



**King County**

**KING COUNTY**

1200 King County Courthouse  
516 Third Avenue  
Seattle, WA 98104

**Signature Report**

**May 6, 2008**

**Motion 12744**

**Proposed No.** 2008-0222.3

**Sponsors** Hague, Phillips, Patterson and  
Constantine

1                   A MOTION concerning the county's efforts to combat  
2                   global warming and seeking ways for King County to  
3                   accommodate the use of plug-in hybrid electric vehicles  
4                   and battery electric vehicles.

5  
6                   WHEREAS, the council in Motion 12362 acknowledged that global warming  
7                   pollution by humans is one of the world's most serious problems, with potentially grave  
8                   risk to the Pacific Northwest's drinking water, fish and wildlife habitat and quality of life,  
9                   and

10                  WHEREAS, in adopting Motion 12362, the council demonstrated its commitment  
11                  to reduce greenhouse gas emissions, mitigate their impacts and prepare for climate  
12                  change, and

13                  WHEREAS, transportation-related pollution is a primary source of greenhouse  
14                  gas emissions, and

15                  WHEREAS, the county has acted to reduce vehicle emissions, including the use  
16                  of biodiesel fuel in metro transit buses and other county-owned vehicles, purchase of

17 hybrid and other alternative fuel vehicles for county fleets and support for public  
18 transportation and non-motorized transportation options, and

19 WHEREAS, King County and many of its cities are participating in the Puget  
20 Sound Regional Green Fleet Initiative to develop a uniform green fleet standard for clean  
21 vehicles and promoting best practices in fleet design and operation, and King County  
22 cosponsored a national Clean Vehicles Now conference in September 2007; and

23 WHEREAS, hybrid technology offers significant promise as a means of reducing  
24 vehicle emissions, including carbon dioxide, plug-in hybrid electric vehicle ("PHEV")  
25 technology makes further reductions possible especially when these batteries are  
26 combined with carbon free and renewable energy sources such as wind or solar energy  
27 and PHEVs are supplemented by alternative fuels, and

28 WHEREAS, when enough PHEVs are in use and combined with technology to  
29 control access to the grid, PHEV batteries could help the grid store idle power and return  
30 when high use occurs, and

31 WHEREAS, battery electric vehicle ("BEV") technology may have the potential  
32 to provide even greater emission reductions than PHEVs;

33 WHEREAS, regional demonstration projects have been identified as an important  
34 step in advancing the use of PHEV and BEV technology, and

35 WHEREAS, the Pacific Northwest has been identified as an appropriate place for  
36 a PHEV and BEV demonstration program that involves local government fleet purchases  
37 or conversions to PHEVs and BEVs and integrates them with the power grid using  
38 vehicle-side solutions or smart grid communications technology to control when charging  
39 takes place, such as the off peak power periods;

40 NOW, THEREFORE, BE IT MOVED by the Council of King County:

41 The executive is directed to transmit to the council, no later than September 15,  
42 2008, a plan to encourage PHEV and BEV use for approval by motion. The plan and  
43 proposed motion should be filed in the form of 11 copies with the clerk of the council,  
44 who will retain the original and forward copies to each councilmember and to the lead  
45 staff of the transportation committee. This plan should address the following issues:

46 A. King County should encourage members of the public to use PHEVs and  
47 BEVs. In particular, for commuters who drive personal vehicles to metro transit owned  
48 or operated park and ride facilities, the county should identify a plan to create incentives  
49 for these commuters to use PHEVs and BEVs. The plan should specifically address ways  
50 for PHEVs and BEVs to recharge their batteries when parked at transit facilities;

51 B. King County should work with the state and local governments to incorporate  
52 PHEV and BEV incentives into the commute trip reduction and transportation demand  
53 management programs;

54 C. King County should take a leadership role in promoting a regional  
55 demonstration project to encourage PHEV and BEV use and work with utility providers  
56 to determine measures for achieving the optimal and most efficient use of the power  
57 system and to help assure and accelerate the optimal integration and acceptance of these  
58 new technologies; and

59 D. King County should create a stakeholder advisory group to:

60 1. Study the impacts of PHEVs and BEVs on the energy grid and look for ways  
61 to partner with energy suppliers to perform these studies;

62 2. Advise King County on its participation in the regional demonstration

63 project; and

64 3. Recommend incentives to encourage commuter use of PHEVs and BEVs.

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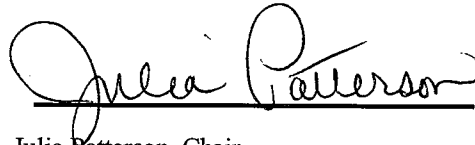
Motion 12744 was introduced on 4/14/2008 and passed as amended by the Metropolitan King County Council on 5/5/2008, by the following vote:

Yes: 9 - Ms. Patterson, Mr. Dunn, Mr. Constantine, Ms. Lambert, Mr. von Reichbauer, Mr. Ferguson, Mr. Gossett, Mr. Phillips and Ms. Hague

No: 0

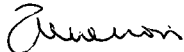
Excused: 0

KING COUNTY COUNCIL  
KING COUNTY, WASHINGTON



Julia Patterson, Chair

ATTEST:



Anne Noris, Clerk of the Council

Attachments      None