



Fuel Cells & Renewable Portfolio Standards



Webinar - Jun 9th, 2011



Ohio Fuel Cell Coalition

Ohio Fuel Cell Coalition

- **Mission**

- The Ohio Fuel Cell Coalition is a united group of industry, academic, and government leaders working collectively to strengthen Ohio's fuel cell industry and to accelerate the transformation of industry to **global leadership in fuel cell technology and applications**

- **Activities**

- Networking and Collaboration
- Education
- Marketing and Communications
- Advocacy

Ohio Fuel Cell Coalition

- More than 80 members consisting of companies, universities, government entities, and non-profits/other
 - 21 member board representing all stakeholders
- Annual Ohio Fuel Cell Symposium
 - Networking, exhibitors, technical posters
 - Over 200 attendees each year
- www.fuelcellcorridor.com
 - Member and industry news
 - Advocacy, information sources

Ohio Named One of the Top Five Fuel Cell States in the Country

- COLUMBUS, Ohio, April 30 /PRNewswire/ -- **Ohio is one of the top five fuel cell states in 2009**, according to a new report published by Fuel Cells 2000, a nonprofit outreach organization. The report, titled "State of the States: Fuel Cells in America" outlines Ohio's aggressive and innovative focus on business attraction and business development as well as the state's strategies for building its fuel cell supply chain and world-class manufacturing base as reasons for the top ranking.

History of Ohio RPS

- **Senate Bill 221 passed in May 2008**
- **Requires 25% of electricity sales to be produced from alternative energy sources by 2025.**
 - **Non solar renewable energy - 12%**
 - **Solar energy – 0.5%**
 - **Advanced energy - 12.5%**

Why fuel cells and RPS

- **Ohio's robust fuel cell industry in 2008 was showing a positive trajectory.**
- **Strength in Solid Oxide FC integrators.**
- **OFCC was key in including fuel cells in the Renewable Electricity Standard including PEM, PAFC, SOFC, MCFC**
- **President of Ohio Senate was strong advocate for fuel cells**

Addressing the challenges of RPS to date...

- **New Governor's staff at that time was not convinced that fuel cells should be included in the Renewable Electricity Standard.**
- **In spite of that Senate Bill 221 was passed on May 1st 2008.**
- **2008 – 09 market downturn affected fuel cell involvement in RPS**
- **Spark spread hinders growth**
- **As of May 31st, 2011 total RPS is only at 1% of target**
- **New Governor, new PUCO Director could be challenging RPS in 2011**

Ohio's Fuel Cell Industry



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