



NRG Yield, Inc.  
First Quarter 2017  
Results Presentation

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May 2, 2017

## Safe Harbor

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This presentation contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements are subject to certain risks, uncertainties and assumptions and typically can be identified by the use of words such as “expect,” “estimate,” “should,” “anticipate,” “forecast,” “plan,” “guidance,” “believe” and similar terms. Such forward-looking statements include, but are not limited to, statements about the Company's future revenues, income, indebtedness, capital structure, strategy, plans, expectations, objectives, projected financial performance and/or business results and other future events, and views of economic and market conditions.

Although NRG Yield, Inc. believes that the expectations are reasonable, it can give no assurance that these expectations will prove to be 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, including wind and solar performance, 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, cyber terrorism and inadequate cybersecurity, the ability to engage in successful mergers and acquisitions activity, unanticipated outages at our generation facilities, adverse results in current and future litigation, failure to identify, execute or successfully implement acquisitions (including receipt of third party consents and regulatory approvals), our ability to enter into new contracts as existing contracts expire, our ability to acquire assets from NRG Energy, Inc. or third parties, our ability to close Drop Down transactions, and our ability to maintain and grow our quarterly dividends.

NRG Yield, Inc. 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. The adjusted EBITDA and cash available for distribution guidance are estimates as of May 2, 2017. These estimates are based on assumptions believed to be reasonable as of that date. NRG Yield, Inc. disclaims any current intention to update such guidance, except as required by law. The foregoing review of factors that could cause NRG Yield, Inc.'s actual results to differ materially from those contemplated in the forward-looking statements included in this Presentation should be considered in connection with information regarding risks and uncertainties that may affect NRG Yield, Inc.'s future results included in NRG Yield, Inc.'s filings with the Securities and Exchange Commission at [www.sec.gov](http://www.sec.gov).

## Agenda

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### **Business Update**

**Christopher Sotos**

*Chief Executive Officer*

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### **Financial Summary**

**Chad Plotkin**

*Chief Financial Officer*

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### **Closing Remarks and Q&A**

**Christopher Sotos**

*Chief Executive Officer*

## Business Update

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### + **1<sup>st</sup> Quarter Financial Update**

- Announcing Adjusted EBITDA of \$184 MM and CAFD of \$0 MM
- Closed on acquisition of Agua Caliente and Utah Solar Assets from NRG (March Drop Down)
- Announcing the 14<sup>th</sup> consecutive quarterly dividend increase to \$0.27/share in 2Q17; on track for 15% year-over-year DPS growth in 2017

### + **Updating 2017 Financial Guidance With the Close of the March Drop Down Transaction**

- Adjusted EBITDA: Increasing from \$865 MM to \$920 MM
- CAFD: Maintaining at \$255 MM

### + **Continue to Maintain Significant Liquidity for Growth**

- Approx. \$720 MM in capital sources, including nearly \$145 MM in excess cash during 2017
- Issued \$7 MM of equity under the ATM in 1<sup>st</sup> Quarter; \$143 MM of issuance capacity remaining

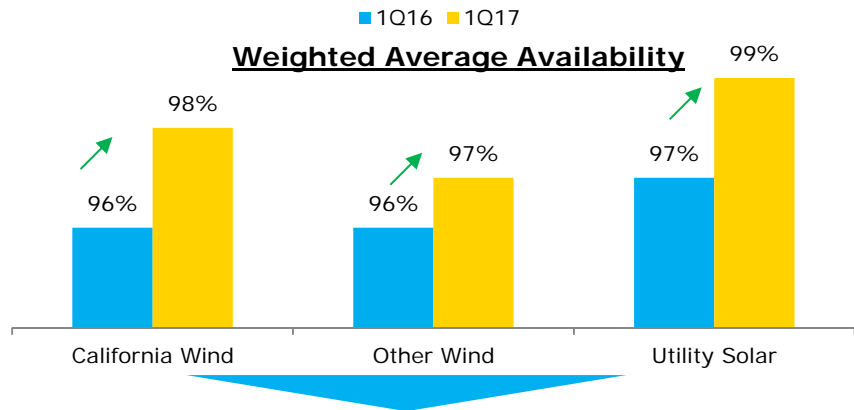
### + **Executing on Growth Plan with NRG Energy**

