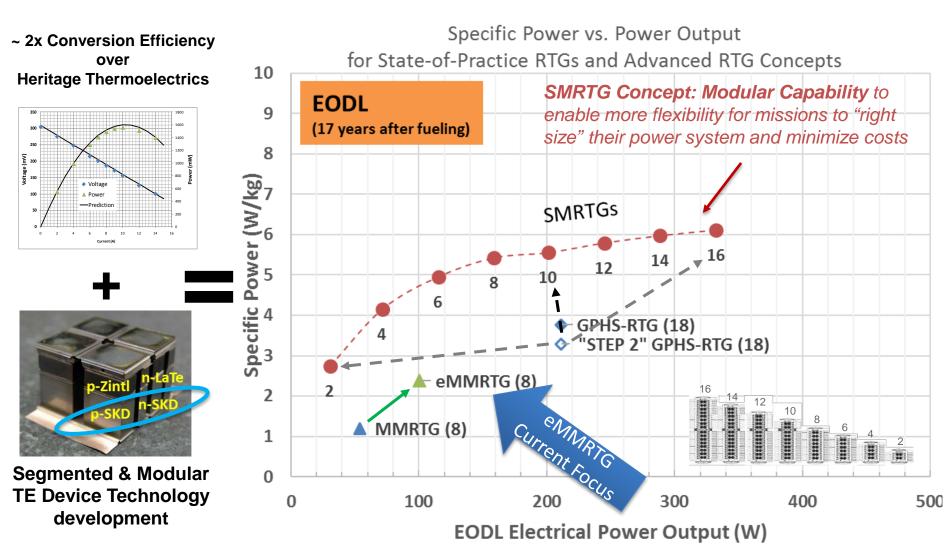
Roadmap for Infusion of New Thermoelectric Technology: More Capable RPS for Future Missions

Higher end of design life (EODL) power, higher specific power and modular system architecture



What is NASA RPS Program's Thermoelectric Technology Development Project?

- Sustains critical and unique capabilities in support of TE-based Radioisotope Power Systems (RTGs)
- Fosters opportunities for development of significantly more capable nuclear power systems
 - Leverage proven heritage technologies & system platforms
 - GPHS-RTG (discontinued)
 - MMRTG (in production)
 - Make use of thermoelectrics' inherent modularity and scalability
 - Apply results from latest industry-led RTG system engineering studies (NASA-funded, DOE support)
 - Advance & mature higher performance TE technologies to enable future flight system developments
- 2 RPS Program posters:
 - Enhanced MMRTG Dave Woerner, JPL
 - Segmented Modular RTG Jean-Pierre Fleurial, Fivos Drymiotis, Dave Woerner, JPL