An Optimal Solution?

- **Description**. In the **QAOA Algorithm** activity, you learned how to create a QAOA circuit. Now we will use the circuit to find a solution to the optimization problem! Since we are using a simulator, we can inspect the amplitude of each possible solution. When we measure all of the qubits, the solution with the highest amplitude is the solution we will see most often. We can think of this as the candidate solution found by running the QAOA circuit. Of course, whether this solution is correct depends on whether or not we picked good angles. Check if this candidate solution actually solves your EV placement problem.

- **Submission**. A screenshot of the circuit simulator and a few sentences explaining how you found the optimal solution.