## Compliance with the Solid Waste Hierarchy

+	MRC/Fiberight	Business as usual	Moving Maine up the hierarchy	OVERALL
very	more resource recovery	Puts commercial waste displaced from plant by municipal waste on the road in search of a home, very likely a landfill		
3.	MRC Less landfilling	About 24% of incoming MSW requires landfill disposal in form of ash.	About 20% of incoming MSW requires landfill disposal in form of solid residue and some ash.	Landfill disposal
overall ecovery	MRC Fewer emissions, higher overall efficiency for energy recovery	Combusts remaining materials, including plastics and metals. Generates electricity, but does not recover heat (less efficient).	Converts remaining insoluble organics to clean biomass fuel for sale and to produce electricity and heat to run the plant	Energy recovery
or costs. ing disposal.	MRC No vehicle emissions or costs. Fewer contaminants requiring disposal. No land-spreading.	Requires diversion to a conventional AD facility such as Exeter. Converts soluble organics to bio-gas to make subsidized electricity. Insoluble organics are landspread on fields. Some contaminants are diverted to landfill disposal. Requires separate collection and haul system with additional vehicle emissions and costs.	Not necessary. Avoids emissions from additional collection vehicles and avoids associated costs.	Composting and organics recovery:  Organic materials collected separately
ions	MRC More recovery, fewer CO2 emissions	No recovery. Materials are combusted. Would not comply with new legislative mandate if enacted. The combustion of unrecovered and un-separated carbohydrates leads to more emissions of CO2.	Converts carbohydrates to hydrocarbons via digestion of soluble organics and hydrolysis/digestion of a portion of insoluble organics (e.g., diapers, low-grade paper). Would comply with new legislative mandate if enacted	Composting and organics recovery: From MSW
	MRC More recovery	Recovers ferrous metals only	Provides "second pass" at recyclables. Recovers metals, glass, plastics and high-value paper	Recycling: From MSW
cost, cap on ee	MRC Shorter distance, less haul cost, cap on recyclables tip fee	Local control: each town can continue existing programs or add new programs at its option.	Local control: each town can continue existing programs or add new programs at its option.  Towns can use any MRF at their option.	<ul> <li><u>Recycling:</u></li> <li>Separate single-stream collection</li> </ul>
	Even	Local control: each town can continue existing programs or add new programs at its option	Local control: each town can continue existing programs or add new programs at its option	Waste reduction
	Advantage	ecomaine	MRCFiberight	

## Displacing fossil fuels and reducing the carbon footprint

## **Economics and Voice**

	MRC/Fiberight	ecomaine	Advantage
Tip Fee	\$70.00/ton	\$70.50 per ton*	MRC Saves \$2,500/yr
Revenue Sharing:	Ýes	No	MRC Anticipated rebates of \$5-\$20/ton, or \$25k-\$100k/yr
Governance	Voting member, strong Board oversight and transparency	Customer, staff-driven organization with less transparency	MRC  More transparency, more say.

<sup>\*</sup>Based on 20 year contract price offered formally to the Mid Coast Solid Waste Corporation.