



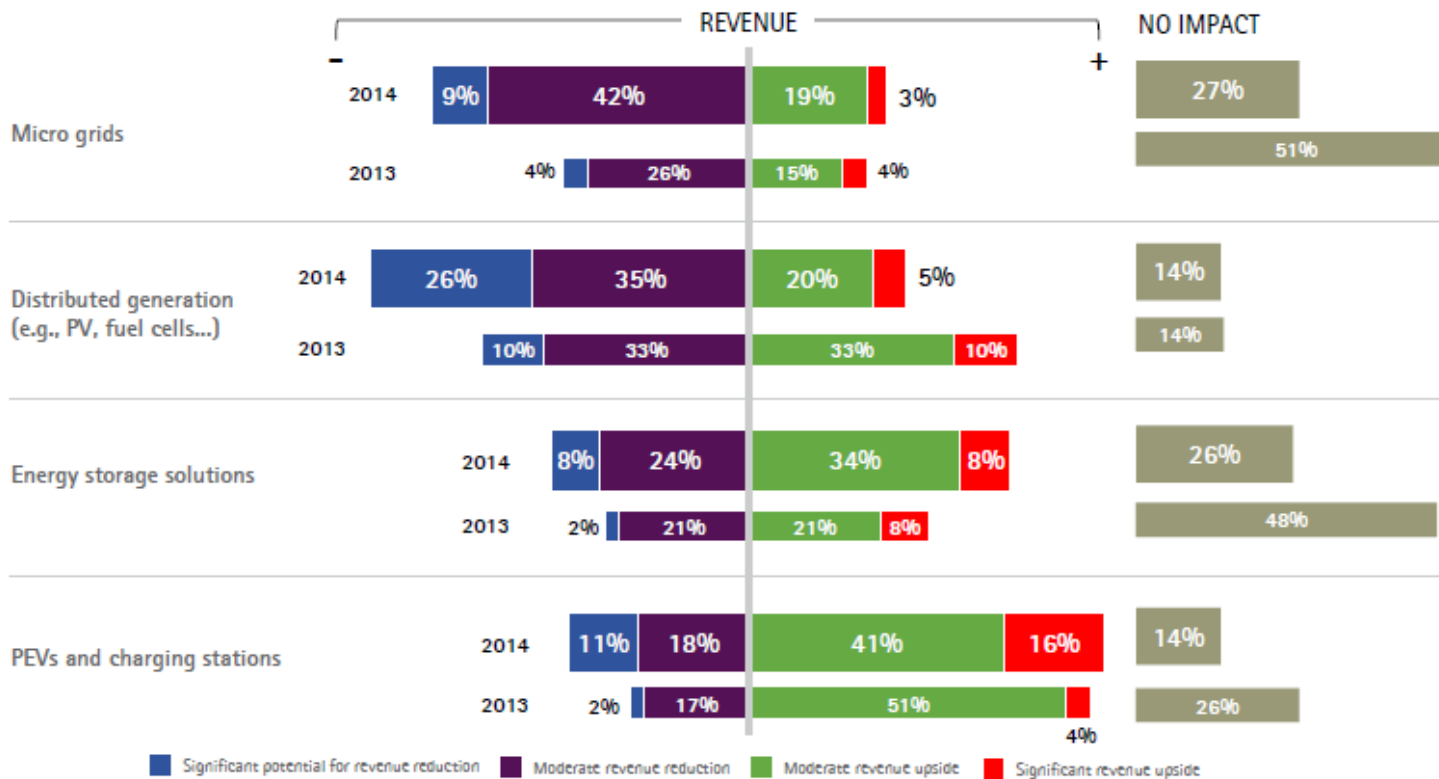
DISCUSSING
TECHNOLOGY, POLICY,
AND CUSTOMERS

ACCENTURE TRACKS UTILITY PERSPECTIVE



Over the last year, utilities executives' perception of the impact of distributed generation on the grid has dramatically changed

