

1106-00-760

Rafael Mendoza-Arriaga* (rafael.mendoza-arriaga@mcombs.utexas.edu), **Lingfei Li**,
Daniel Mitchell and **Zhiyu Mo**. *Modeling electricity prices: a time change approach*.

We develop a new framework for modeling electricity spot prices by time changing the basic affine jump diffusion, which successfully captures seasonal spikes. Our model is easy to estimate from data and it is tractable for pricing electricity derivatives (Received September 05, 2014)