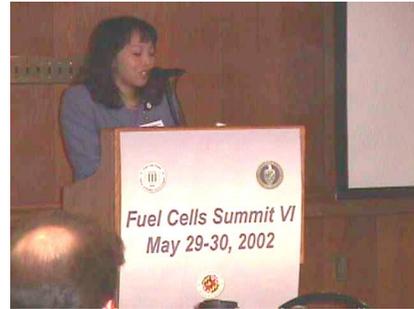


## Related Efforts (DER, Buildings, Automotive)

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### Brief Synopsis of Presentation:

#### **Donna Lee Ho (DOE): Related Efforts (DER, Buildings, and Automotive)**

Our program will focus on PEM fuel cells as these appear to have the characteristics most closely aligned with our application needs. Because platinum is a significant contributor to PEM cost, alternatives to platinum and minimization of platinum loading are being pursued. For our purposes, hydrogen may be either stored on the vehicle or reformed as needed—the program supports both avenues of research.

Our new program structure supports the Administration's FreedomCar (Freedom Cooperative Automotive Research) initiative. There is a Fuel Cell Report to Congress due 12 months from the date of enactment of the FY02 budget (due November 5, 2002) and an interim report due within 6 months (due May 5, 2002), which must include an assessment of the need for public and private cooperative programs to demonstrate fuel cells for stationary, distributed generation, portable, and transportation applications. The report must also include recommendations on program adjustments based on an assessment of the technical, economic, and infrastructure requirements needed for the commercial use of fuel cells by the year 2012. The latest draft interim report can be found at [www.sentech.org](http://www.sentech.org).