Thermal Energy Network Opportunities Chart

Jumpstart your thinking on where and when to build a Thermal Energy Network (TEN) by using this chart to consider which local conditions could be opportunities for a TEN.

Any one of these conditions can be a good reason to consider a TEN. The more you find, the more broadly you can think about implementing a larger network by creating TEN nodes and connecting new areas over time.

Local Conditions	YES	NO	Notes
Is your community updating or intending to update its energy plan, comprehensive plan, or zoning code?	☐	☐	
Does your community have a wastewater treatment plant?	☐	☐	
Will the wastewater treatment plant require repair or replacement over the next 5-10 years?	☐	☐	
Is the wastewater treatment plant within ¼ mile of other buildings?	☐	☐	
Are capital investments in the sanitary sewer system needed within the next 5-10 years?	☐	☐	
Does your community have a potable water system?	☐	☐	
Are capital investments for the water system needed in the next 5-10 years?	☐	☐	
If your community doesn't have a potable water system, are there plans to construct one within the next 5-10 years?	☐	☐	
Are street openings planned for other infrastructure work?	☐	☐	
Are new buildings, mixed-use, or housing developments in the early stages of planning?	☐	☐	
Does your community have access to open land that could contain a geothermal borefield? *(e.g. recreation fields, parking areas, or green space that could be drilled, then replanted or repaved)*	☐	☐	
Does your community include potential thermal energy resources?	☐	☐	
Buildings with large refrigeration or cooling systems? *(e.g. ice arena, grocery store, cold storage, office cooling, data center)*	☐	☐	
Food or beverage manufacturing? *(e.g. brewery/distillery, drying processes, canning, bakery)*	☐	☐	
Other industrial facilities that likely produce waste heat or significant volumes of wastewater?	☐	☐	
Bodies of water that could be thermal reservoirs, providing and/or accepting thermal heat? *(e.g. rivers, lakes, ponds, reservoirs, quarry/mine)*	☐	☐	
Local or regional electric distribution system interconnections or substations?	☐	☐	

For a more detailed chart and next steps, go to *How to Get a Head Start on a TEN*.