- NRG has continued to invest in renewable development, enhancing the ROFO pipeline, while NYLD has closed on 500 MW of Drop Downs over the last twelve months
- Continued investment across distributed solar partnerships with NRG; total invested of \$173 MM
- Received offer from NRG for the remaining 25% interest in NRG Wind TE Holdco - 201 net MW

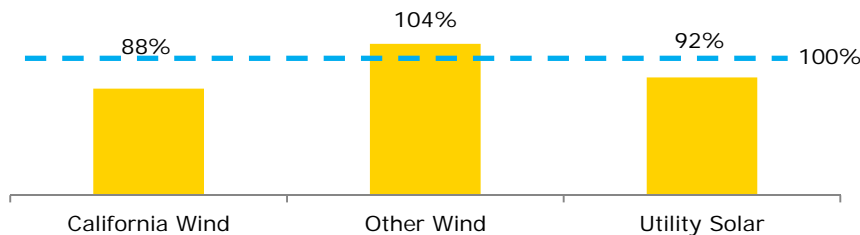
Updating Guidance and Continue to Deliver On Key Business and Growth Priorities

# 1<sup>st</sup> Quarter Operational Update

## Renewable Portfolio: Improved Availability / Weak Weather



### 1Q17 Weighted Average Production Index

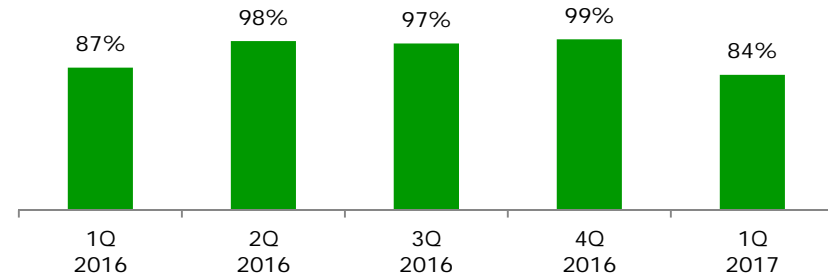


#### Availability Improvement Driven by:

- ❖ Transition of operations from 3rd parties to NRG Energy: NRG operating plants ~150bps increase in availability vs ~50bps for outside OEMs
- ❖ Significant focused efforts at Alta combined with strategic additions to fleet inventory allowing quick return to service times

