



American**Ag**Energy

American Ag Energy

CHPA Webinar

Who We Are

American Ag Energy, Inc. ("AAE") provides technology, and designs and operates projects that simultaneously combat carbon-based fossil fuel discharges into the atmosphere while generating economic benefits.

AAE provides technology and products for the control of CO₂ in the atmosphere using controlled environment agriculture, carbon sequestration, and biomass gasification.

The Company's customers include large international food and manufacturing companies, food distributors, and supermarkets.



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Controlled Environment Agriculture Advantages



Sustainable Production

Combined Heat and Power saves 820,000 lbs CO₂ per acre annually compared to using grid power and onsite boilers.
All water is supplied by collected rainfall.

Fresh and High Quality

No adverse runoff, erosion, or land deterioration.
No pesticides, herbicides, or synthetic fertilizers.

Local Supply

Food miles are reduced by 94% through New Hampshire production.
In-transport food spoilage reduced by 97% for the Northeast US Market.

Enhanced Yields

Revenues increase 30% due to CO₂ dousing and an additional 40% due to enhanced lighting.

Community Growth

Much needed new business with stable year-round employment for a community in NH that has been economically challenged.
Local, state, and federal support for this and future products.



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North Country Growers

Berlin, NH

North Country Growers

North Country Growers LLC ("NCG") is a company unit engaged in the operation of greenhouses in Berlin, NH to sell salad greens and other vegetables.

- Proven technology developed and used in the Netherlands and Belgium
- Use of combined-heat-and-power allows for full utilization of lighting, waste heat, and CO₂ for operations
- Production of 15,000,000 heads of lettuce per 10 acres
- Sell to wholesalers and retailers in the Northeast region such as Baldor, Whole Foods



CHP TAP Assessment and IAC Implementation Grant



- Reached out to find out incentives available to NCG for CHP system
- Recommended to apply to IAC Implementation Grant
- Submitted project overview information, budget information, and fuel savings analysis



Berlin, NH Greenhouses – CHP Engine



Berlin, NH Greenhouses

