

Lorenzo Kristov is an independent energy policy expert working to transition the electric power system to incorporate an open-access distribution network that features high volumes of distributed energy resources (DERs) and microgrids, owned and operated by communities, local governments and tribes to advance resilience, decarbonization and energy justice. Urgent environmental and social equity challenges are solvable with the rapid advances in clean, scalable DER technologies but are hampered by legacy monopoly utility business models and regulatory structures. Lorenzo applies whole-system grid architecture principles to develop policy approaches that consider the interplay of regulation, markets, technology trends, grid operations and energy planning at both system and local levels. After 18 years as a Principal in market design and infrastructure policy at the California Independent System Operator (CAISO), Lorenzo's expertise includes: wholesale power market design; DER participation in wholesale markets; coordination of transmission and distribution operations, markets and planning; distribution system operator (DSO) models; distribution-level transactional markets; energy resilience and microgrids; and grid architecture.

Lorenzo currently serves on the Department of Energy's Gridwise Architecture Council. Prior to joining the CAISO he was Energy Economist at the California Energy Commission (1995-9) and Fulbright Scholar in Indonesia (1993-4). He has a BS in Mathematics, MS in Statistics, and PhD in Economics.