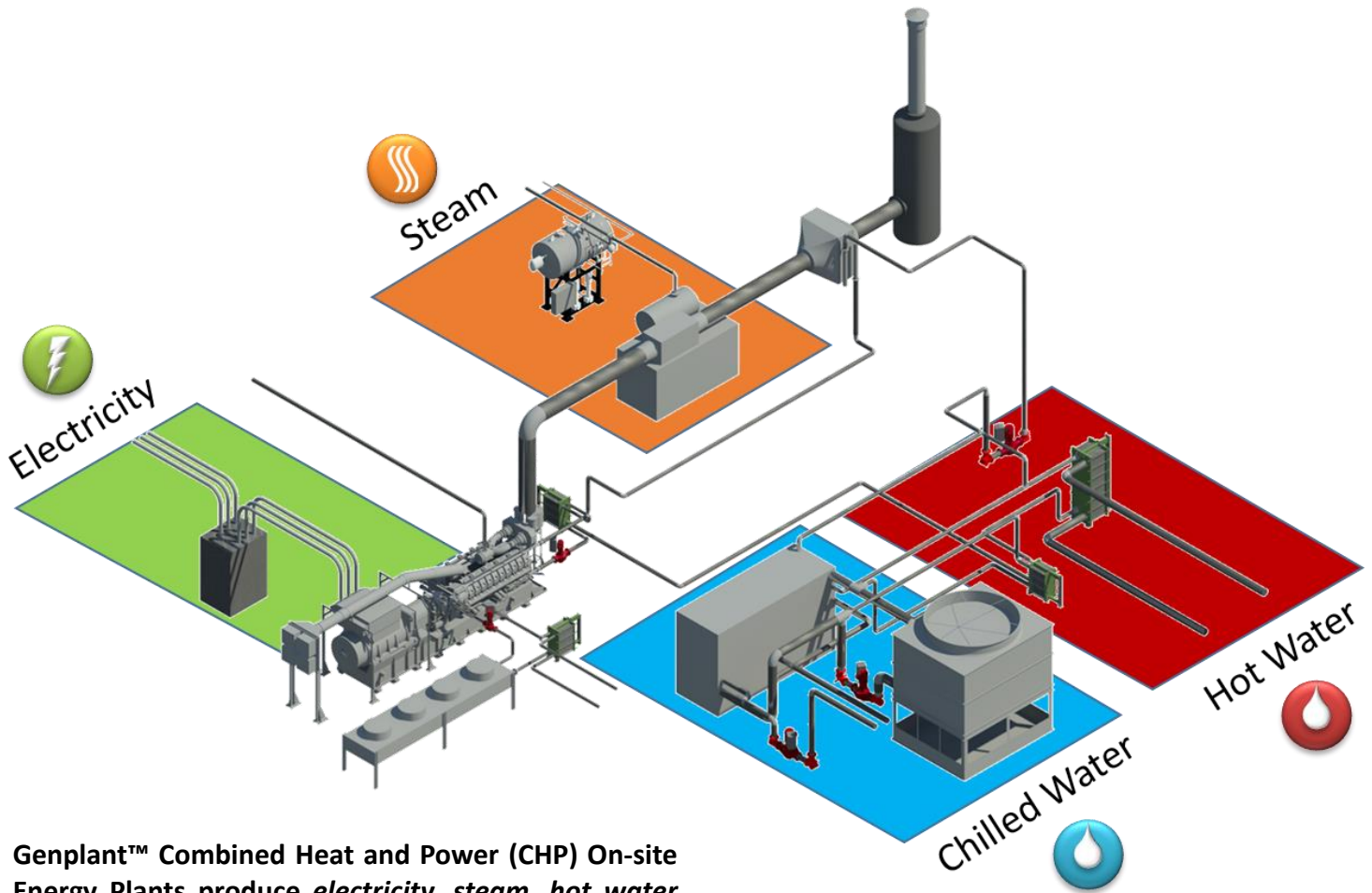


# Combined Heat and Power (CHP)

## Genplant On-site Energy Plant Solutions



Genplant™ Combined Heat and Power (CHP) On-site Energy Plants produce *electricity, steam, hot water and/or chilled water* for on-site customer use.



