The energy crisis is our kind of crisis.

It’s not simple – which is why the University of Houston is facing the challenge head on. UH Energy has formed public-private collaborations to create an economic triangle of research, workforce trainings and industrial partnerships at the Energy Research Park (ERP). The ERP, on 74 acres adjacent to I-45, hosts the University’s cutting edge energy research and academic programs.
ERP’s first corporate partner, SuperPower Inc., is working with world-renowned UH energy researcher Venkat “Selva” Selvamanickam and other UH scientists to commercialize super-efficient transformers, wind generators and fault current limiters. At the same time, UH and three other institutions are developing a superconducting magnet energy system device that could revolutionize the nation’s electrical power grid.

UH performs innovative research to address the emerging needs of the upstream and midstream petroleum sector, including work on intelligent oil fields, nano-scale devices, subsea engineering and interdisciplinary management programs. UH has the only sub-sea engineering master’s program in the country, a perfect example of how deep the University is willing to dive to set their sights towards the unknown. Since its creation a few years ago, enrollment in the program has increased by more than 1500 percent.

UH Energy is fueling the industry by producing a trained workforce, research and development, leadership and technology incubation. With our reputation as one of the finest energy think tanks, our location in the energy capital of the world and our impressive Energy Advisory Board, the University of Houston is in a prime position to generate a power surge of new leaders.