

# DIFFERENT TYPES OF HYBRID TECHNOLOGIES EMERGE



“The first production hybrid applications have deployed predominantly electrical technology,” says Anderson. But there is also a hydraulic hybrid excavator on the market.

Hydraulic hybridization could be attractive in construction equipment. “Because many off-highway machines already have high-pressure hydraulic systems on board, it is natural to consider the use of other technology for hybridization, such as hydraulic energy storage,” notes Anderson. “Applications that have high power, but not particularly high energy storage requirements, are typically in the sweet spot for hydraulic hybrid options.”