

IEEE-Central North Carolina Meeting:

Date: February 11, 2026; 5-7 PM.



Binesh Asok Kumar is a Chief Technology Officer, pioneering engineer and technical leader at Atom Power, Inc., where he has played a central role in developing the world's first UL-certified solid-state circuit breaker.

*Binesh earned his **master's degree in electrical engineering (Embedded Systems)** from the University of North Carolina at Charlotte in 2015, following a **bachelor's degree in Mechatronics Engineering** from Sri Krishna College of Engineering and Technology. He joined Atom Power as one of its earliest employees and has since held multiple key roles, including **Firmware Developer, Embedded Systems Lead Engineer, Engineering Manager – Electrical**, and, currently, **Technical Project Lead**.*

*His work has been instrumental in the **commercialization of solid-state power distribution technologies**, which have attracted over \$150 million in funding from major global companies such as SK, Siemens, and ABB. Binesh holds several patents and has published research in areas including **power electronics, energy management systems, and electric vehicle infrastructure**.*

*In addition to his technical achievements, Binesh is known for his leadership in **electrification, AI integration, and critical infrastructure development**, helping shape the future of smart energy systems.*

Topic: Data Center Power Innovations Technical

The following is the agenda for the event:

- Networking (Optional): 5 pm - 5:30 pm
- 1st presentation: 5:30 pm - 5:50 pm
- Break for Food: 5:50 pm - 6:10 pm
- 2nd presentation: 6:10 pm - 6:30 pm
- Discussion: 6:30 pm - 6:50 pm
- Food & Networking: 6:50 pm - 7 pm
- End of Event: 7 pm



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Parking Instructions and Meeting Location will be emailed after registration.