

The latest development of microgrids



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[Microgrids: A review, outstanding issues and future trends](#)

Electricity distribution networks globally are undergoing a transformation, driven by the emergence of new distributed energy resources (DERs), including microgrids (MGs).

Future of Microgrids: 10 Tech Trends in Energy

Explore the future of microgrids, from AI-driven controls and energy storage to hybrid systems and resilience, shaping reliable power for modern



Introducing Claude Sonnet 4.5 \ Anthropic

Claude Sonnet 4.5 is the best coding model in the world, strongest model for building complex agents, and best model at using computers.

Claude Opus 4.1 \ Anthropic

Getting started We recommend upgrading from Opus 4 to Opus 4.1 for all uses. If you're a developer, simply use claude-opus-4-1-20250805 via the API. You can also explore our system card,



Claude 3.7 Sonnet and Claude Code



Introducing Claude Opus 4.6

We're upgrading our smartest model. Across agentic coding, computer use, tool use, search, and finance, Opus 4.6 is an industry-leading model, often by wide margin.



Introducing Claude 4 \ Anthropic

Discover Claude 4's breakthrough AI capabilities. Experience more reliable, interpretable assistance for complex tasks across work and learning.



Today, we're announcing Claude 3.7 Sonnet, our most intelligent model to date and the first hybrid reasoning model generally available on the market.



Microgrids spread across US as Big Tech, utilities

November 3 - Microgrids are being developed across the U.S. as new data centers drive up power demand and companies and communities seek reliable power



Introducing Claude Opus 4.5 \ Anthropic

Our newest model, Claude Opus 4.5, is available today. It's intelligent, efficient, and the best model in the world for coding, agents, and computer use. It's also meaningfully better at

[Advancing Claude in healthcare and the](#)

[life sciences](#)

In October, we announced Claude for Life Sciences, our latest step in making Claude a productive research partner for scientists and clinicians, and in helping Claude to support those in



[Anthropic acquires Vercept to advance Claude's computer use](#)

Vercept is the latest team we've brought into Anthropic, following the acquisition of Bun. We look for teams whose technical ambitions match ours, whose work advances our capabilities,

Introducing Claude Sonnet 4.6

Claude Sonnet 4.6 is a full upgrade of the model's skills across coding, computer use, long-reasoning, agent planning, knowledge work, and design.



Introducing Claude Haiku 4.5 \ Anthropic

Claude Haiku 4.5, our latest small model, is available today to all users. What was recently at the frontier is now cheaper and faster. Five months ago, Claude Sonnet 4 was a state-of

Contact Us

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<https://www.peyronies.us>