D

我们利用B中Table 3.1.2 - Table 3.1.5 的模型，预测出在2025和2050年各州对应的X、Y1、Y2、Population、P和Q。（Table 3.1.12 - 3.1.15)

其中Arizona的预测结果与Part1C 中的结果相符合，Arizona的能源结构优良保证了在接下来的几年中清洁能源的使用保持稳步上升，仍然保持着四洲中第一的位置。

We utilize the model in Part 1B to predict the responding X, Y1, Y2, Population, P and Q as Table 3.1.12 - 3.1.15 shown.

We notice that the prediction of Arizona is accord with the energy profile mentioned in Part1C. The superiority of the energy structure allows the usage of cleaner, renewable energy to develop quickly and steadily in Arizona. In our prediction, Arizona still rank first.

Part 2 B

In order to provide several solid actions, we analyze the variables mentioned above, which will significantly influence the usage of cleaner and renewable energy source. Here are several actions we propose for the four states.

1. Reduce the use of LPG and gas as the fuel for gas burner.

Because Natural Gas is environment-friendly and cleaner than petroleum products and coal. Meanwhile, Natural Gas is far cheaper than petroleum products or coal. So, increase the proportion of Natural Gas total expenditures can help improve the energy structure, so that the usage of cleaner and renewable energy sources will be hence improved.

2. Increase the utilization of nuclear power to produce electricity. Add more nuclear power plants.

Utilizing cleaner and renewable energy sources in the industrial sector will decrease the consumption of petroleum products in industrial sector, which protect the environment from destroying. Also, nuclear power is a new superior energy which will meet the increasing demand of electricity as well as increase the usage of cleaner and renewable energy sources.

3. Develop the technology utilizing the cleaner and renewable energy sources to increase the cost performance together.

Because the price and capacity of cleaner, renewable energy sources are not satisfactory enough now. Improving the technology will surely improve the per capita renewable energy consumption as well as the energy structure.