## Conventional Portfolio: Lower Availability Impacting Results

### Equivalent Availability Factor



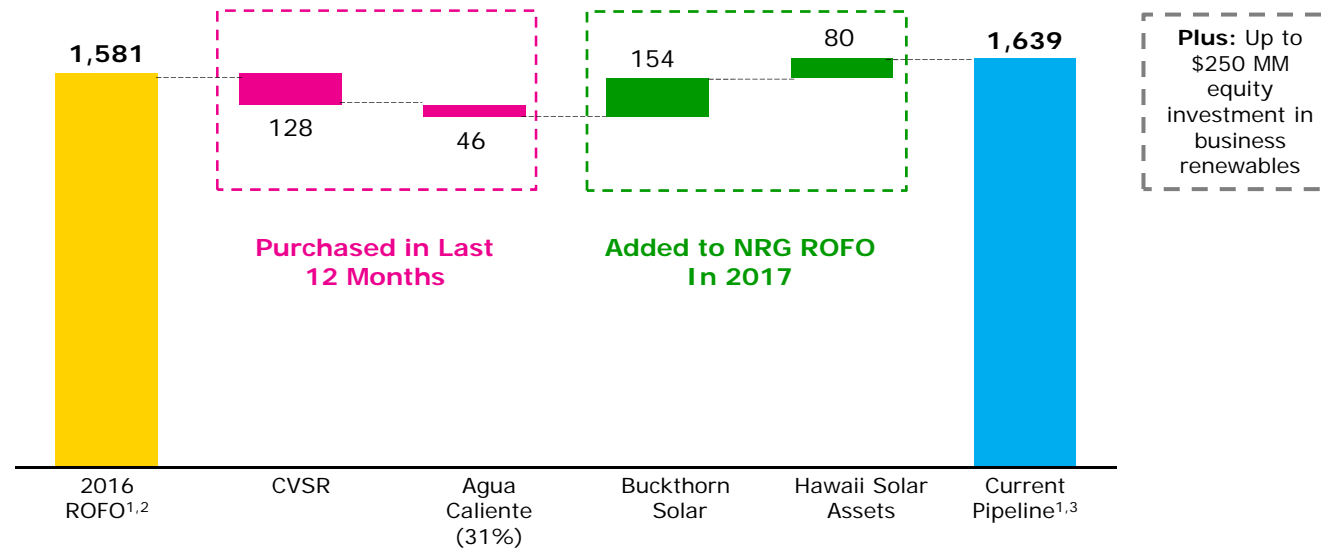
- ❖ **El Segundo:** 1Q17 outage: turbine warranty claim confirmed; financial impact reduced to \$5 MM from \$12 MM
- ❖ **Walnut Creek:** 3Q16 and April '17 outages: April '17 outage mitigated; potential financial impact of ~\$8 MM. Partial insurance recovery expected, but timing uncertain
- ❖ **Walnut Creek Action Plan:** Partnering with GE to target corrective actions
  - Dedicated NRG employee working with GE
  - Enhancing monitoring and control environment
  - Hardening specific turbine components to improve durability

Focusing on Improved Availability at Conventional Segment

# ROFO Pipeline & Relationship With NRG

## Partnership with NRG Continues to Strengthen Through Strong ROFO Replenishment

(MW)



## Plus 345 MW of Unanticipated, Accretive Opportunities Already Executed By NRG and NYLD

- ✦ UPMC Thermal transaction announced Q3; organic build-out expected to close in early 2018 (80 MW)
- ✦ Utah Solar portfolio acquired by NRG in Q4 2016 and then dropped to NYLD in Q1 2017 (265 MW)

In the Past 12 Months, the NRG / NYLD Partnership has Enhanced the ROFO Pipeline Enabling 500 MW of Transactions with NRG

<sup>1</sup> See slide 12 for ROFO Pipeline; <sup>2</sup> Included 120 MW offered by NRG that NRG Yield elected not to pursue; NYLD continuing diligence process at this time, but assets are able to be sold to a third party; <sup>3</sup> 2 MW sold to third party by NRG

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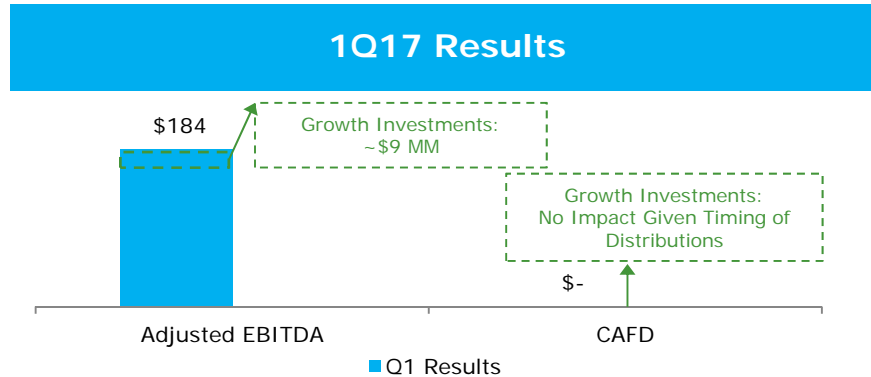
## Financial Summary

