Win Today, Win Tomorrow...

David Crane | Chief Executive Officer

...Win the Future





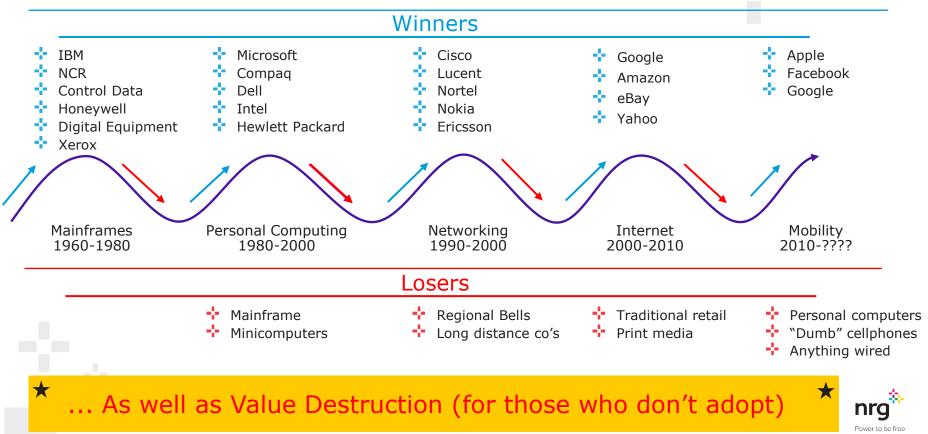
Road Map

to Navigate the Future



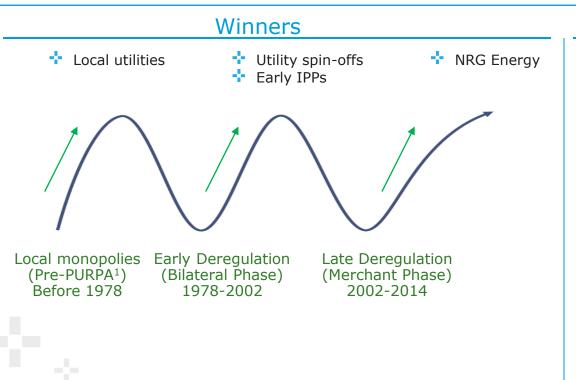
1

Technology Propels Waves of Massive Value Creation...



The Same Trends Will Apply in the Power Industry





Winners & Losers

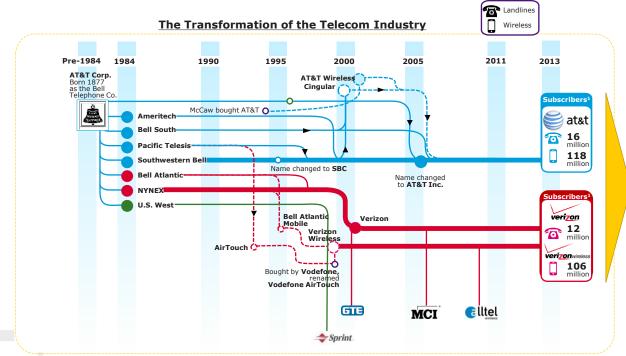
Who will Win and Who will Lose in the Post-Merchant Phase (2014-)?

Characterized by:

- Chronically low commodity prices
- Customer choice impervious to regulatory constraints
- Distributed Solar as THE disruptive technology catalyst
- Focus on mobile energy (to power mobile devices)

¹ Public Utility Regulatory Policies Act of 1978

Who Wins a Transformation?



Having consolidated the 20th century paradigm (fixed lines), AT&T and Verizon gained dominance of the 21st century model (cellular)

Source: WSJ reporting and publicly available information ¹ Subscriber figures as of Q3 2014 and currently available information for AT&T and Verizon, respectively

Telecom Provides the Answer: The incumbent who fully embraces the future technology while continuing to compete aggressively to win in the present industry paradigm are best positioned



*

X



Power to be free

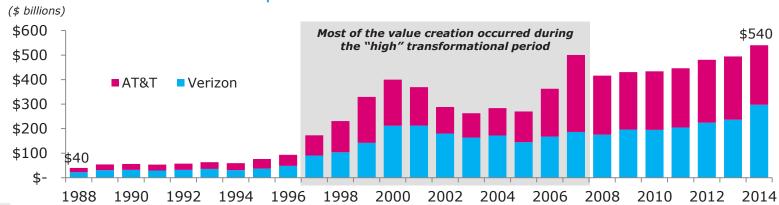
Value Created During Transformation

Wireless portable telephone services... (allowing) customers to make and receive telephone call from any location... complete with services currently offered by the Company and could result in losses of revenues.

