

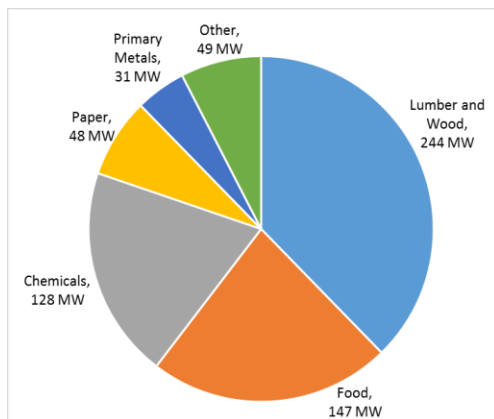
## Oregon

Oregon has 1,342 MW of CHP technical potential capacity identified at 3,466 sites.<sup>87</sup>

**Table 1: Overall CHP Technical Potential in Oregon**

Business Type	50-500 kW		0.5 - 1 MW		1 - 5 MW		5 - 20 MW		> 20 MW		Total	
	Sites	50-500 kW (MW)	Sites	0.5-1 MW (MW)	Sites	1-5 MW (MW)	Sites	5-20 MW (MW)	Sites	>20 MW (MW)	Total Sites	Total MW
Industrial Topping Cycle CHP	608	111	94	66	127	262	21	167	1	39	851	646
Commercial Topping Cycle CHP	2,122	211	347	164	130	197	9	67	1	23	2,609	662
WHP CHP	1	0.02	0	0	3	10	1	18	0	0	5	29
District Energy CHP	0	0	0	0	1	5	0	0	0	0	1	5
<b>Total</b>	<b>2,731</b>	<b>323</b>	<b>441</b>	<b>230</b>	<b>261</b>	<b>474</b>	<b>31</b>	<b>252</b>	<b>2</b>	<b>62</b>	<b>3,466</b>	<b>1,342</b>

**Figure 1: Top Industrial Types with On-site CHP Technical Potential**

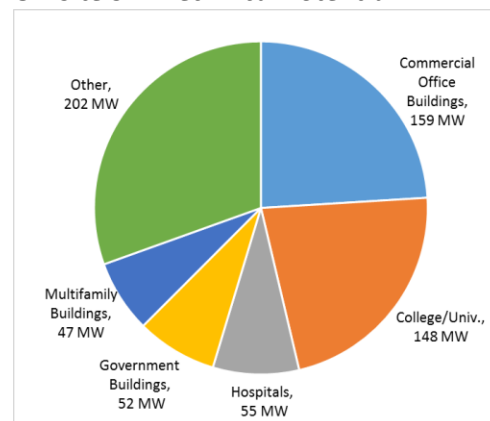


There is 646 MW of industrial on-site CHP technical potential in Oregon, primarily in the lumber and wood, food, chemicals, paper, and primary metals sectors.

**Table 1.1: Oregon WHP CHP Technical Potential**

SIC	WHP CHP Business Type	Total Sites	Total MW
32	Stone/Clay/Glass	3	10
33	Primary Metals	1	18
38	Instruments	1	0.02
	<b>Total</b>	<b>5</b>	<b>29</b>

**Figure 2: Top Commercial Business Types with On-site CHP Technical Potential**



There is 662 MW of commercial, institutional and multifamily on-site CHP technical potential in Oregon, primarily in the commercial (office) buildings, colleges and universities, hospitals, government buildings, and multifamily buildings sectors.

**Table 1.2: Additional CHP Technical Potential in Existing Oregon District Energy**

SIC	District Energy Type	Total Sites	Total MW
4961	Current Loops without CHP	1	5
4961	Current Loops with CHP expansion	0	0
	<b>Total</b>	<b>1</b>	<b>5</b>

<sup>87</sup> A detailed breakdown of Oregon technical potential by application and size range is available in Appendix D, page D-75. For more information see: [www.energy.gov/chp-installs](http://www.energy.gov/chp-installs), [www.energy.gov/chp-projects](http://www.energy.gov/chp-projects), [www.energy.gov/chp-contacts](http://www.energy.gov/chp-contacts).