## THE ELECTRIC GRID: PRESENT AND FUTURE PRESENT Electricity, produced by a central power plant, flows INDUSTRIAL one way to customers CUSTOMER BUSINESS Sub stations convert high voltage to CUSTOMER lower voltage **FUTURE** RESIDENTIAL Electricity, produced by a Industrial customers both CUSTOMER central power plant, wind consume and produce electricity turbines and solar panels, Industrial customers communicate usage flows to customers information back to the power provider Electricity is stored in utility batteries Residential and business customers both consume and produce electricity using solar panels and wind turbines Electricity is stored in utility Residential and Smart appliances, electric Electricity is batteries stored in cars and street lights are business customers some of the devices that batteries communicate usage information back to will communicate to the Copyright Stratfor 2014. the power provider power provider www.stratforcom