ADAPT QAOA 2L **QAOA** -3.6-2.56 6 Mean(En) Mean(En) -3.9-3.0-4.2-3.5-4.5-4.0-4.8-4.52 8 2.5 5.0 7.5 10.0 12.5 6 10 4 Layers Layers **ADAPT VQE 2L** VQE -4.36 -4.46 Mean(En) -4.4Mean(En) -4.5-4.5-4.6-4.6-4.7-4.7-4.8-4.81.5 2.0 2.5 3.0 300 1.0 0 100 200 400 Layers Layers