

**Content Practice A****LESSON 3*****Making Electric Current with Magnets***

**Directions:** On the line before each definition, write the letter of the term that matches it correctly. Some terms will be used more than once.

- |                     |   |                               |
|---------------------|---|-------------------------------|
| <u>  <b>A</b>  </u> | 1. This provides an electric current when a TV is turned on.  | <b>A.</b> electric generator  |
| <u>  <b>B</b>  </u> | 2. electric current that flows in one direction   | <b>B.</b> direct current      |
| <u>  <b>D</b>  </u> | 3. a shaft with a set of blades that spins when a stream of pressurized fluid strikes the blades  | <b>C.</b> alternating current |
| <u>  <b>A</b>  </u> | 4. a device that produces an electric current by moving a wire coil in a magnetic field or by moving a magnetic field through a wire coil | <b>D.</b> turbine             |
| <u>  <b>E</b>  </u> | 5. a device that changes the voltage of an alternating current  | <b>E.</b> transformer         |
| <u>  <b>B</b>  </u> | 6. Batteries force electrons to flow in one direction only.   |                               |
| <u>  <b>C</b>  </u> | 7. electric current that changes direction in a regular pattern   |                               |
| <u>  <b>C</b>  </u> | 8. Current from a generator changes direction as the poles of the rotating coil align with the poles of the magnet.                       |                               |
| <u>  <b>E</b>  </u> | 9. This is used to raise the voltage in transmission lines and also to lower the voltage to the level of household currents.              |                               |