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Electronic Effects on the Surface Potential at the Vapor-Liquid Interface of Water [*J. Am. Chem. Soc.* 2008, *130*, 16556–16561]. Shawn M. Kathmann,\* I-Feng William Kuo, and Christopher J. Mundy

Page 16560. In Figures 4 and 5 we presented results for the electrostatic potential at the vapor-liquid interface of water computed using the Hartree potential output from CP2K. We would like to thank Ming-Hsun Ho (Chemistry Department, University of Pennsylvania) for pointing out that the release of the code that we used for the Hartree potential had been corrected in a more recent version of the code. As a consequence, the error resulted in a Hartree potential that was -169.9235344 bohr<sup>-3</sup> too small when compared to that determined using the newer, corrected release. This large correction changes the surface potential  $\chi$  from -18 meV to +3.1 eV, and the maximum interfacial electric field from the tanh fit changes from  $+8.9 \times 10^7$  to  $-1.5 \times 10^{10}$  V/m. The tanh fit parameters are  $c_1 = 1.52434$ ,  $c_2 = -8.31828$ , and  $c_3 = 1.56409$ . The new Figure 5 is presented below. Future work will focus on understanding the implications of this on the electrical properties of interfacial water.



**Figure 5.** TZV2P data for the electrostatic potential  $\varphi(z)$  (black circles) along with a tanh fit to the  $\varphi(z)$  data (smooth solid blue curve) and the corresponding interfacial electric field  $E_z(z)$  (dashed green curve). The Gibbs dividing surface (GDS) is located at z = 9 Å (vertical dotted line).

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