

Appendix D – Energy Supporting Information

Contains:

- 2022 Power Use Comparison: CASP and eASP versus CTI Composting (ECS)



engineered**COMPOST**systems

Estimated Power Use Comparison: ECS Primary CASP & Secondary ASP versus CTI Bags

Model Date 11/16/2022
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	Retention Time	Throughput (7 day basis)	Total Air Delivered During Retention Time	Air Delivery Ratio	Est. Annual Power Consumption	kWhr/ton Ratio	Power Consumption per Daily Tonnage
System	days	tons/day	cubic ft air / ton feedstock	ECS : CTI	kWh/Year	ECS : CTI	kWh/tons/day
CTI Bag System	98	625	45,075	9 : 1	851,862	4 : 1	1,400
ECS CASP Primary & Curing	38	1578	389,000		8,151,000		5,165