Energy Plan Rubric

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| Teacher Name: |  |  |  |  |
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| Student Name:     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |  |  |
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| CATEGORY | Excellent | Good | Satisfactory | Poor |
| Alternative Energy Comparison | Technologies chosen are appropriate to the city’s climate and topography. Pro-con analysis for three technologies present. Three costs and three benefits have been provided for each technology. | Technologies chosen are appropriate to the city’s climate and topography. Pro-con analysis for three technologies present. Two costs and two benefits have been provided for each technology. | Technologies chosen are appropriate to the city’s climate and topography. Pro-con analysis for three technologies present, but minimal detail is provided. | Basic requirements for the pro-con analysis have not been met. |
| Assignment Requirements | All assignment requirements have been satisfied and obvious care has been given to the design of the infographic. | All assignment requirements have been satisfied. | Final Stage is missing one of the required components. | Final Stage is missing more than one of the required components. |
| Transition Strategy | A comprehensive and incremental plan is provided. Plan accounts for changes in technology, government, industry, and society. | A series of simple steps demonstrating an incremental shift to renewable energy is provided. | The before and after states of energy generation are provided, but transition details are lacking. | No strategy is provided for transitioning the city from fossil fuels to sustainable energy. |
| Smart Grid | A smart grid is a central component of the energy plan. It has been incorporated in a thoughtful manner that reflects complete understanding of the technology. | The concept of a smart grid is included in the final Stage. It is obvious that the team understands the concept of a smart grid. | The concept of a smart grid is included in the final Stage, but only has an “add-on”. | The concept of a smart grid is not included in the final Stage. |
| Final Energy Plan | Final energy plan meets the minimum requirements for the assignment, provides rationale for the final choices, and attempts to provide resiliency in the face of a changing climate. | Final energy plan meets the minimum requirements for the assignment and provides some rationale for the final choices for energy Stageion. | Final energy plan meets the minimum requirements for the assignment. | Final energy plan is missing or incomplete |