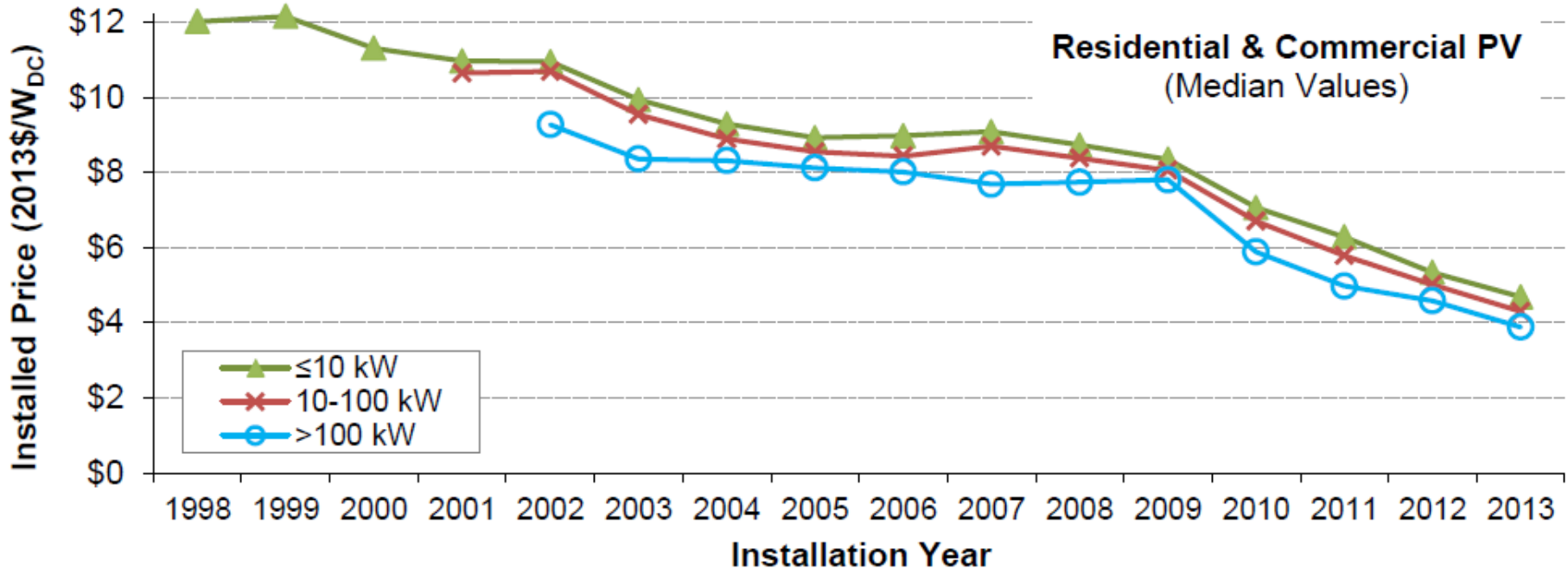
What impact will the following network assets have on your organization by 2030?



Base: All respondents; Note: Excludes not applicable answers.

Source: Accenture's Digitally Enabled Grid program, 2013 and 2014 executive surveys.

THIS IS TECHNOLOGY...