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# Financial Update

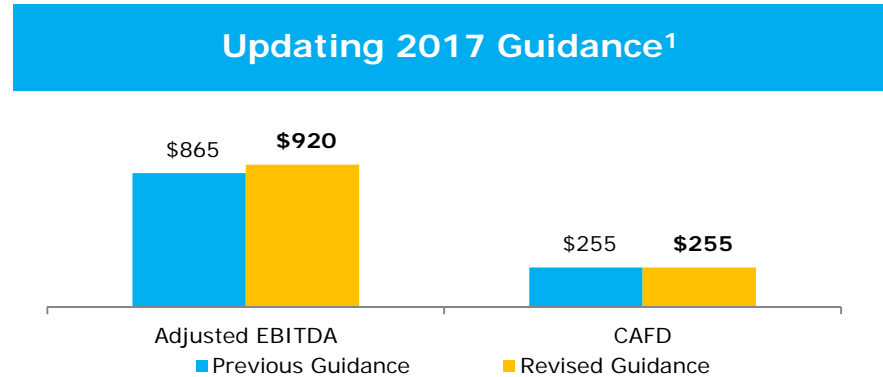
(\$ millions)

All results updated with March 27<sup>th</sup> closing of the Drop Down. Includes the accounting impact resulting from a transfer of assets under common control



## ❖ Q1 Key Business Drivers vs Expectations

- ▲ Growth investments: March Drop Down (\$7 MM) and investments in DG Partnerships since 3Q16 (\$2 MM)
- ▲ Timing of maintenance Capex (\$6 MM)
- ▼ Weak renewable energy conditions (\$5 MM)
- ▼ El Segundo Outage: (\$5 MM) – CAFD exposure reduced from \$12 MM due to positive warranty claim
- ❖ Raised \$7 MM through issuance under ATM program
- ❖ Announcing a 3.8% increase in quarterly dividend in 2Q17 to \$0.27/share



| Bridge to Updated Guidance   | Adj. EBITDA  | CAF D        |
|--|--------------|--------------|
| <b>Previous Guidance</b>   | <b>\$865</b> | <b>\$255</b> |
| Impact of Growth Investments <sup>2</sup>                                      | \$60         | \$10         |
| El Segundo Forced Outage Plus Estimated Changes in Maintenance Capex and Other | ~(\$5)       | ~(\$10)      |
| <b>Updated 2017 Guidance</b>   | <b>\$920</b> | <b>\$255</b> |

#### Potential Financial Impacts:

|   |       |       |
|---|-------|-------|
| Walnut Creek Outage: If No Insurance Recovery in 2017               | (\$8) | (\$8) |
| 1 <sup>st</sup> Quarter Renewable Underperformance (If No Recovery) | (\$5) | (\$5) |

## Updating Full Year Financial Guidance: Guidance Excludes Potential Upside from Additional Growth

<sup>1</sup> Guidance based on P50 median internal expectations for renewable energy production. Refer to Appendix Slide 15 for sensitivities; <sup>2</sup> Includes March Drop Down of Agua Caliente and Utah Solar Assets and \$16 MM of capital invested in DG Partnerships since 3Q16. For March Drop Down, Adjusted EBITDA based on full year, but CAFD includes April through December estimates only



# Available Capital for Growth

(\$ millions)

| Investable Cash  | (\$MM)                |
|--|-----------------------|
| <b><u>As of 4<sup>th</sup> Quarter Earnings Call</u></b> |                       |
| Investable Cash Through 2017 <sup>1</sup>                | \$289                 |
| <b><u>Adjustments</u></b>                                |                       |
| Q1 Changes (See Previous Slide) <sup>2</sup>             | (5)                   |
| Proceeds from ATM Issuance                               | 7                     |
| <b><i>Updated Investable Cash Through 2017:</i></b>      | <b><i>\$291</i></b>   |
| <b>Less: Executed Growth Investments</b>                 |                       |
| DG Partnership Investments: 4Q16 – 1Q17                  | (16)                  |
| March 27 <sup>th</sup> Closing of Drop Down Transaction  | (131)                 |
| <b><i>Total Executed Growth Investments</i></b>          | <b><i>(\$147)</i></b> |
| <b>Remaining Investable Cash Through 2017:</b>           | <b>\$144</b>          |



