



### Natural Geothermal Systems

To generate power from natural geothermal systems you need:



Abundant heat  
found in rocks at  
depth

+



Fluid to carry heat  
from the rocks

+



Small pathways to  
conduct fluid through  
the hot rocks

### Problem

Despite the presence of heat, sometimes conditions are not ideal for power generation from natural geothermal systems.

In these cases you have:



Abundant heat found  
in rocks at depth

+



Insufficient fluid  
to carry the heat

+



Limited pathways  
to conduct fluid

# ENHANCED GEOHERMAL SYSTEMS

### Solution

A man-made enhanced geothermal system (EGS) can extract the abundant heat resource tens of thousands of feet below the surface and put it to good use. This would require:



*What  
makes EGS?*

=



An abundant,  
previously-stranded,  
heat source

+



Fluid injected from  
the surface

+



Permeable pathways  
enhanced by injected  
fluids

**With an enhanced geothermal reservoir, you can generate power  
anywhere with hot rocks at depth!**