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Review Summary: For full text: dx.doi.org/10.1126/science.1246753

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Research Article Summary: For full text:
dx.doi.org/10.1126/science.1258236

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ON THE COVER
An electric eel (Electrophorus electricus) can generate up to 600 volts using modified muscles that act as batteries. This electrical weapon allows the eel to remotely activate the muscles in nearby prey to cause either involuntary movement or involuntary immobility, depending on the eel’s needs. See page 1231 for details and links to movies that illustrate these findings.

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