

Technology Innovation

Growing Competitiveness: Distributed Gas Technologies

The transformative effects of the shale gas boom could soon accelerate deployment of gas-fired technologies for delivery of on-site power and heat in industrial, commercial, and residential settings. During 2014, EPRI is creating a web-based tool allowing users to assess the competitiveness of reciprocating engine, microturbine, fuel cell, and other distributed energy resource (DER) technologies under varying assumptions for key parameters such as fuel cost and electricity price. In addition to providing data on cost, performance, and emissions, planned field demonstrations will test ancillary service capabilities to help maximize the grid support value of distributed gas.

