



Harish Sharma, PE

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Harish Sharma is a Principal Engineer in the Transmission Planning – Stability and Special Studies group within the Southern Company Services Transmission organization. In his role, he is responsible for providing technical leadership, training and conducting technical studies and research in the areas of power quality, transients, and post-event analysis.

Harish joined Southern Company in November 2014. Prior to that, he has had extensive experience within the T&D system studies group of the Electric Power Research Institute (EPRI). At EPRI, he was responsible for managing/performing research, developing power system analysis software tools and delivering consultancy projects for utilities. His work encompassed a diverse set of fields in both transmission and distribution systems with special emphasis on transients, power quality, system integration of modern loads and devices including fault current limiters, distributed PV and electric vehicles. In addition to his time with EPRI, Harish began his career with ABB where he spent four years as a Substation Protection and Automation Engineer.

Harish received the B.S. degree in Electrical Engineering from Panjab University, India in 1996, and the Master of Electrical Engineering degree from Auburn University (Auburn, AL) in 2003. In addition, he has completed 2 year of graduate coursework in Computer Science from Mississippi State University and is a registered Professional Engineer in Alabama.

Through his varied work experiences, Harish has published several technical papers and research reports and has served in numerous industry working groups and task forces. Currently, he is a Senior Member of IEEE, Chair of the IEEE Task Force on Voltage Flicker and Technical Co-lead for PQ subgroup of IEEE P2800. In recent years, he has been actively involved in developing other standards including IEEE 519 (Harmonics), IEEE 1547 (Distributed Energy Resources) and IEEE TRV (Transient Recovery Voltage).