|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Lesson 1:** | Year | Oil | Coal | Gas | Biofuel | Nuclear | Hydro | Solar | Wind | Amount of CO2 |
|  | 2000 |  |  |  |  |  |  |  |  |  |
| Prediction |  |  |  |  |  |  |  |  |  |  |
| Run 1 | 2010 |  |  |  |  |  |  |  |  |  |
|  | 2020 |  |  |  |  |  |  |  |  |  |
| Demand | 2030 |  |  |  |  |  |  |  |  |  |
| Change/yr:  | 2040 |  |  |  |  |  |  |  |  |  |
| 2.0% | 2050 |  |  |  |  |  |  |  |  |  |
| Efficiency | 2060 |  |  |  |  |  |  |  |  |  |
| Change/yr:  | 2070 |  |  |  |  |  |  |  |  |  |
| 0.0% | 2080 |  |  |  |  |  |  |  |  |  |
|  | 2090 |  |  |  |  |  |  |  |  |  |
|  | 2100 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Run 2 | 2010 |  |  |  |  |  |  |  |  |  |
| Demand | 2020 |  |  |  |  |  |  |  |  |  |
| Change/yr: | 2030 |  |  |  |  |  |  |  |  |  |
| 2.0% | 2040 |  |  |  |  |  |  |  |  |  |
| Efficiency | 2050 |  |  |  |  |  |  |  |  |  |
| Change/yr: | 2060 |  |  |  |  |  |  |  |  |  |
| 0.5% | 2070 |  |  |  |  |  |  |  |  |  |
|  | 2080 |  |  |  |  |  |  |  |  |  |
|  | 2090 |  |  |  |  |  |  |  |  |  |
|  | 2100 |  |  |  |  |  |  |  |  |  |

Name:

1. What is IS92a? Are there alternatives?
2. Categorize each energy source in terms of pros and cons. Possible considerations include: abundance, availability, cost, waste products/emissions, etc.

|  |  |  |
| --- | --- | --- |
| Power Source | Pros | Cons |
|  |  |  |
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