**\$431 MM:**  
**Available Revolver Capacity**

**\$143 MM:**  
**Unutilized ATM Capacity**

***Approx. \$720 MM Available Capital Sources***

**Significant Financial Flexibility to Support Accretive Growth Opportunities**

<sup>1</sup> Refer to Slide 10 of the Fourth Quarter 2016 Earnings Results presentation on February 28, 2017; <sup>2</sup> Adjustments based on current guidance. Includes 1<sup>st</sup> Quarter Renewable Underperformance, but excludes impact of Walnut Creek Outage

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## Closing Remarks and Q&A

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## 2017 Scorecard

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- ❑ Deliver on financial commitments, including growing dividend per share by 15%
  - ❑ Updating 2017 Guidance; increasing Adjusted EBITDA to \$920 MM and maintaining CAFD at \$255 MM
  - ❑ Targeting \$0.2875/share dividend in Q4 2017 (\$1.15/share annualized); announced Q2 2017 dividend of \$0.27/Share in line with this DPS growth trajectory
  
- ❑ Continue to demonstrate CAFD per share accretion through efficient capital deployment
  - ✓ Executed on accretive acquisition of 311 net MW utility-scale solar (March Drop Down)
  - ❑ Received offer from NRG for the remaining 25% interest in NRG Wind TE Holdco
  - ❑ Significant capital sources available to drive further accretive growth in 2017
  
- ❑ Continue engagement for additional strategic partners
  - ❑ Expect to provide update during 2017
  
- ❑ Maintain strong balance sheet and financial flexibility across the capital structure

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## Appendix

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# Investments and ROFO Pipeline

## As of March 31, 2017



| Existing Commitments in Partnership with NRG Energy               |                 |          |                     |  |
|---|-----------------|----------|---------------------|--|
| Project   | Technology      | Net MW   | COD                 | Off-Take   |
| University of Pittsburgh Medical Center (UPMC)                    | District Energy | 80 (MWt) | Expected Early 2018 | 20-year Energy Services Agreement with UPMC  |
| \$210 MM in business renewables and residential solar portfolios* | PV              | NA       | 2017-2018           | Long-term agreements with business customers and 20-year leases with residential customers |

**\*\$173 MM invested in business renewables and residential solar portfolios through 1Q17<sup>1</sup>**

| NRG ROFO Assets   |               |        |         |  |
|---|---------------|--------|---------|--|
| Project   | Technology    | Net MW | COD     | Off-Take <sup>1</sup>                                  |
| Agua Caliente <sup>2</sup>                              | PV            | 102    | 2014    | 25-year PPA with PG&E <sup>3</sup>                     |
| Ivanpah <sup>4</sup>                                    | Solar Thermal | 195    | 2013    | 20-25-year PPAs with PG&E and SCE <sup>3</sup>         |
| Remaining 25% of NRG Wind TE Holdco <sup>5</sup>        | Wind          | 201    | Various | Various long-term contracts                            |
| Other Wind Assets                                       | Wind          | 118    | Various | Various long-term contracts                            |
| Carlsbad  | Natural Gas   | 527    | 2018    | 20-year PPA with SDG&E <sup>3</sup>                    |
| Puente <sup>6</sup><br>(Formerly Mandalay)              | Natural Gas   | 262    | 2020    | 20-year PPA with SCE <sup>3</sup>                      |
| Up to \$250 MM equity investment in business renewables | PV            | TBD    | TBD     | Long-term agreements with business renewable customers |
| Buckthorn Solar   | Solar         | 154    | 2018    | 25-year PPA with City of Georgetown                    |
| Hawaii Solar Assets                                     | Solar         | 80     | 2019    | 22-year PPAs with Hawaiian Electric Co. <sup>7</sup>   |

