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January 30, 2021

Dr. David E. Bakken  
Professor Emeritus of Computer Science  
Washington State University  
Pullman, WA 99164

Dear Dave,

**SUBJECT: THANK YOU FOR YOUR SEMINAL WORK ON THE POWER GRID**

Upon receiving news of your retirement, I wanted to take this opportunity to thank you for your impactful work on enhancing the communications and control infrastructure that will enable enhancements in power grid reliability.

I recall when we first met in 1999, I was delighted to meet someone with your caliber of knowledge and experience from the computer science domain working toward the betterment of the Nation's electricity delivery infrastructure. I noted that you brought to the community expertise as an applied researcher with germane experience in the communication arena. As the collaboration blossomed over the following decades, you contributed a great deal toward resilient communications that underpin an effective and reliable electricity grid.

In particular, your contributions to the North American SynchroPhasor Initiative (NASPI), and its predecessor the Eastern Interconnection Phasor Demonstration Program, were deeply appreciated by me and many colleagues in this community. In the formative stages of NASPI, it was very helpful to have the benefit of your contributions based on your well-grounded computer science background helping to navigate the practical aspects of deploying wide area measurement systems. The GridStat data delivery system that you pioneered was exactly what was needed then, and continues to serve as an excellent example now, for a well thought-out and complete communications architecture for these types of systems.

It is my sincere hope that you will be able to continue to contribute to the power grid domain post-retirement as your schedule permits. I am eager to explore collaboration opportunities associated with consulting arrangements that enable us to leverage your experience and expertise. You are certainly a highly regarded researcher in this important area.



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Extending my best wishes to you in your retirement, and any future consulting endeavors.

Sincerely,

A handwritten signature in dark ink that reads "Jeffery E. Dagle".

Mr. Jeffery E. Dagle, PE  
Chief Electrical Engineer  
Electricity Infrastructure Resilience  
Co-Director for the PNNL/WSU Advanced Grid Institute

JED