

NRG YIELDSM

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NRG Energy, Inc.

Kirk Andrews
Executive Vice President & Chief Financial Officer

September 30, 2015
Wolfe Research
Power & Gas Leaders Conference

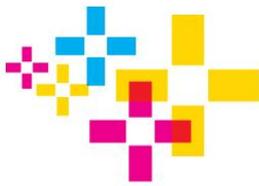


Cautionary Statements And Risk Factors That May Affect Future Results

This presentation includes forward-looking statements within the meaning of the federal securities laws. Actual results could differ materially from such forward-looking statements. The factors that could cause actual results to differ are discussed in the Appendix herein and in NRG's and NRG Yield's filings with the Securities and Exchange Commission.

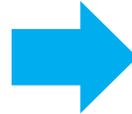
Non-GAAP Financial Information

This presentation refers to certain financial measures that were not prepared in accordance with U.S. generally accepted accounting principles. Reconciliations of those non-GAAP financial measures to the most directly comparable GAAP financial measures can be found in the Appendix herein.



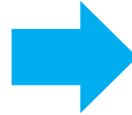
Business Update

✓ Core Wholesale / Retail Integrated Platform



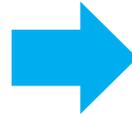
Continued Strong Results in a Volatile Market

✓ PJM Capacity Performance Auction



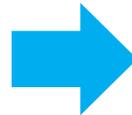
~\$425 MM Increase in Capacity Revenue from Planning Year 16/17 to 18/19

✓ Replenishing NRG Capital through NRG Yield Drop Downs



~\$210 MM¹ in Expected Cash Proceeds from EME Wind

✓ Confirming NRG Yield Dividend Growth



15% Per Year through 2018 Without the Need for Additional Equity

Continued Execution Excellence Across the Platform



Summarizing the NRG Reset

Simplification of NRG;
Formation of "GreenCo"

Unlocking Capital

> \$1.3 Bn

Capital to be Committed to Shrinking the Balance Sheet through 2016

\$150 MM

Annualized Cost Savings Beginning Full Year 2016

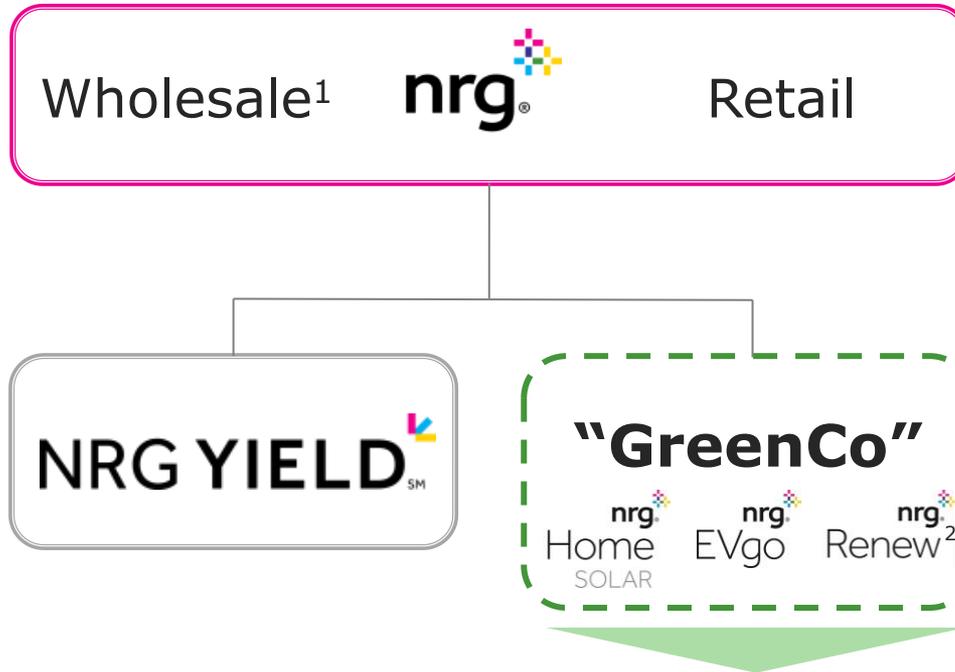
\$125 MM

NRG's Financial Limit to "GreenCo" Commencing January 1, 2016

NRG Reset Objective: A Simpler NRG Group Enhanced by an Immediate Company Wide Effort to Unlock Capital (Opex + Capex) to Shrink the Balance Sheet



