

SUPPORTING INFORMATION AVAILABLE

Supporting information to the results is included in this section.

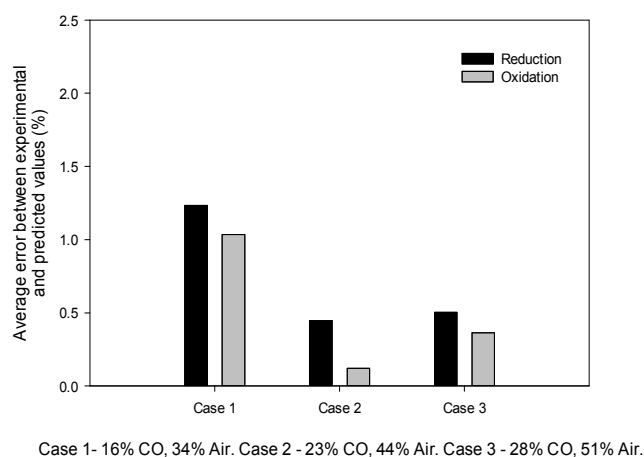


Figure 1. Average error between experimental and predicted values at each condition

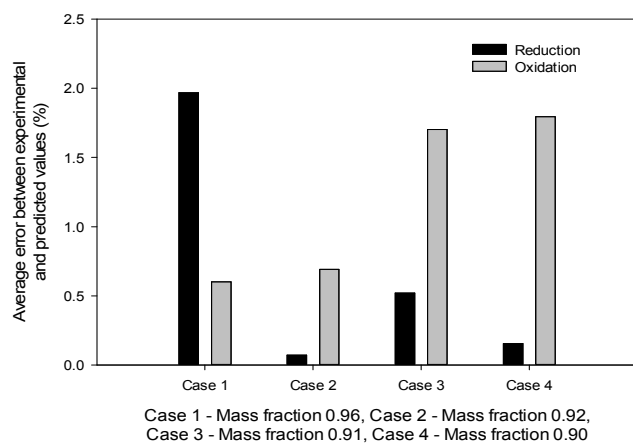


Figure 2. Average error between experimental and predicted values at each condition

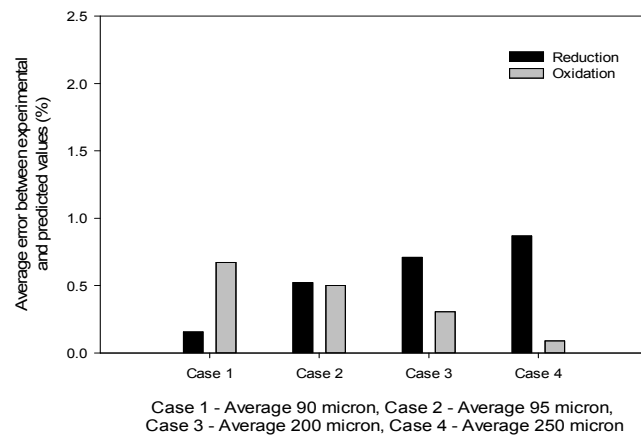
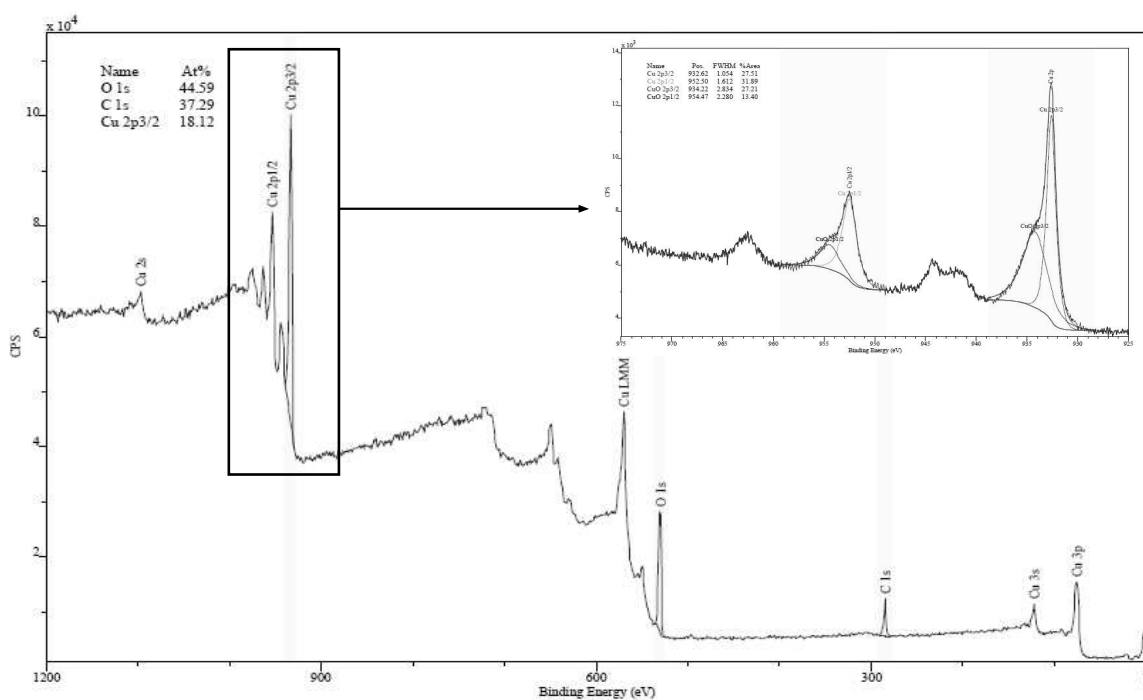
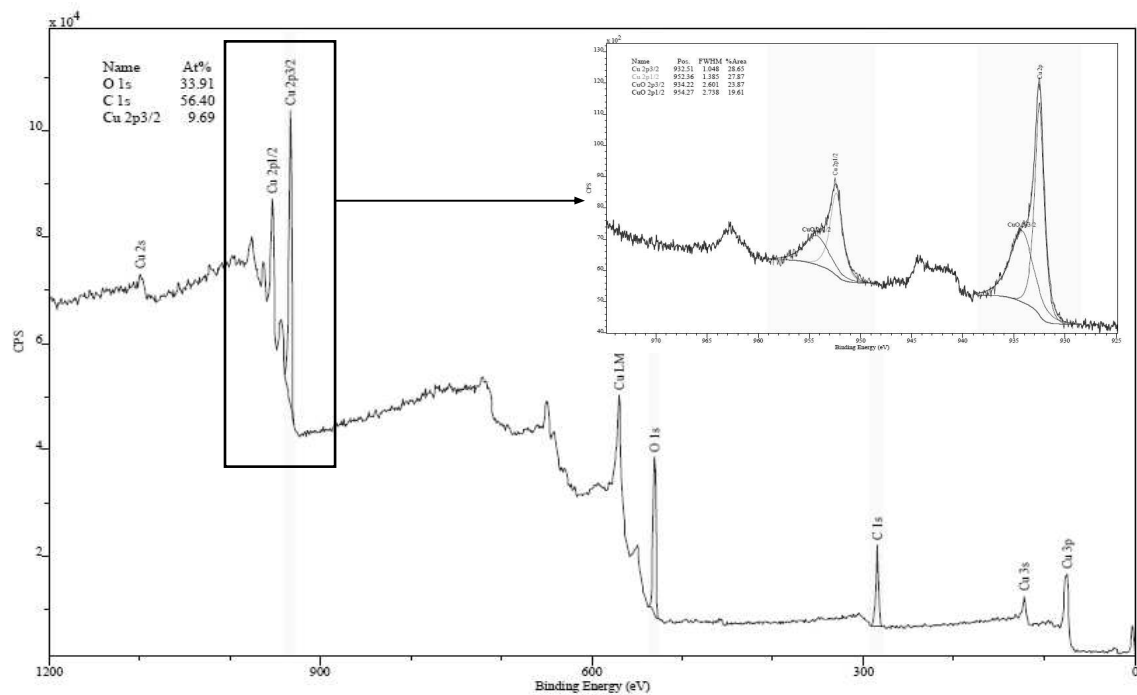


