```
ADAPT/VQE Benchmark Summary
Generated (UTC): 2026-02-21T19:45:42.907174+00:00

Settings:
  sites=[2, 3] t=1.0 u=4.0 dv=0.5 boundary=open ordering=blocked odd_policy=min_sz
  ADAPT(inner_optimizer=lbfgs, inner_steps=600, max_depth=20, max_time_s=600.0, allow_repeats=True)
  VQE(reps=2, restarts=3, maxiter=600, seed=7)

L=2  (n_up=1, n_down=1)
  Exact (Sector)           E=-0.836057118155 |dE|=0.000e+00 t=0.00s
  ADAPT-CSE                 E=-0.506312970693 |dE|=3.297e-01 t=7.90s
  ADAPT-UCCSD               E=-0.836057118155 |dE|=1.465e-14 t=55.47s
  Hardcoded VQE (UCCSD)     E=-0.836057108255 |dE|=9.900e-09 t=0.20s
  Qiskit VQE (UCCSD)        E=-0.836057117595 |dE|=5.600e-10 t=9.53s

L=3  (n_up=2, n_down=1)
  Exact (Sector)           E=-1.236067977500 |dE|=0.000e+00 t=0.00s
  ADAPT-CSE                 E=-0.964712231466 |dE|=2.714e-01 t=113.55s
  ADAPT-UCCSD               E=-1.073284225087 |dE|=1.628e-01 t=881.55s
  Hardcoded VQE (UCCSD)     E=-1.236067844029 |dE|=1.335e-07 t=8.56s
  Qiskit VQE (UCCSD)        E=-1.236067939546 |dE|=3.795e-08 t=136.60s
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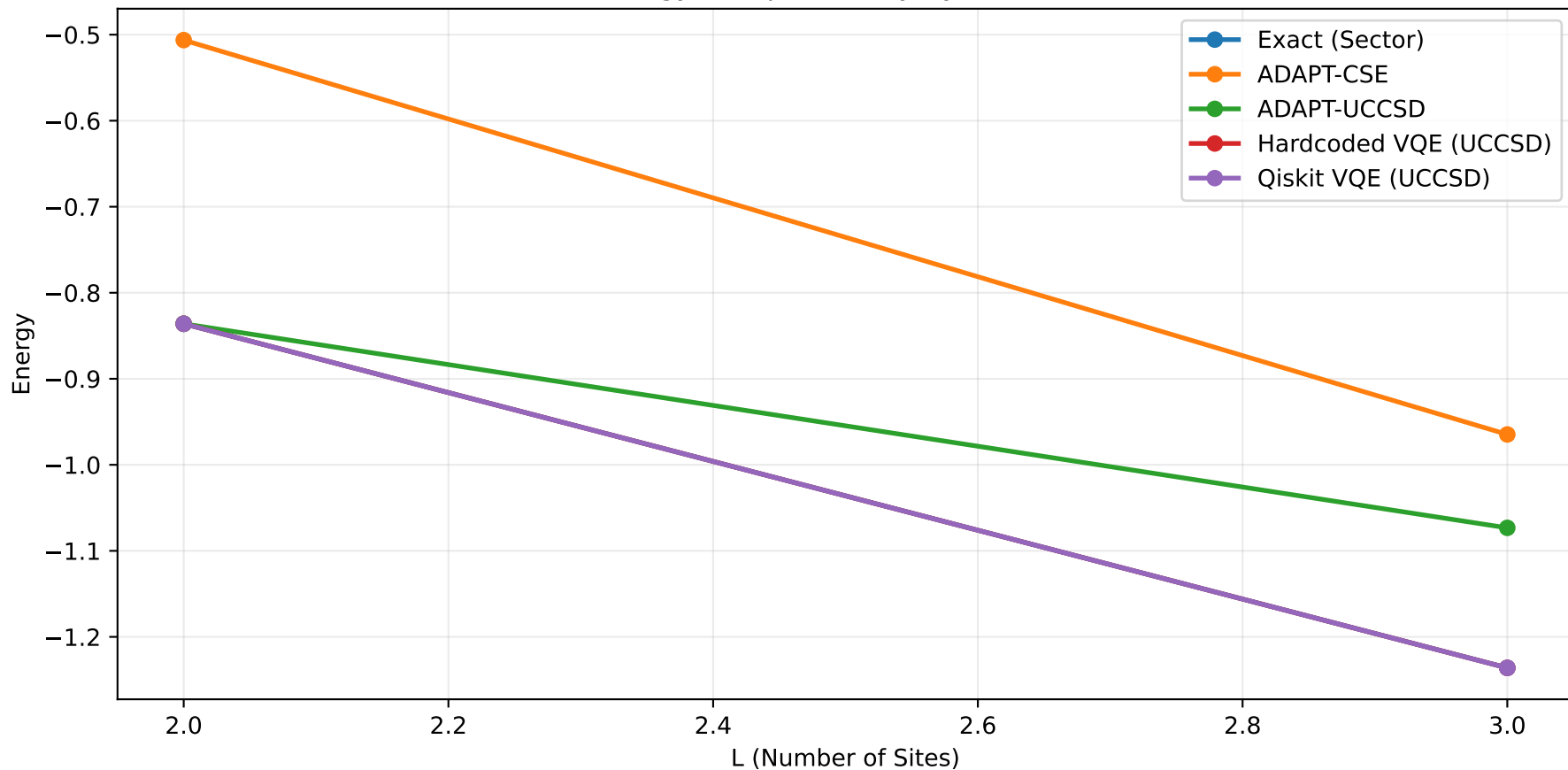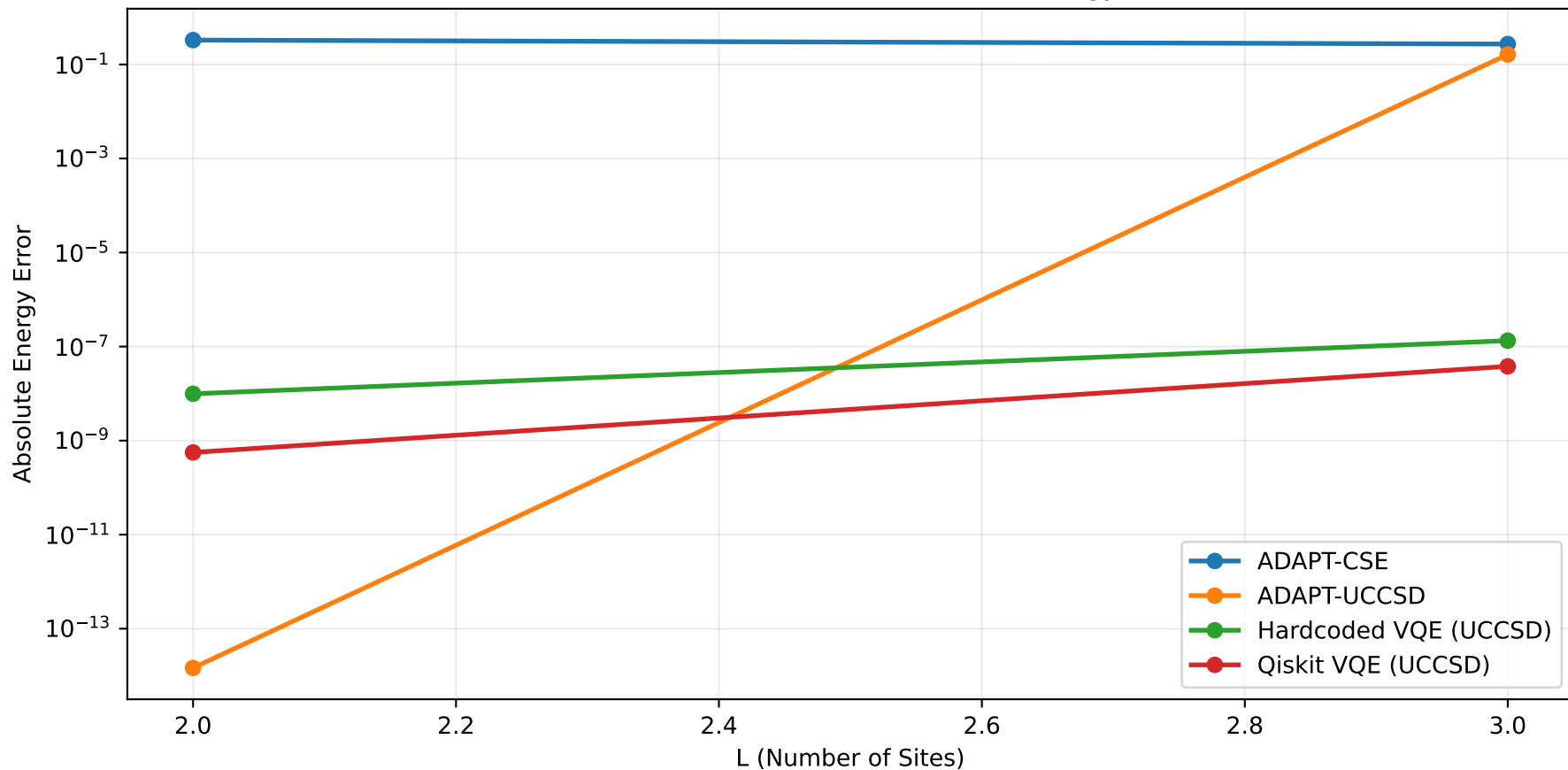
Energy Comparison by System Size

Absolute Error vs Exact Sector Energy

Runtime by Method