Simplification of NRG



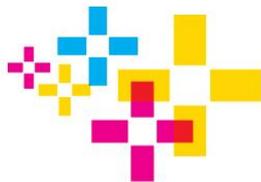
- ✓ Disciplined allocation of capital for growth across all business segments
- ✓ Simplified approach to measure value of company
- ✓ Reduced cost structure
- ✓ Prioritized decision making
- ✓ Continued access to group synergies

- Pursuing Strategic Partnering Alternatives
- \$125 MM Max Funding through Intercompany Revolver in 2016

Transition Begins Now and Will be Fully Effective on January 1, 2016

¹ Includes NRG Carbon360, which will be integrated into operations. NRG to complete Petra Nova / Parish carbon capture project with ~\$117 MM of remaining capital post 2015

² Excludes existing utility-scale and NRG ROFO renewable assets



Capital Allocation: Focusing on the Balance Sheet

2015 Update¹

Already Committed	
Shareholder Return	Debt Reduction
<ul style="list-style-type: none"> Dividend: \$195 MM Share Repurchase: <ul style="list-style-type: none"> Executed: \$186 MM In Execution: \$251 MM² 	
\$632 MM	\$600 MM

+

Remaining NRG Level Capital¹ ~\$360 MM

Less: Impact of NRG Reset (\$60 MM)³

Net Available Capital: ~\$300 MM

NRG Reset: Setting up for 2016

Plan Confirmed	
By 3Q '15 Call	Through 2016
<ul style="list-style-type: none"> Cost Reductions Revisiting Fuel Conversions Targeted Non-Recourse Financing 	<ul style="list-style-type: none"> Asset dispositions at value
~\$500 MM	~\$500 MM

50% Confirmed by 3Q '15 Call

Impact of NRG Reset > \$1 Bn

**Committing >\$1.3Bn to Additional Share Repurchases / Debt Reduction through 2016
Plus ~\$250 MM of Share Repurchases Underway**

¹ Per slide 15 of NRG's 2nd Quarter Earnings Presentation on August 4, 2015 and based on midpoint of 2015 financial guidance; ² Pursuant to 10b5-1 program announced on September 21, 2015; ³ Expected NRG Reset Cost to Achieve in 2015

NRG Yield: Built for Long-Term Success

Well-Diversified Portfolio¹

- + 44 facilities in 14 States
- + Total generation: 5,758 MW
 - Conventional: 1,945 MW
 - Renewable: 2,496 MW
 - Thermal: 1,317 MWt
- + Customer profile²:
 - Avg. credit rating: A3
 - Avg. contract: 16 yrs.

Visible Dividend Growth

- + Commencing 2016, full year CAFD will be realized from Desert Sunlight and EME wind as well as the start of Alta X / XI PPAs
- + Ability to achieve target 15% per year growth through 2018, consistent with long-term expectations

Strong Sponsor

- + NRG Energy: Largest competitive power company in North America
- + Remaining ROFO Pipeline: > \$130 MM CAFD
- + Continued development by NRG and GreenCo

A Premier Dividend-Growth Company with Ability to Grow over the Next Several Years
Without Having to Access the Equity Markets

¹ As of 6/30/15 and pro forma adjusted for recently announced 75% EME wind drop down

² Based on weighted average Cash Available for Distribution

Recalibration of NRG Yield

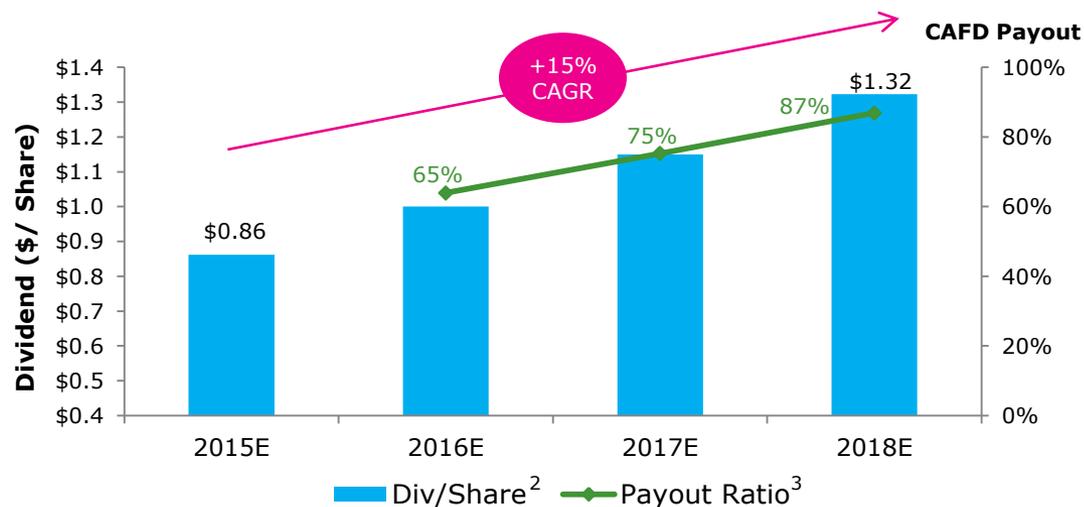
Without Any Further Dropdowns¹, NYLD Can Grow its Dividend at Targeted Rate Through 2018