- Bell Atlantic 1993 10-K

Wireless services also constitute potential sources of competition to our wireline telecommunications services, especially as wireless carriers continue to lower their prices to end users.

- Verizon 1999 10-K



Enterprise Value of Verizon & AT&T¹

Source: Bloomberg, Annual Reports, other public information

¹Enterprise value data for AT&T & Verizon, which includes legacy companies (e.g. Southwestern Bell, Bell Atlantic) prior to the formation of present-day AT&T & Verizon, is calculated using net debt and equity values

For NRG: This is the Path with Both the Least Risk and Greatest Upside

The Winning Blueprint

- 1. Aggressively embrace the sector's disruptive technology.....
- Shift hard the company's culture from being a fixed asset company to a customer focused company built on a foundation of fixed assets and technological expertise.
- 3. Be a consolidator at value of the traditional sector along the way...... In Progress

How NRG Will Win





Done

In Progress





Our Market Opportunity

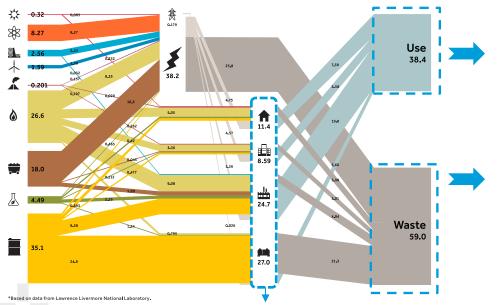


7

Today's Energy Dynamics



Estimated United States Energy use in 2013: 97.4 Quads



Fight for market share with respect to all types of energy consumers: home, commercial, industrial and transportation

With an overabundance of natural gas, wind, solar, coal and, increasingly, oil, the "post merchant" era is defined by chronic oversupply of our key input commodities resulting in constrained commodity pricing

A well designed system... for the 20th century... but no system that generates \sim 60% waste is going to survive unscathed and untouched by technology through the 21st century

NRG is focused on shifting trends: ♦ Centralized → distributed

- ✤ Fossil ➔ clean
- ♦ Unreliable → grid resilient
- ♦ Oil Transport → EV transport

Even in an era of unfavorable supply-demand dynamics, enormous areas of opportunities exist for NRG



 \star



Distributed

Huge Market Opportunity

	Customer Concentrations (USA)		
		Total	NRG
Retail	Homes	115 MM	2.5 MM
	Commercial & industrial	5 MM	281,000 small business 89,000 C&I
	Cellular sites	.3 MM	-

More than 50% of the generating capacity of the U.S. is more than 30 years old

	Generating Capacity		
		Total	NRG
Global	World	5,000 GW	1 GW
	USA	1,000 GW	53 GW
	Africa	100 GW	-

Energy Products (USA 2009) Total NRG Refrigerators 140 million --

117 million

Dryers	90 million	
Furnaces / boilers	82 million	
Stand by generators	2 million	Negligible
99 swotts 60 Hydro 40 Nucker Hydro 90 Hydro	eplacement Power	

2000

Hot water heaters

Electric Grid

High voltage transmission	283,000 miles	ğ
Low voltage distribution	2.2 MM miles	isrupted
Distribution poles	130 MM	sru
Substations	70,000	Ō



Source: EIA, Census Bureau, NRG Estimates

And we are not constrained in these growth areas by market share considerations

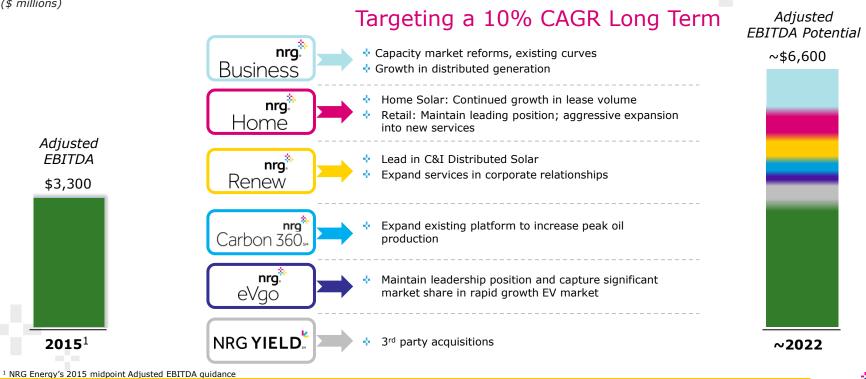
X

Pursuing a Path to Growth...

