



Appendix A

	Xcel Energy (RDF combustion with electricity generation)	Xcel Energy post-2027	Pre-processing and digestion of RDF	Pre-processing and sortation of RDF for paper/add'l recycling	Landfill only (for comparison, not recommendation)
Approx. cost/ton to deliver RDF to end facility	\$18/ton (avg.)	\$43/ton	\$105/ton	\$150-170/ton	\$82/ton
Annual cost to transport	\$5M to transport to Red Wing & Mankato		TBD based on facility location	NM (non-measurable): assumes location near R&E Center	\$3M to transport to WM Burnsville Landfill
Annual cost to R&E Facility Budget	\$11.5M	\$17M	\$34.5M	\$45M	\$27M
R&E Center tipping fee impact (current \$25/ton)	\$0/ton	+\$13/ton	+52/ton	+\$75/ton	+\$30/ton
Future R&E Center tipping fee	\$130/ton (2025)	\$173/ton*	\$212/ton*	\$235/ton*	\$190/ton*
Additional recycling**	No		Yes - 30% ^{††}	Yes –26% ^{††}	No
Volume reduction[†]	Yes - 72%				No
High BTU fuel byproduct (hard to manage material)	No – converted to ash for landfill disposal		Yes – 47% of feedstock	Yes – 53% of feedstock	No
GHG reduction vs landfill	<i>To be provided – calculations being finalized (anticipated favorable in all cases)</i>				N/A
PFAS reduction	Yes		No	No	No
Carbon capture	Possible		No	No	No

*Assumes base tipping fee of \$160.

** Percent of delivered RDF that is recycled.

[†] Reduction in materials landfilled compared to tons delivered to end market facility.

^{††} High BTU fuel byproduct not included in these datapoints; assumed landfilled for purpose of this table.