PIPE.

Let's scope a Flux Home™ deployment on your network — contact the Flux team to discuss siting, interconnection and utility control.

© Flux Home 2026

PRODUCT BROCHURE

Full-page reference — leave-behind collateral

01 MARKET OPPORTUNITY

02 INFRASTRUCTURE VALUE

03 TECHNICAL PLATFORM

© Flux Home 2026