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**“New” Renewable Energy Options**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Solar Energy** | **Wind** | **Geothermal** | **Hydrogen** | **Tidal** |
| **Passive Solar** | **Active Solar** | **Photovoltaic Cells** |
| **Description/Definition** |  |  |  |  |  |  |  |
| **State of Technology, Availability, & Economics** |  |  |  |  |  |  |  |
| **How it produces energy** |  |  |  |  |  |  |  |
| **Byproducts and regulations associated with energy source** |  |  |  |  |  |  |  |
| **How is the building of, maintenance and/or byproducts harmful or beneficial to the environment?** |  |  |  |  |  |  |  |
| **Advantages** |  |  |  |  |  |  |  |
| **Disadvantages** |  |  |  |  |  |  |  |
| **“Need to know” vocab words** |  |  |  |  |  |  |  |
| **Diagrams of how it produces energy:** |  |  |  |  |  |  |  |