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Fountain Wind Project Support

Additional submitted attachment is included below.

February 14, 2024

Marc Martin
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Redding, CA 96003

California Energy Commission
Fountain Wind Project
Docket No. 23-OPT_01

Dear Commission Members,

My spouse Lindsey and I live in Shasta County and urge you to approve the Fountain Wind Project, which we support for its short and long-term economic benefits without costing the taxpayers of Shasta County to provide schools, library, road maintenance, law enforcement, and other County services that development projects normally cost us. There may be some minimal costs associated with fire protection, but everything I have researched shows that the project addresses the concerns about fire-related risks.

I found an interesting article on the web dated August 23, 2023, by *Energy5 your way*, which discusses *Innovations in Wind Turbine Fire Detection and Suppression*. The web link is https://energy5.com/innovations-in-wind-turbine-fire-detection-and-suppression. The following are cutting-edge fire suppression systems that manufacturers are incorporating into their turbines.

- **Advanced Detection Technology:** Fire suppression systems utilize state-of-the-art detection technology, including multisensor detectors capable of identifying potential fire hazards at an early stage. This allows for prompt action and reduces the risk of complete turbine destruction.
- **Quick Suppression Mechanisms:** These systems are equipped with high-pressure water mist, foam, or gas suppression mechanisms that are specifically designed for wind turbine environments. They quickly and

efficiently suppress fires, minimizing damage to vital components.

- **Remote Monitoring and Control:** Fire suppression systems for wind turbines can be remotely monitored and controlled through advanced software and communication systems. This allows for real-time response and enhanced situational awareness.
- **Adaptability:** The design of fire suppression systems takes into consideration the unique challenges posed by wind turbines. The systems are adaptable to the turbine's dynamic environment, ensuring optimal performance even in extreme weather conditions.
- **Environmental Considerations:** Fire suppression systems prioritize environmental sustainability by utilizing eco-friendly agents and minimizing water consumption. This enables the industry to maintain its commitment to green energy while ensuring the safety of wind turbine infrastructure.

I recommend you consider incorporating the above fire suppression systems into the project to address my fire concerns.

Thank you for accepting my comments. With the incorporation of a cutting-edge fire suppression system, you have my family's support for the project to approve Fountain Wind.

Marc Martin