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THE GENERAL ASSEMBLY OF PENNSYLVANIA

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# HOUSE RESOLUTION

No. 445 Session of  
2005

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INTRODUCED BY COHEN, LEACH, E. Z. TAYLOR, DeWEESE, GEORGE,  
BEBKO-JONES, BLACKWELL, CALTAGIRONE, CAWLEY, CORRIGAN, COSTA,  
CURRY, DALEY, FABRIZIO, FAIRCHILD, FREEMAN, GERBER, GRUCELA,  
HARHAI, HARRIS, HENNESSEY, JAMES, JOSEPHS, LaGROTTA, LEDERER,  
MANDERINO, MANN, MARKOSEK, MUNDY, PALLONE, PETRARCA, PETRONE,  
PYLE, READSHAW, REICHLEY, SAINATO, SANTONI, SCHRODER, SHANER,  
SHAPIRO, STABACK, STURLA, SURRA, TANGRETTI, WALKO, WANSACZ,  
WRIGHT AND YUDICHAK, SEPTEMBER 27, 2005

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REFERRED TO COMMITTEE ON ENVIRONMENTAL RESOURCES AND ENERGY,  
SEPTEMBER 27, 2005

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## A RESOLUTION

1 Urging auto manufacturers to develop and produce plug-in hybrid  
2 vehicles for consumer use within this Commonwealth.

3 WHEREAS, The price of gasoline in the United States surged to  
4 an all-time high both on a nominal and an inflation-adjusted  
5 basis in September 2005; and

6 WHEREAS, According to the United States Department of Energy,  
7 the United States is approximately 58% dependent on petroleum  
8 imports; and

9 WHEREAS, Today's hybrid vehicles are more efficient than  
10 nonhybrid vehicles: they do not idle, use smaller engines and  
11 recapture braking energy into a battery for use later; and

12 WHEREAS, Most hybrid vehicles presently available are 100%  
13 gasoline-fueled; and

14 WHEREAS, Additional technological steps could be taken to tap

1 the full potential of hybrid vehicles, saving much more gasoline  
2 and providing many other benefits; and

3 WHEREAS, PHEVs simply add electricity, a second cleaner,  
4 cheaper and domestic energy source for passenger vehicles; and

5 WHEREAS, PHEVs allow an owner to have the equivalent of a  
6 second small fuel tank that is always used first and can be  
7 filled at home with electricity from an ordinary 120 volt  
8 socket, at a cost equivalent to less than \$1 per gallon; and

9 WHEREAS, PHEVs have demonstrated that electricity can be  
10 successfully substituted for gasoline for the first 10 to 30  
11 miles each day that a commuter may drive; and

12 WHEREAS, Although PHEVs usually charge at night, the  
13 Commonwealth of Pennsylvania currently has an ample surplus of  
14 electric generation capacity during daylight hours as well and  
15 exports electricity to neighboring states; and

16 WHEREAS, When a PHEV's battery has been discharged, it still  
17 has the same extended range available from a gasoline engine  
18 while remaining a relatively clean and efficient hybrid vehicle;  
19 and

20 WHEREAS, As of September 12, 2005, no automaker has announced  
21 its intention to mass-produce PHEVs for consumer use within the  
22 United States; and

23 WHEREAS, Research by energy experts concludes that widespread  
24 adoption of PHEVs could result in a significant reduction in our  
25 dependence on foreign petroleum supplies; therefore be it

26 RESOLVED, That the House of Representatives of the  
27 Commonwealth of Pennsylvania urge auto manufacturers to develop  
28 and produce PHEVs for consumer use within this Commonwealth; and  
29 be it further

30 RESOLVED, That auto manufacturers consider manufacturing

1 PHEVs or their components within this Commonwealth; and be it  
2 further

3       RESOLVED, That a copy of this resolution be transmitted to  
4 each passenger automaker registered with the National Highway  
5 Traffic Safety Administration that builds more than 1,000  
6 vehicles a year.