

**DOCKETED**

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## **VEIR High Temperature Superconductor Transmission**

Our company, VEIR, is developing High Temperature Superconducting (HTS) transmissions solutions for overhead, buried, and subsea applications. Our novel cooling technology makes HTS cables cost competitive while delivering 5x more power at any given voltage (i.e. at any given size of right-of-way) via 5x more ampacity in AC or DC mode, with zero losses to resistance and minimal energy used for cooling the cables. We've recently raised Seed and Series A venture funding from the "A-list" of patient hard-tech investors – Breakthrough Energy Ventures, Congruent Ventures, and MIT's The Engine among others. That funding allows us to pursue overhead transmission solutions first. We are seeking additional funding for accelerating our efforts in areas such as High Voltage applications dielectric insulation for buried and subsea embodiments. We will also seek funding and utility partners for demonstrating and commercializing our solutions. We would be eager to discuss our efforts with the CEC EPIC team.