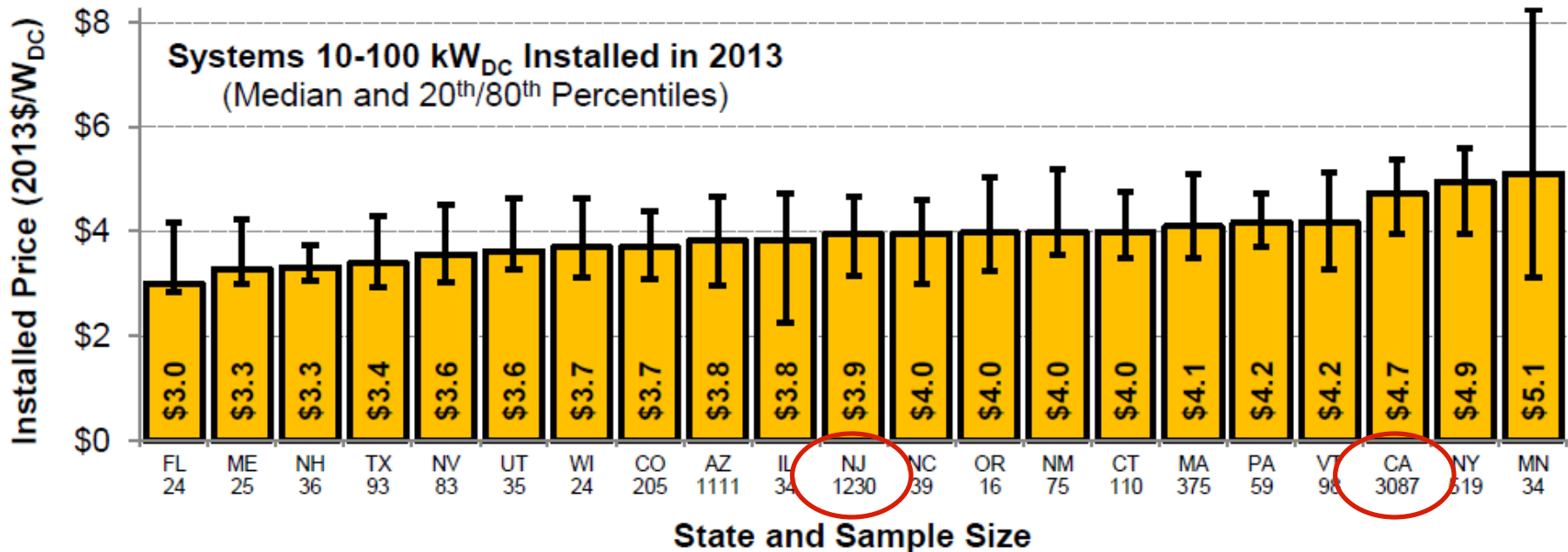


Notes: See Table 1 and Table B-2 for residential and commercial PV sample sizes by installation year. Median installed prices are shown only if 15 or more observations are available for the individual size range.

Figure 6. Installed Price of Residential & Commercial PV over Time

<http://emp.lbl.gov/sites/all/files/lbnl-6858e.pdf> accessed 6/2/2015
Tracking the Sun VII : **An Historical Summary of the Installed Price of Photovoltaics in the United States from 1998 to 2013**

...THIS IS POLICY



Notes: Median installed prices are shown only if 15 or more observations were available for a given state.

Figure 17. Installed Price of Residential & Commercial PV Systems by State (10-100 kW Systems)

<http://emp.lbl.gov/sites/all/files/lbnl-6858e.pdf> accessed 6/2/2015
Tracking the Sun VII : An Historical Summary of the Installed Price of
Photovoltaics in the United States from 1998 to 2013

ELECTRIC VEHICLES CAN SAVE YOU MONEY...



How Much, Really?

Gas vs. hybrid vs. plug-in: the estimated all-inclusive cost of owning these cars for five years in the Ann Arbor, Mich., area, according to Edmunds.com

	Honda Civic 2014 LX 4-dr. sedan 4-cyl. automatic Gasoline engine Cash price: \$19,678	Toyota Camry 2014 L 4-dr. sedan 4-cyl. automatic Gasoline engine Cash price: \$22,379	Toyota Prius 2014 Two 4-dr. hatchback automatic Hybrid Cash price: \$25,213	Chevrolet Volt 2013 4-dr. hatchback Plug-in hybrid Cash price: \$37,165	Nissan Leaf 2014 S 4-dr. hatchback Electric Cash price: \$30,791
Depreciation	\$8,646	\$11,026	\$12,221	\$19,857	\$16,438
Taxes & fees	1,559	1,849	1,995	2,936	2,433
Financing	1,879	2,136	2,407	3,548	2,940
Fuel	8,478	9,988	5,591	3,973	3,426
Insurance	15,363	12,076	11,004	11,916	8,987
Maintenance	3,140	3,028	3,410	2,993	2,537
Repairs	683	683	683	584	683
Tax credit	0	0	0	-7,500	-7,500
Total five-year cost	\$39,748	\$40,786	\$37,311	\$38,307	\$29,944

Note: Cash price is based on actual selling prices. Cost figures are based on 15,000 miles of use a year for cars bought new; traditional financing with above-average credit rating, 10% down payment and five-year loan; average gasoline prices for the state and EPA mileage ratings for the vehicle; average residential electricity rates for the state; average insurance premiums for the vehicle in the state; cost of repairs not covered by manufacturer warranties; and federal tax credit, if any.

Sources: Edmunds.com

The Wall Street Journal

<http://www.wsj.com/articles/should-you-buy-an-electric-car-1416777176> accessed 6/2/2015

AND CREATE SOCIETAL BENEFITS...

