

H6 Energy – Capabilities Statement

[h6energy.com](http://www.h6energy.com)

H6 Energy, LLC is a veteran owned, Hubzone Certified, Small Disadvantaged engineering and integration company in Space and Aerospace and Defense Electronics. Wearable COVID-19 Diagnostic Detection Device

SERVICES: Systems Engineering, Project Management, System Safety Engineering, Predictive Analytics and Model-Based Mission Assurance. **PLATFORMS:** SLS Space Rocket – Avionics, Software, and Payloads; Aerospace – F-16, F-15, A-10, Eurofighter, C-130, C-5, ARL; Radar – Firefinder Radar.



NAICS

- 541330 – Engineering Services
- 541690 – Other Scientific and Technical Consulting Services
- 541715 – R & D in the Physical, Engineering, and Life Sciences
- 541512 – Computer Systems Design Services
- 541511 - Custom Computer Programming Services
- **PSC:** AC20, AC13, AC14, AC15, AC64, AD24, AC25, AC26, AC27, 5980, 7010, 7021, 7022, 7025, 7030, 7042, 1510, 1520, and 1540



Space Launch System (SLS) Integrated Complex Avionics

Software/Hardware Avionics Safety; Stages, MPCV, ICPS, and Payloads.

U. S. Air Force and Navy

A-10, C-5, AC-130 U/H; KF-16, PODs Airborne Instrumentation; Radar, Data Links, GPS/GNS, Electronic Flight Bag; VDHL, FPGA software safety.

Artificial Intelligence

- Predictive Analytics
- Business Intelligence
- Location & Geospatial Intelligence
- Mission Critical Analytics

COVID-19 MPS Sensor/Detector

- Wearable COVID-19 Magnetic Particle Spectroscopy (MPS) Sensor System / Diagnostic Detection Device. Prototypes units for military and commercial uses
- Contact Tracing
- Capable of detecting S and N protein antigens and RNA from nasopharyngeal and oropharyngeal swab samples
- Test results in 30 minutes
- IgG and IgM antibodies from blood samples
- IBM Blockchain technology and security
- Cellular phone size product with follow-on miniaturization

Differentiators

- **SBA Hubzone**
- **Veteran-Owned**
- **Artificial Intelligence**
- **COVID-19 Detector Sensor**
- **NASA System Safety Technical Excellence**

Cage Code: 468N1

DUNS: 133826821

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