

# Hydrogen CHP

## 115 - 750 kW



### World's First 100% H2 CHP

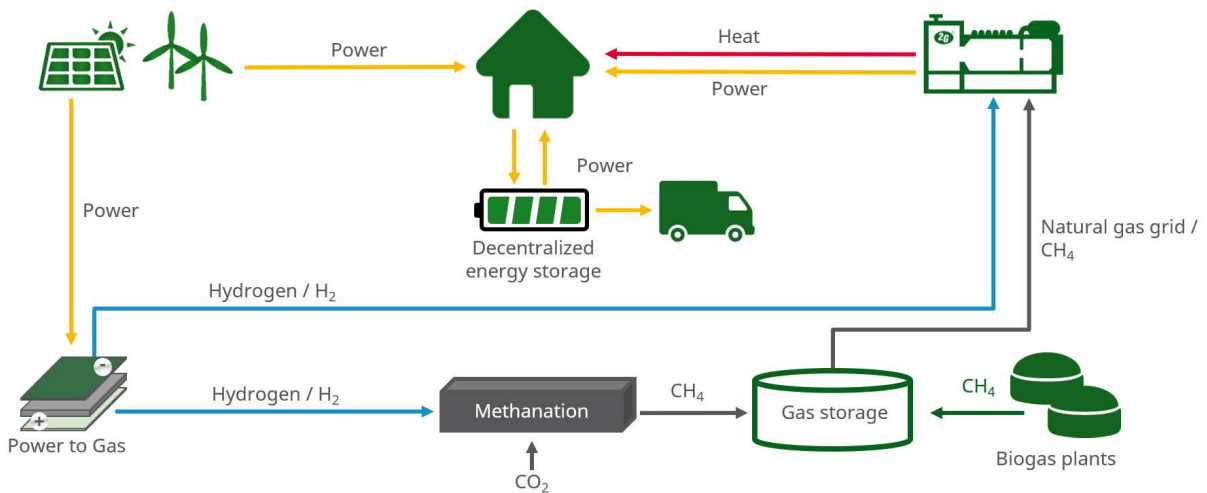
2G has adapted an efficient natural gas CHP system that can use pure hydrogen in an economically friendly and reliable way for the decentralized generation of electricity and heat.

- 100% green hydrogen (H<sub>2</sub>) as a climate-neutral fuel for combined heat and power
- Highly efficient, field-tested natural gas engines from the agenitor, aura and avus product lines are the backbone of our hydrogen CHP lineup
- Wide range of gas types from pure hydrogen to variable gas mixtures with natural gas or lean gases
- Hydrogen engine CHP more robust and cheaper than fuel cells
- Delivery as a ready-to-connect container solution possible



Type	Output		Efficiency			
	Electrical	Thermal	Electrical	Thermal	Total	
<b>agenitor 404c</b>	115 kW	129 kW	440 MBTU	37.7 %	42.3%	80.0 %
<b>agenitor 406</b>	170 kW	183 kW	624 MBTU	39.0 %	41.9%	80.9 %
<b>agenitor 408</b>	250 kW	250 kW	853 MBTU	40.2 %	41.9 %	82.1 %
<b>agenitor 412</b>	360 kW	371 kW	1,266 MBTU	40.5 %	41.7 %	82.2 %
<b>agenitor 420</b>	750 kW	687 kW	2,344 MBTU	41.1 %	39.3 %	80.4 %

2G Energy's standard natural gas engines can be fueled retrofitted to run on hydrogen anytime on site.



## 2G Combined Heat & Power

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