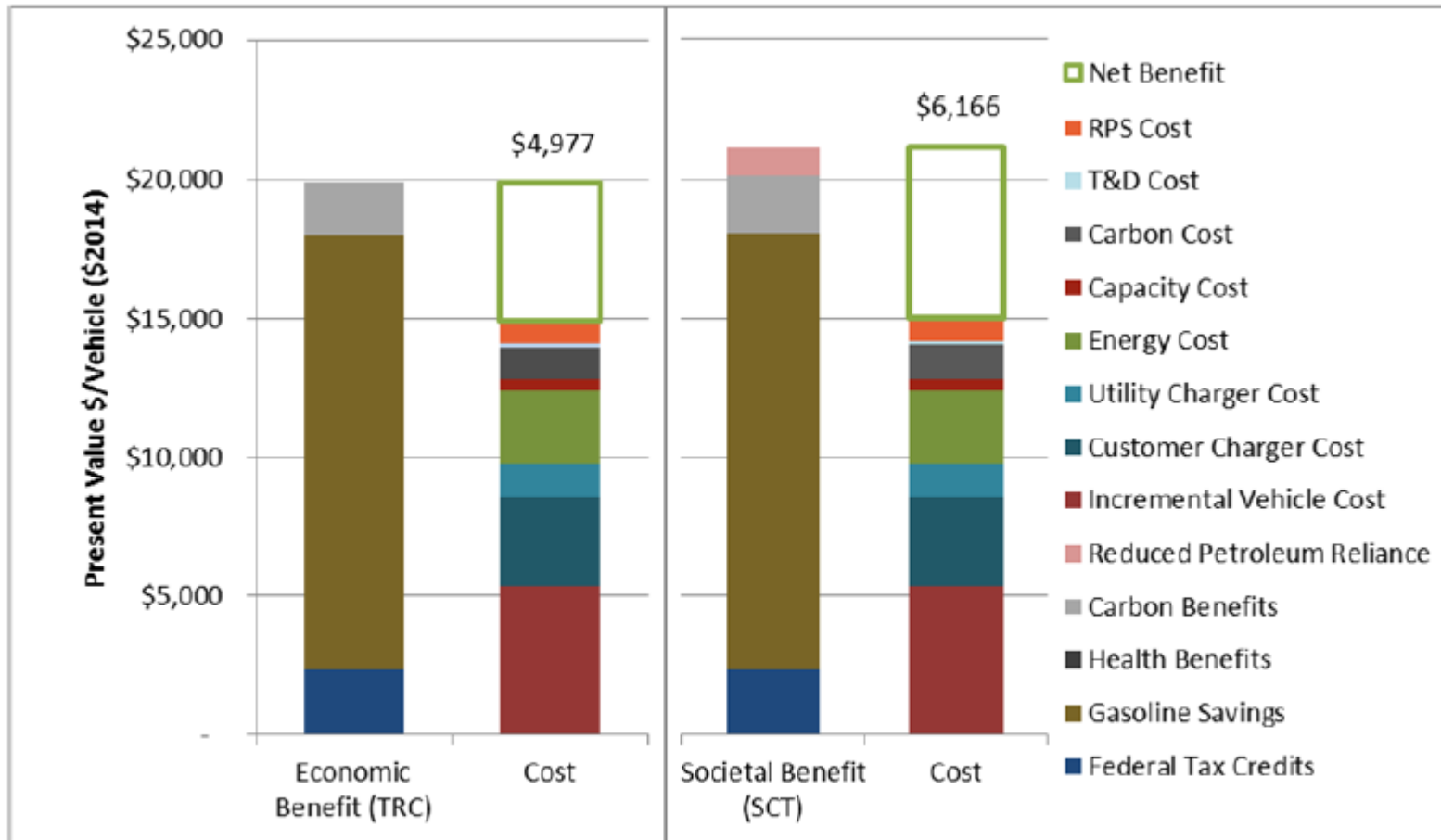


Figure 1. Regional Monetized and Societal Benefits

CA Transportation Electrification Assessment:
Phase 2 – Grid Impacts. Oct 2014. ICF & ethree.

STORAGE IS COMING!?



From: "Tesla" <energy@teslamotors.com>

Date: May 29, 2015 at 2:19:22 PM CDT

To: kschwain@yahoo.com

Subject: Thank you for your Powerwall reservation

Reply-To: "Tesla Energy" <no-reply@teslamotors.com>



Thank You Your Powerwall Reservation is Confirmed

Compact, simple to install and maintenance free, the Tesla home battery offers independence from fossil fuels and the security of an emergency backup.

Arriving this Summer

Powerwall deliveries will begin this August in select cities and nationwide by October. When your Powerwall is available, a certified installer will contact you to schedule an installation appointment.

Questions?

[Visit our website](#) for answers to common questions.



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