Genplant on-site CHP plants are complete solutions that include all required scope for a fully operational energy production system including design, permitting, engineering, procurement, fabrication, construction, commissioning and testing. Genplant offers ongoing CHP plant operations and maintenance, as well as, remote systems monitoring to support the CHP plant once it has been installed.

Genplant offers CHP plants ranging output from 100kW to over 50MW. We utilize pre-engineered CHP system building blocks to match the unique requirements of your facility without the need to start the design process from scratch saving you time and money. Our CHP plants are backed by schedule and performance guarantees, as well as, a comprehensive 5-year warranty.

The Genplant on-site CHP plants are *the natural replacement of existing boilers, electric chillers and the electrical grid* integrating all of the best technology, engineering design and comprehensive state-of-the-art controls into a streamlined fully modular and pre-tested manufactured solution.



11902 Central Parkway  
Jacksonville, FL 32224  
+1(904) 567-6020  
[www.genplant.com](http://www.genplant.com)

 @energyonsite  
 [sales@genplant.com](mailto:sales@genplant.com)

 **genplant**  
On-site Energy

# Combined Heat and Power (CHP)

## Genplant On-site Energy Plant Solutions

Genplant's CHP product line includes four series that are focused on the specific and unique needs to cover the full range of 100kW to over 50MW.

The Genplant CHP plant solutions have been designed to address the unique electric and thermal energy needs of facilities over the range of facility sizes. All Genplant CHP plant solutions are configurable so that the unique needs of most facilities can be satisfied.

Genplant can utilize the building blocks of our pre-engineered solutions to customize a CHP plant solution to meet the on-site energy requirements of facilities with unique needs.

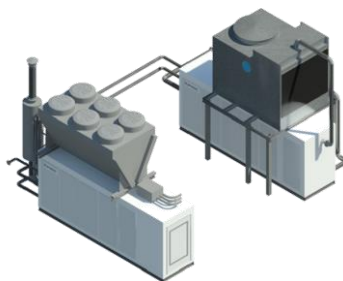
While there are alternatives in the market for CHP plant delivery, the Genplant On-site Energy Plant Solutions represent the best combination of time to construct, cost, quality, performance and reliability.

### Key Benefits

- ☐ Reduced energy cost
- ☐ Improved electric and thermal energy reliability
- ☐ Increased control over energy production
- ☐ Reduced environmental footprint
- ☐ Improved energy production system redundancy
- ☐ Increased energy production efficiency

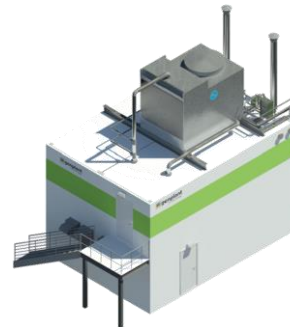
### μGEN™ Series

100 – 1,000kW  
Modular Components  
Single Genset  
Natural gas, Propane, Biogas  
Delivered in 6 months or less



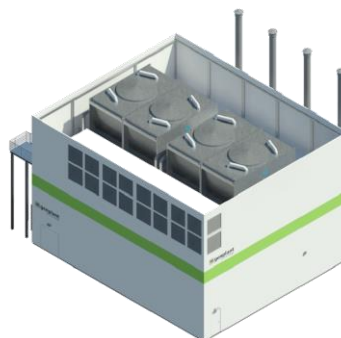
### GENc™ Commercial Series

1,000 kW to 3,000kW  
Complete Facility  
Multiple Gensets  
Natural gas, Propane, Biogas  
Delivered in 10 months or less



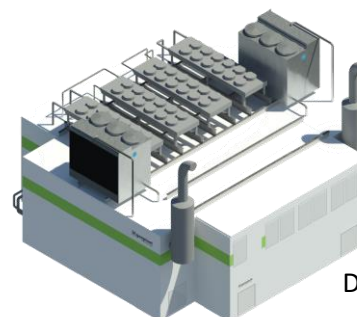
### GENi™ Industrial Series

2,400kW to 10,000kW  
Complete Facility  
Single and  
Multiple Gensets  
Natural gas, Propane, Biogas  
Delivered in 12 months or less





### GENu™ Utility Series

3,000kW to 50,000kW  
Complete Facility  
Single and  
Multiple Gensets  
Natural Gas, Diesel, HFO  
Delivered in 12 months or less



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www.genplant.com

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