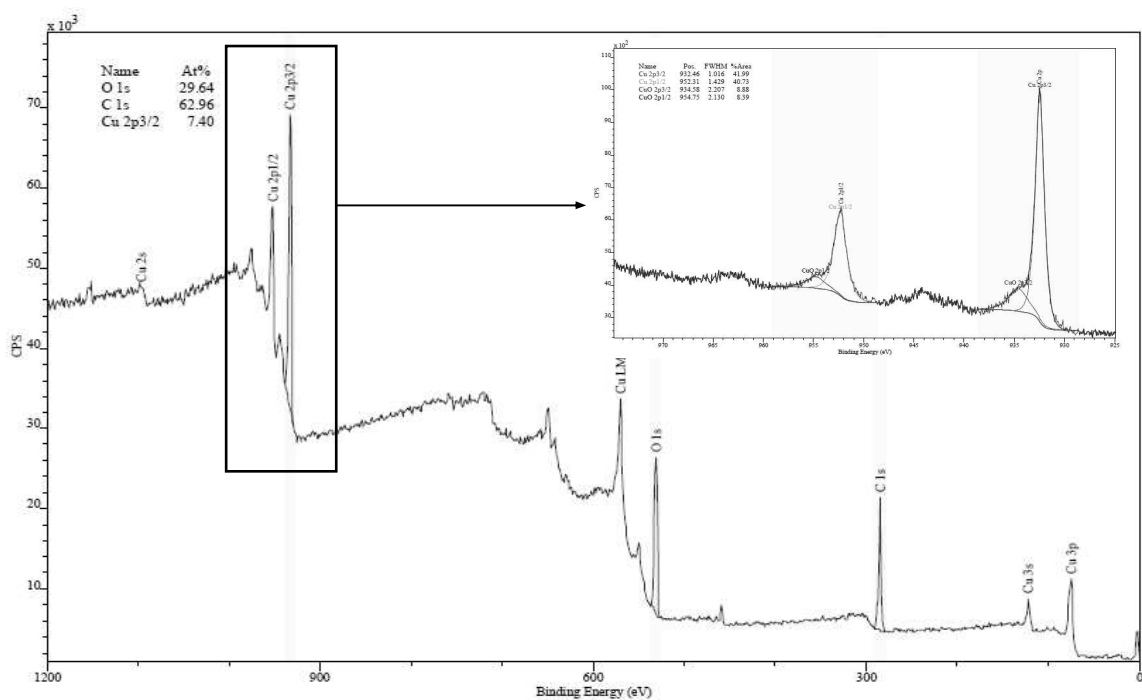
Figure 3. Average error between experimental and predicted values at each condition



(A)



(B)



(C)

Figure 4. XPS of CuO particles (A) fresh (B) used at 800°C five re-dox cycles (C) 800°C reduced particles in CO

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