### Robust Growth Through Sponsor Relationship; Expanded Via Addition of Solar Assets

<sup>1</sup> Includes \$26 MM for 14 MW of residential solar leases acquired outside of partnerships, not adjusted for dividends received; <sup>2</sup> Capacity represents 35% NRG ownership; remaining portions of Agua Caliente are owned by MidAmerican Energy Holdings, Inc. (49%) and NRG Yield (16%); <sup>3</sup> SCE – Southern California Edison; PG&E – Pacific Gas & Electric; SDG&E – San Diego Gas & Electric; <sup>4</sup> Capacity represents 50.05% NRG ownership; remaining 49.95% is owned by Google, Inc. and BrightSource Energy, Inc.; <sup>5</sup> Received offer from NRG <sup>6</sup> Subject to applicable regulatory approvals and permits; <sup>7</sup> Subject to applicable regulatory approvals

# Drop Down Asset Overview: 25% of NRG Wind TE Holdco<sup>1</sup>

## Well-Understood...

- ☑ Jointly owned: NRG Yield (75%) and NRG (25%)
- ☑ Strong financial performance during NYLD's ownership
- ☑ Owned majority of portfolio for 2 years: provides NYLD significant operational knowledge of the portfolio
- ☑ NRG is the O&M provider for 11 of the 12 projects in the portfolio



## ...and Strongly Diversified Portfolio

- ☑ ~10 year weighted average contract life<sup>2</sup>
- ☑ 12 assets spread across 9 U.S. states; 5 different turbine technologies and 11 separate PPA off-takers
- ☑ 91% of off-takers are Investment Grade



Received Offer from NRG for Remaining 25% of Strategic Wind Portfolio

<sup>1</sup> Reflects ownership in tax equity partnership; <sup>2</sup> As of 3/31/17; based on weighted avg. Cash Available for Distribution

# Renewable Portfolio Performance

|   | MW    | Production Index |      |      |      | Availability <sup>1</sup> |      |
|---|-------|------------------|------|------|------|---------------------------|------|
|   |       | 2017             |      |      |      |                           | 2017 |
|   |       | 1st Quarter      |      |      | Q1   | Q1                        |      |
|   |       | Jan              | Feb  | Mar  |      |                           |      |
| <b>Wind Portfolio</b>                                 |       |                  |      |      |      |                           |      |
| California  | 947   | 87%              | 93%  | 85%  | 88%  | 98%                       |      |
| Other West  | 68    | 91%              | 88%  | 95%  | 91%  | 98%                       |      |
| Texas   | 427   | 108%             | 114% | 108% | 110% | 97%                       |      |
| Midwest   | 451   | 89%              | 107% | 101% | 99%  | 97%                       |      |
| East  | 106   | 77%              | 134% | 108% | 105% | 97%                       |      |
| <b>Weighted Average Total</b>                         | 1,999 | 93%              | 106% | 98%  | 99%  | 97%                       |      |
| <b>Utility-Scale Solar Portfolio</b>                  |       |                  |      |      |      |                           |      |
| <b>Weighted Average Utility Scale Solar Portfolio</b> | 921   | 78%              | 85%  | 106% | 92%  | 99%                       |      |

- ❖ Represents a measure of the actual production for the stated period relative to internal median expectations at the time
- ❖ Index includes assets beginning the first quarter after the acquisition date
- ❖ MW capacity reflects the MW ownership as of the first quarter of 2017
- ❖ MW capacity includes net capacity from equity method investments, index excludes equity method investments; Renewable equity method investments: Avenal, Desert Sunlight, Four Brothers, Iron Springs, Granite Mountain, San Juan Mesa, and Elkhorn Ridge

