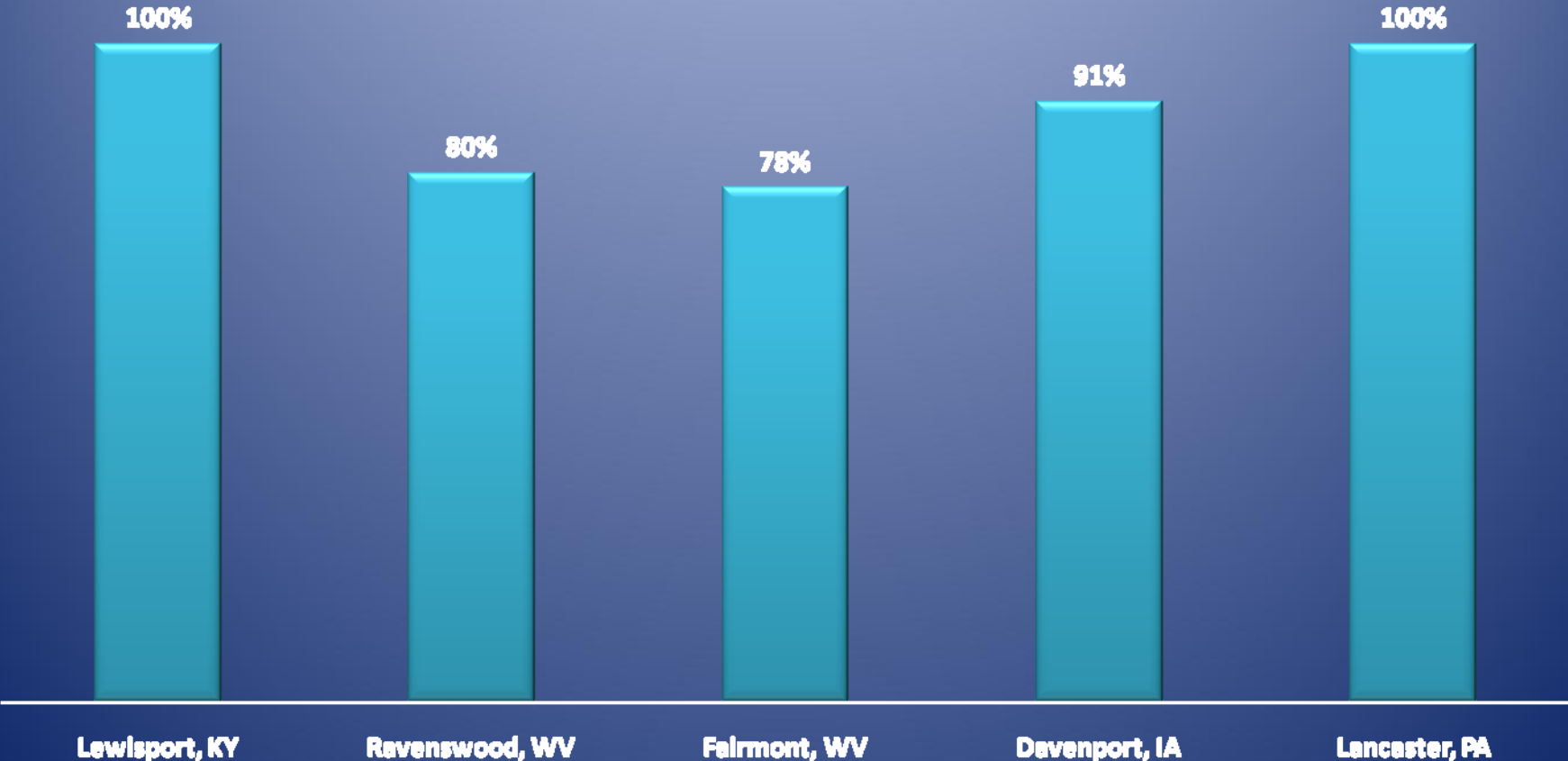


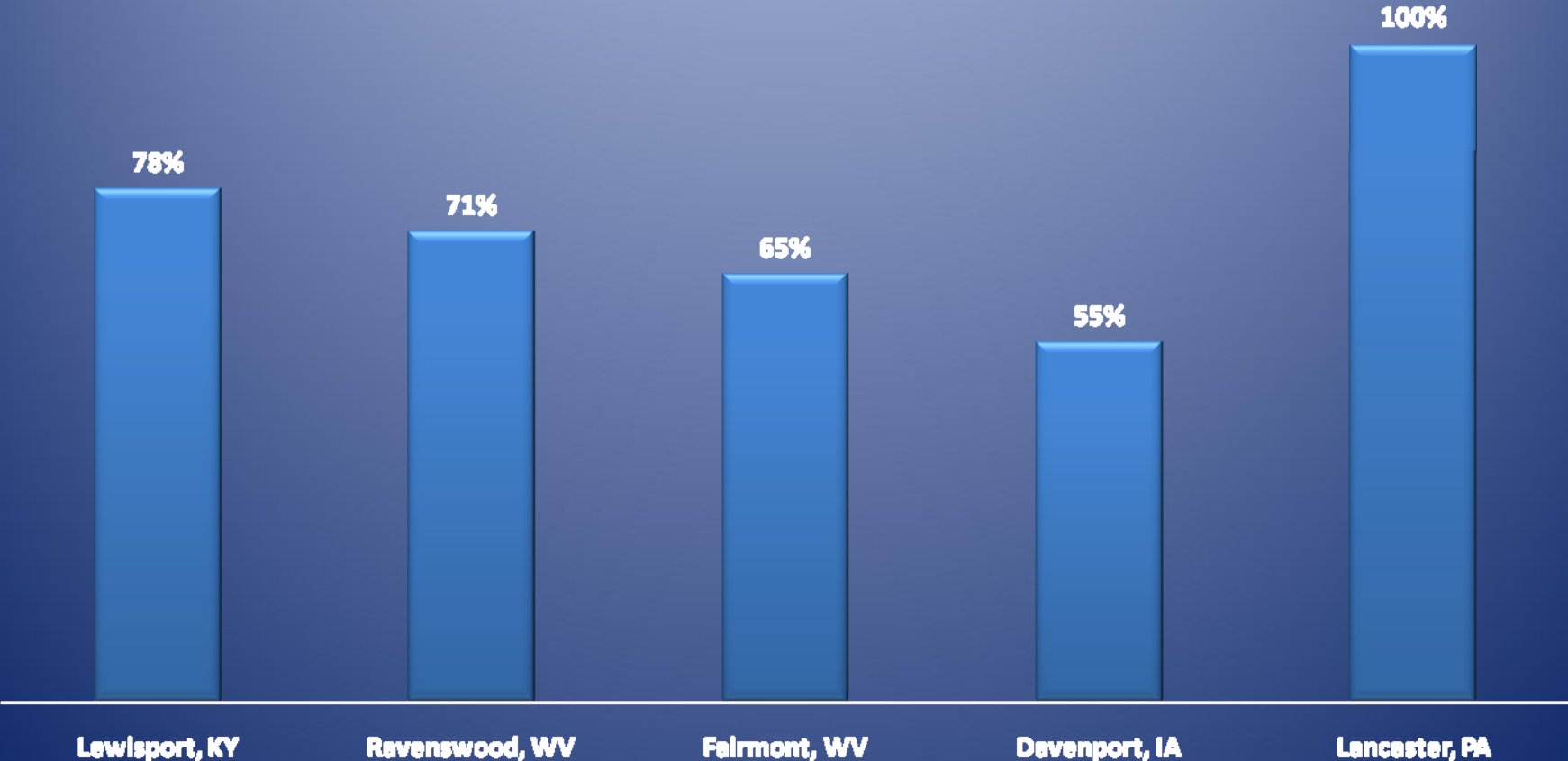
**PA Public Utility Commission**  
*En Banc* Hearing on  
**Trends in the Wholesale Electricity Markets**  
**November 6, 2008**

**Testimony of David F. Ciarlone**  
**Manager, Global Energy Services Alcoa Inc.**

**Competitors' Electricity Rates in 2008  
Expressed as Percentage of Lancaster Rates  
(Chart 1)**



**Competitors' Electricity Rates in 2010  
Expressed as Percentage of Lancaster Rates  
(Chart 2)**



**Competitors' Electricity Rates in 2010  
Expressed as Percentage of Lancaster Rates  
Isolating the Impact of Market Design  
(Chart 3)**

