

**WHAT'S IN AN ENERGY BILL- PART 1 may advance the following**

**ENERGY LITERACY PRINCIPLES AND CONCEPTS**

**1 Energy is a physical quantity that follows precise natural laws.**

**1.1 Energy is a quantity that is transferred from system to system.**

**1.5 Energy comes in different forms and can be divided into categories.**

**1.7 Many different units are used to quantify energy.**

**3 Biological processes depend on energy flow through the Earth system.**

**3.6 Humans are part of Earth's ecosystems and influence energy flow through these systems.**

**4 Various sources of energy can be used to power human activities, and often this energy must be transferred from source to destination.**

**4.1 Humans transfer and transform energy from the environment into forms useful for human endeavors.**

**4.2 Human use of energy is subject to limits and constraints.**

**4.4 Humans transport energy from place to place.**

**4.5 Humans generate electricity in multiple ways.**

**5 Energy decisions are influenced by economic, political, environmental, and social factors.**

**5.1 Decisions concerning the use of energy resources are made at many levels.**

**5.4 Energy decisions are influenced by economic factors.**

**7 The quality of life of individuals and societies is affected by energy choices.**

## **7.1 Economic security is impacted by energy choices.**