<sup>1</sup> Wind Availability represents total Site Availability, or availability associated with the wind turbine, balance of plant, and events out of management control (weather, grid events, curtailments); Utility Solar availability represents energy produced as a percentage of available energy

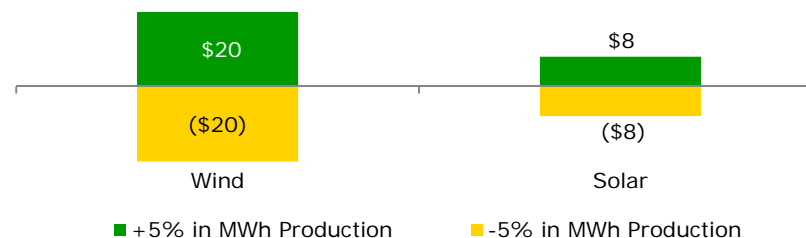
# 2017 Seasonality of Current Portfolio and Renewable Sensitivities

## Seasonality of Expected Financial Performance

- ✦ Seasonality as a result of renewable energy resource, timing of contracted payments on conventional assets, tax equity proceeds, network upgrades, and project debt service
- ✦ Percent ranges in table are primarily driven by potential variability in both wind and solar production; Renewable resources may experience deviation beyond +/- 5%
- ✦ Other items which may impact CAFD include non-recurring events such as forced outages or timing of maintenance CapEx

| Original Quarterly Estimates:<br>% of Est. Annual Financial Results |        |        |        |        |
|---|--------|--------|--------|--------|
|   | Q1     | Q2     | Q3     | Q4     |
| Adjusted EBITDA   | 21-22% | 29-31% | 25-27% | 22-24% |
| CAFD  | (2)-2% | 27-34% | 47-52% | 18-23% |

