

# Chapter 36

## Electrical Fundamentals

Find the words in the grid. Words can go across, down and in the two forward diagonals.

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V V X K N N C O N V E N T I O N A L T H E O R Y D Y
N A W S E M I C O N D U C T O R Q K T X G N Q J Q W
P L F V T J M C J E L E C T R O C H E M I S T R Y V
I E S R K N T D F P F R E E E L E C T R O N S H L O
E N T P D P O T E N T I O M E T E R G N L N W Y N L
Z C A H K R Y A M P E R E R K K L D C L R C T R R T
O E T O N Y T T E R E E E H L R Y K T E D I B T X M
E R I T E T Q F D L B L R S D K D Q T Z C K R T S E
L I C O U H J W D D E E T L I K P E R I R E N R L T
E N E E T E C K N K Z C J I P S M V R W T F O N S E
C G L L R R X E W A T T T F E M T T M E V T G R G R
T N E E A M B L T L L R P R H R C A M B C W O J R N
R N C C L O O E M B W I T O O E E M N U R T M G W G
I M T T C E U C Z Z M C T H L M A F D C A T O H M S
C D R R H L N T X P C A R E E X O N F L E Z M P X X
I D I I A E D R F R T L N L H R O T U E B M Y T Y H
T B C C R C E O I Y R P C W Q C M S I A C X T L R Q
Y T I I G T L N K O P O N F P K N O K V T T K M P Y
P V T T E R E T M J N T V H X I M T C C E O J N C T
M B Y Y R I C H Q P Z E J C Y F N L W O W F M R A D
N W F F G C T E K Y Z N R R O W F F Q J U C O T C N
N L M T P I R O F W L T Y T V U X K T L J P S R X D
T G C T R T O R K M Q I H D N R L L T F P O L K C Z
M Q M M R Y N Y W D M A L K R Y O O C B E D R E G E
H W C F R C S W K C K L P J H V C T M H L T C N T G
H K M N G D Q P G K T L C R Q G T K R B Q V V X H L

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|----------------------|---------------------|--------------------|-------------------|
| Ammeter              | Electrochemistry    | Peltier effect     | Thermocouple      |
| Ampere               | Electromotive force | Photoelectricity   | Thermoelectricity |
| Atom                 | Electron theory     | Piezoelectricity   | Valence ring      |
| Bound electrons      | Free electrons      | Potentiometer      | Volt              |
| Conductors           | Insulators          | PTC                | Voltmeter         |
| Conventional theory  | Ion                 | Resistance         | Watt              |
| Coulomb              | Neutral charge      | Rheostat           |                   |
| Electrical potential | Ohmmeter            | Semiconductor      |                   |
| Electricity          | Ohms                | Static electricity |                   |