

RENEWABLE ON-SITE POWER FOR DATA CENTERS

1–50 MW | 24/7 Firm On-Site Power | Behind-the-Meter | Biomass + Backup + BESS

**TURN LOCAL
BIOMASS INTO
RELIABLE POWER
FOR DATA CENTERS**



24/7 Firm On-Site Power

Renewable biomass as primary energy, integrated with backup and BESS for resilience



Reduced Grid Dependency

Ideal for constrained-grid and remote locations



Local Biomass Local Energy

Utilize regional biomass resources sustainably

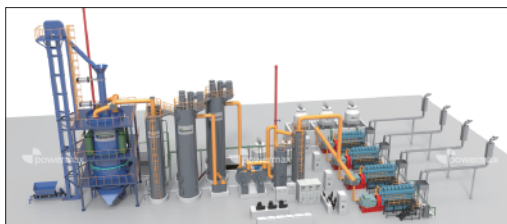


Scalable & Modular

From MW-scale projects to multi-unit energy campuses

Proven Experience. Real Projects.

Engineering biomass gasification power systems for industrial power and thermal energy applications worldwide.



1.5MW Biomass Gasification Power Generation (Philippines)

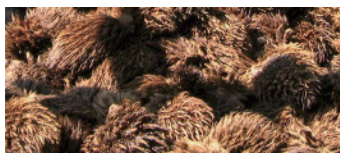


9MW Biomass Gasification Project (Vietnam)

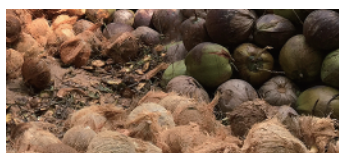
SUSTAINABLE BIOMASS RESOURCES



Wood Chips



EFB
(Empty Fruit Bunch)



Coconut Shell



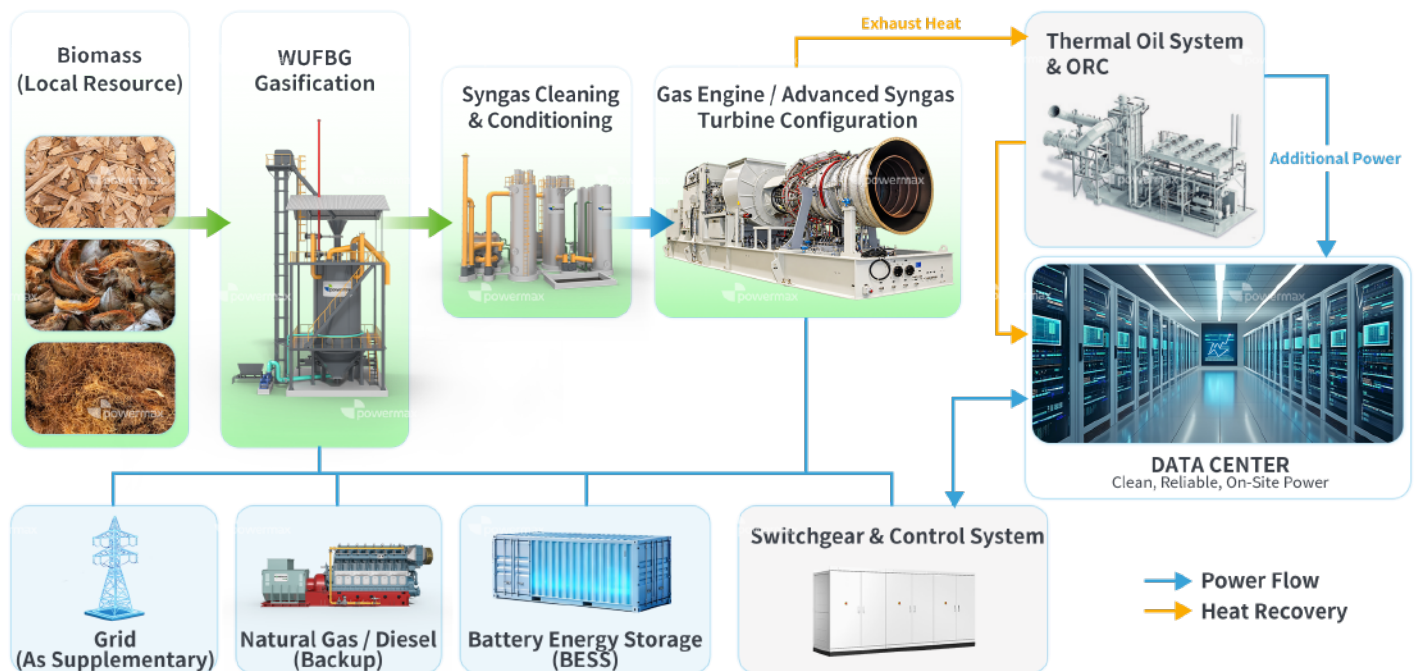
Agricultural Residues

INTEGRATED ENERGY SOLUTION FOR DATA CENTERS

Combining biomass gasification, power generation, waste heat recovery, energy storage and multi-energy integration to deliver reliable, low-carbon and cost-effective power for data centers.

SYSTEM OVERVIEW

MODULAR | RESILIENT | SCALABLE



WHY POWERMAX FOR DATA CENTERS?



Reliable 24/7 Power

Designed for continuous operation to support mission-critical loads.



Lower-Carbon Primary Power

Use sustainably sourced biomass as the primary energy source, while integrating conventional backup and BESS for operational resilience.



Flexible Fuel Sources

Wood chips, EFB, agricultural residues and other qualified biomass.



Scalable Solutions

From 1 MW to 50 MW+, modular design to match your project needs.

YOUR PARTNER FOR SUSTAINABLE DATA CENTER POWER

Consult with our experts to explore the right solution for your project.



Scan to
Learn More
About Our Solutions

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**CLEAN ENERGY
BRIGHTER TOMORROW**