Energies QAOA ADAPT QAOA 2L ADAPT VQE 2L -11.5-11.5-11.5-10 -10 -10 -12.0-12.0-12.0-12.5-12.5-12.5-13.0-13.0-13.0-13.5-13.5-13.5-14.0-14.0-14.0-14.5-14.5-14.55 10 15 20 25 1 2 3 4 5 6 7 10 20 30 40 50 Layers Layers Layers