nrc

Power to be free

(\$ millions)



... Even in a Subdued Commodity Price Environment

X

NRG Home: NRG's Biggest Current Opportunity



System Power

~21 MM residential customers in competitive markets¹
Annual per customer EBITDA of \$150 - \$250/yr

Annual EBITDA availability:

\$3.2 - \$5.4 BN

Goal Zero

- 75% are estimated to be potential customers
- 120 MM U.S. households
- + 350 MM U.S. wireless subscribers

Annual EBITDA availability:

~\$1.7 - \$2.0 BN + Global Market

Residential SolarNumber of homes in U.S.120,000,000Homes eligible for Solar (%)36,000,000 (30%)

Net market size²

EV/customer

35,500,000

\$20,000 - \$30,000

Value Opportunity³:

\$700BN - \$1.1T

Home Energy Services

- Only 2% of U.S. homes have energy mgmt systems w/smart thermostats
- Potential penetration of 10% with monthly service agreements

Annual EBITDA availability:

\$1.1 BN and growing

¹ Residential market size of 20-25 million customers, with more than twice that number eligible to be served by a competitive retailer; ² Net of estimated existing installations; ³ Value cannot be measured properly in EBITDA terms

> In the current era of energy surplus, the value pendulum is swinging decisively to the end use energy consumer



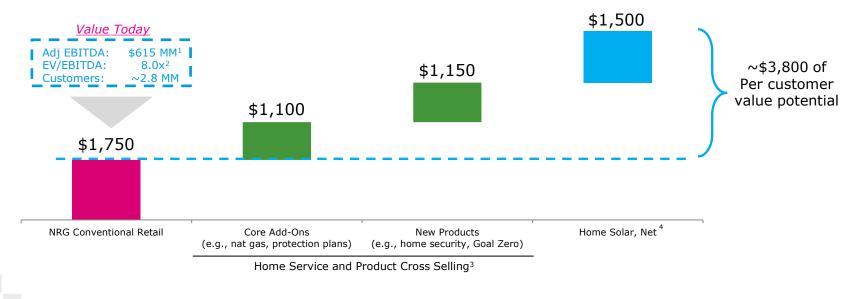
 \star



Massive Value Capture Opportunity

All values in nominal \$ per customer

Value Build: An Illustration



¹ Represents NRG's mid-point 2015 financial guidance for NRG Home Retail; ² Assumed value for illustrative purposes; ³ Values represent an 8.0x multiple to assumed annual adjusted EBITDA potential based on internal NRG research; ⁴ Net additional value assuming no customer acquisition cost offset by a reduction in system power use given solar installation

Incremental value will be directly related to how we deliver affordability, resilience and convenience all with a sense of purpose to customers





The NRG...and NRG Home...Value Proposition Is a Multi-Year Value Progression THAT BEGINS TODAY...









NRG: Value Catalysts 2015



NRG Business

Wholesale fleet begins to capitalize on capacity retirement wave

NRG Home/ NRG Home Solar

Value Recognition Event: Emergence of NRG Home, particularly NRG Home Solar, as a top player in mega-growth distributed generation sector, with distinct consumer-driven value proposition

NRG Yield (Including Capital Allocation)

A robust double digit intrinsic growth pipeline with line of sight deep into the long term





2 WIN TOMORROW 9



NRG Group: Value Catalysts 2016-2019 T1

NRG Business/ Achieve scarcity value for our assets by "out-surviving the other NRG Carbon 360 guy" through comprehensive asset optimization **Value Recognition Event:** Clear confirmation of cross-sell/up-NRG Home / eVgo sell value across a truly national addressable market **Value Recognition Event:** Sustainability/clean energy partner **NRG Renew** of choice for Fortune 500 companies **NRG** Yield *Multiple* intrinsic channels of sustained double digit growth





WIN THE FUTURE and Beyond



19

NRG Group of Companies: Value Catalysts 2020 and Beyond



NRG Business	B2B (on site) generation becomes largest part of sizable market for replacement power
NRG Carbon 360	Value Recognition Event: Large scale carbon revenue business
NRG Home	Energy provider of choice to a national market of energy consumers of all ages
eVgo	Value Recognition Event: National charging network as a necessity to burgeoning PEV market
Renew/Microgrids	Renewables drive more value-added through complete micro-grid solutions
NRG Yield	Sustained industry-leading dividend growth rate
★ NRG Gro	up: Energy Company of 21 st Century *