Focus On:

- Delivering target DPS growth
- Organic opportunities (NRG and GreenCo)
- Not dependent on access to equity capital markets for next three years

Ample Liquidity

- \$515 MM in Liquidity as of 6/30/15⁴
- Increase in cash build through 2018 given low payout ratio
- Based on current portfolio run-rate, est. credit ratio within target of 3.0 - 3.5x Corporate Debt to Corporate EBITDA



>\$130 MM in additional CAFD available via remaining ROFO pipeline; excludes incremental NRG GreenCo investments

Current Payout Ratio and Liquidity Levels Allow NYLD to Maintain Expected Dividend Growth Targets until the 'Equity Window' Reopens

¹ Contemplates only the announced \$210MM dropdown of 75% of EME Wind portfolio and completion of existing commitments to NRG Home Solar and Renew DG

² Dividends/share in charts above correspond to annualized 4Q dividend/share

³ Payout ratio maintained within 85-90% range

⁴ Excludes impact of EME wind transaction





Safe Harbor

Forward-Looking Statements

In addition to historical information, the information presented in this communication includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Exchange Act. These statements involve estimates, expectations, projections, goals, assumptions, known and unknown risks and uncertainties and can typically be identified by terminology such as "may," "should," "could," "objective," "projection," "forecast," "goal," "guidance," "outlook," "expect," "intend," "seek," "plan," "think," "anticipate," "estimate," "predict," "target," "potential" or "continue" or the negative of these terms or other comparable terminology. Such forward-looking statements include, but are not limited to, statements about the anticipated benefits of acquisitions, the Company's future revenues, income, indebtedness, capital structure, plans, expectations, objectives, projected financial performance and/or business results and other future events, and views of economic and market conditions.

Although NRG believes that its expectations are reasonable, it can give no assurance that these expectations will prove to have been correct, and actual results may vary materially. Factors that could cause actual results to differ materially from those contemplated above include, among others, general economic conditions, hazards customary in the power industry, weather conditions, competition in wholesale power markets, the volatility of energy and fuel prices, failure of customers to perform under contracts, changes in the wholesale power markets, changes in government regulations, the condition of capital markets generally, our ability to access capital markets, unanticipated outages at our generation facilities, adverse results in current and future litigation, failure to identify, execute or successfully implement acquisitions and repowerings, our ability to implement value enhancing improvements to plant operations and companywide processes, our ability to obtain federal loan guarantees, the inability to maintain or create successful partnering relationships, our ability to operate our businesses efficiently including NRG Yield, our ability to retain retail customers and to grow our NRG Home Solar business, our ability to realize value through our asset optimization strategy and the creation of "GreenCo," the ability to successfully integrate businesses of acquired companies, the ability to realize anticipated benefits of transactions (including expected cost savings and other synergies) or the risk that anticipated benefits may take longer to realize than expected, our ability to close the drop-down transactions with NRG Yield, and our ability to complete share repurchases under the Capital Allocation Plan may be made from time to time subject to market conditions and other factors, including as permitted by United States securities laws. Furthermore, any common stock dividend is subject to available capital and market conditions.

NRG undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law. These estimates are based on assumptions believed to be reasonable as of that date. NRG disclaims any current intention to update such guidance, except as required by law. The foregoing review of factors that could cause NRG's actual results to differ materially from those contemplated in the forward-looking statements included in this Earnings Presentation should be considered in connection with information regarding risks and uncertainties that may affect NRG's future results included in NRG's filings with the Securities and Exchange Commission at www.sec.gov.

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