

POWERFUL FORCES ARE SHAPING THE NEW DOWNSTREAM ENERGY ECOSYSTEM

We have reached an inflection point—pandemic or not—in the transition to a decarbonized future

Energy demand growth is weak

as electrification of transport and heating are offset by energy-efficiency measures and DERs

Renewables are being deployed at a rapid pace

and increasingly competing with and beating traditional generation sources on price

Business continue to make climate commitments

alongside increasingly ambitious government-led sustainability targets and regulation



Digital technologies expose new value potential

with digital customer journeys, online sales and services, personalization and Al-driven customer operations

Value creation is in Green and beyond commodity

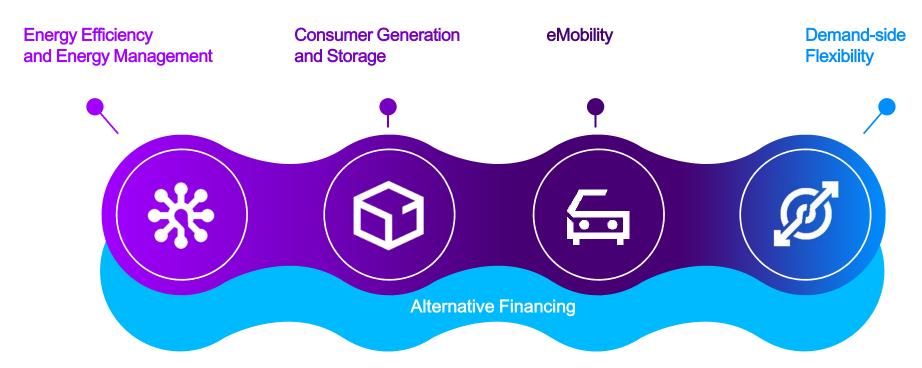
as the financial industry looks to innovative, green-focused utilities as the energy businesses of the future

Competition is heating up with new entrants

such as auto manufacturers, tech companies, oil and gas majors, and startups looking to capture downstream energy value

NEW SOURCES OF CUSTOMER VALUE ARE EMERGING

These sources of value are rapidly maturing and gaining traction, with opportunity across segments



Lease/rent models for assets with high upfront costs, "green finance" opportunities for zero-carbon infrastructure

FOUR STRATEGIC PLAYS FOR ENERGY COMPANIES

The right approach will differ based on individual utility context

1



Energy Value Provider

Commodity focus, with value-added perks to improve retention



Energy & Home Services Provider

Adding "status quo" services in tandem with commodity

3



Connected Energy Services Provider

Offering futureforward energy products and services 4



Beyond Energy

Pivoting to address emerging needs in the new power ecosystem





1

Data & Al platform

CUSTOMERS ARE READY TO ENGAGE — IF ADOPTION BARRIERS ARE ADDRESSED

Success hinges on four experience drivers

	BARRIERS TO ADOPTION	EXPERIENCE DRIVERS
01	TOO MANY CHOICES Customers feel overwhelmed by the wide range of options for home insulation, renewable energy systems or an electric vehicle and want simple, personalized solutions.	SIMPLICITY
02	NOT ENOUGH INFORMATION Customers want better insight into the real costs and benefits of low-carbon solutions by trusted authorities.	TRANSPARENCY
03	LACK OF FINANCING OPTIONS Customers need affordable, low-carbon solutions—whether EVs, solar PVs, batteries or heat pumps—which requires better financing solutions.	AFFORDABILITY
04	UNCERTAINTY ABOUT DATA USE & PRIVACY Customers are concerned about safety and privacy so it is critical to balance these priorities with the benefits of access to data for personalization and efficiency.	TRUST

THE INDUSTRY NEEDS TO DESERVE THE "RIGHT TO PLAY" AND OWN THE "RIGHT TO WIN"







- Credible "purpose driven" brand
- Trustful experience

- Meaningful value propositions
- Say what you do and do what you say
- · Deliver the promise
- Safe data, privacy