Recognizing Value



20

NRG Share Price Performance



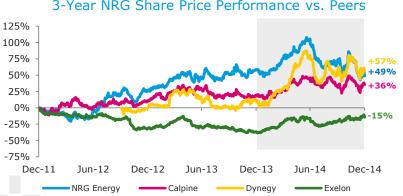
nrc

Power to be free

Even taking into account importance of dividend to BOTH NRG and NYLD, share price appreciation remains critical to NRG's value proposition

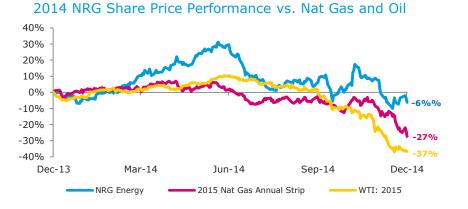
Our 2014 performance lagged, but our 3 year performance remains in-line with Wall Street peers (IPPs) ...

...NRG's 2014 share price weakness was driven primarily by bearish commodity price outlook ...



3-Year NRG Share Price Performance vs. Peers

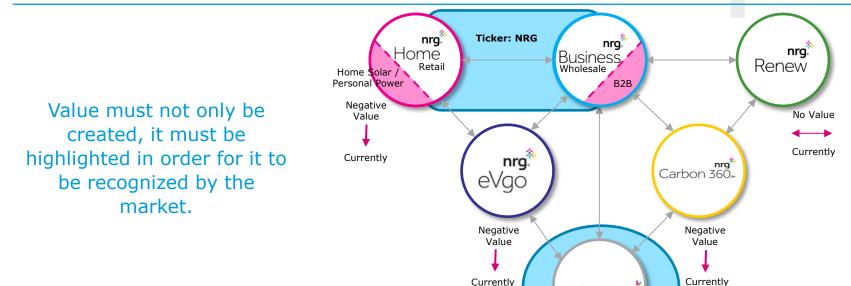
Substantiating the thesis



"It is hard to show the value of anything else we are doing buried under the mountain of 50,000 MW of conventional generation"

NRG Group: From Wall Street's Perspective





NRG YIELD

Ticker: NYLD

Multiple options for value recognition through partial spins or other strategic initiatives



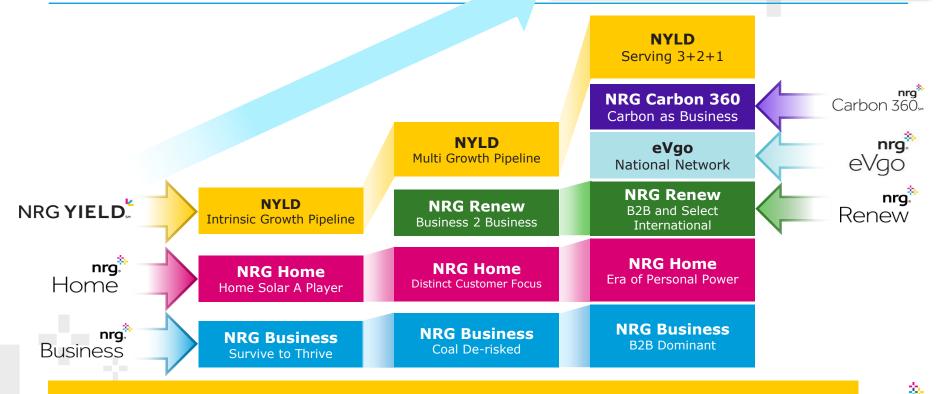
X

NRG Value Creation... and Recognition

Long-term plan to double EBITDA in seven years even in a subdued commodity price environment

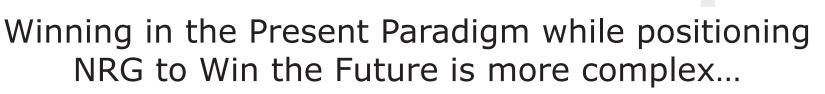
nrc

Power to be free



A COMPELLING PROPOSITION FOR SHORT, MEDIUM, AND LONG-TERM INVESTORS

NRG: Protecting Investors from Risk of Status Quo



...than plowing full steam, into the past (i.e. *business-as-usual*) like our peer group

Insulating NRG Investors from Future Shock

