ADAPT QAOA 2L **QAOA -27** -28.816 16 Mean(En) Mean(En) -29.0-28 -29.2-29 -29.4-30-29.6-29.8-31-30.05 2 6 8 10 15 20 25 30 10 4 Layers Layers **ADAPT VQE 2L** VQE -29.0-29.2 -2816 16 Mean(En) Mean(En) -29.4 -29 -29.6 -29.8-30 -30.0-30.2-312 8 4 6 10 0 100 200 300 400 Layers Layers