Anaerobic Digester Performance in NYS following the ASERTTI Protocol

Information in this study will be useful not only for the farms monitored but for others who design, operate, and/or develop public policies related to anaerobic digestion. Specific results include items such as:

- the efficiency of utilizing the biogas generated
- the heat of combustion captured for beneficial use
- greenhouse gas emission estimated reductions
- the economics of the system.

Executive Summary:

The primary goal of the study is to provide participating farms with performance results for their digester. Performance data includes several parameters that indicate the efficiency and success of the AD system. These results show annual trends and will allow the farms to make management decisions where there are opportunities for improved efficiency and optimization.

Findings will also be made available to the public, including digester system designers as well as potential digester project owners. Information from the study can be used to improve future AD design criteria. Conclusions showing promising AD performance will encourage funding for future AD projects.

The Cornell Manure Management Program: Monitoring On-farm Anaerobic Digester Performance in NYS following the ASERTTI Protocol

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