## Renewable Production Variability: Annual CAFD Sensitivity Based on Current Portfolio



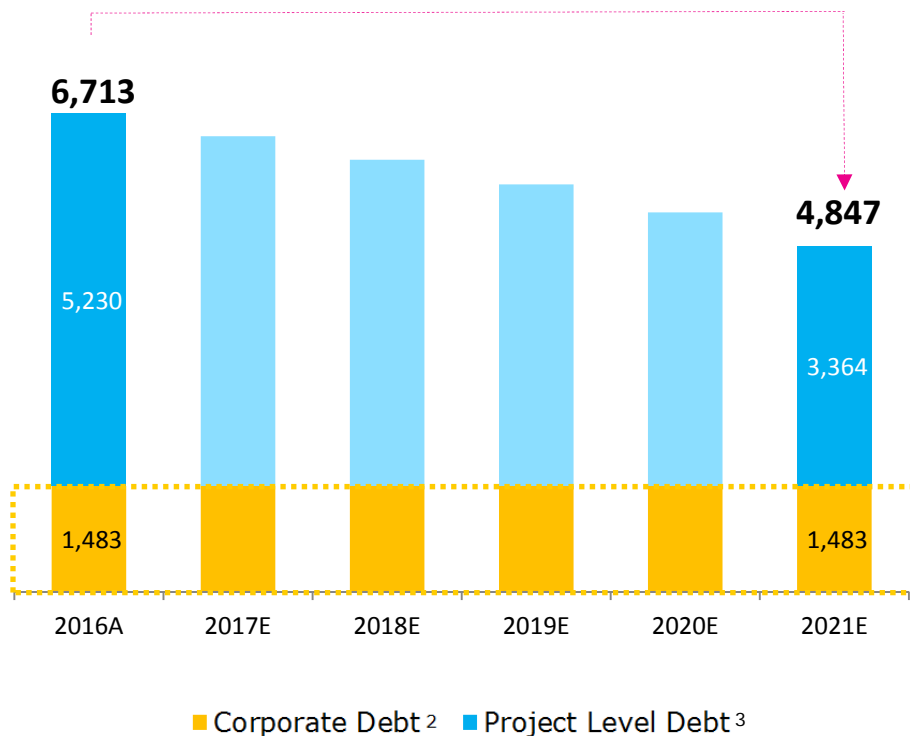


# Naturally Deleveraging Platform

(\$ millions) – As of December 31, 2016

## Projected Debt Balances<sup>1</sup>

**\$1.9 BN Decrease**



### Significant Financial Benefit...

- ✓ >\$350 MM / year on average of natural deleveraging
- ✓ Projected five-year reduction represents 58% of current market cap<sup>4</sup>

### ...Provides Value For NRG Yield

- ✓ Occurs with no impact to dividend or planned dividend growth
- ✓ Predictable debt reduction provides comfort around overall leverage and post-PPA cash flow potential
- ✓ Increases financing capacity to aid future accretive growth

## Project Debt Amortization Enhances Financing Flexibility

<sup>1</sup> Excludes corporate revolver; includes corporate debt and convertibles, all project level debt, 2016A pro-forma for Agua Caliente Holdco debt issued in February 2017 and proportional project debt from unconsolidated affiliates; <sup>2</sup> Assumes roll-forward of any maturing corporate level debt and convertibles; <sup>3</sup> See Slide 17 for debt amortization by project; <sup>4</sup> As of April 28, 2017; includes Class A, B, C, D shares outstanding

# Non-Recourse Project Debt Amortization

Principal payments<sup>1</sup> on debt as of December 31, 2016<sup>2</sup>, are due in the following periods:

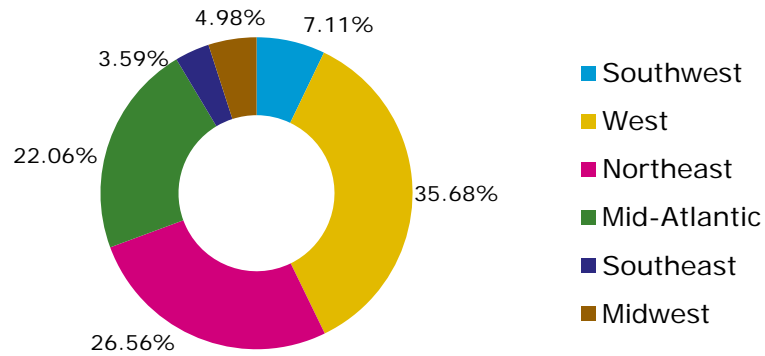
| (\$ millions)   | Quarterly 2017 |              |              |              | Fiscal Year   |               |               |               |               |                 | Total           |
|---|----------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|
|   | 1Q17           | 2Q17         | 3Q17         | 4Q17         | 2017          | 2018          | 2019          | 2020          | 2021          | There-after     |                 |
| <b>Conventional:</b>  |                |              |              |              |               |               |               |               |               |                 |                 |
| El Segundo Energy Center, due 2023                          | \$ 28          | \$ -         | \$ 15        | \$ -         | \$ 43         | \$ 48         | \$ 49         | \$ 53         | \$ 57         | \$ 193          | \$ 443          |
| Marsh Landing, due 2017 and 2023                            | 9              | 4            | 23           | 16           | 52            | 55            | 57            | 60            | 62            | 84              | 370             |
| Walnut Creek Energy & WCEP Holdings, due 2023               | 8              | 4            | 20           | 12           | 44            | 47            | 51            | 53            | 56            | 105             | 356             |
| <b>Total Conventional</b>                                   | <b>45</b>      | <b>8</b>     | <b>58</b>    | <b>28</b>    | <b>139</b>    | <b>150</b>    | <b>157</b>    | <b>166</b>    | <b>175</b>    | <b>382</b>      | <b>1,169</b>    |
| <b>Utility Scale Solar:</b>                                 |                |              |              |              |               |               |               |               |               |                 |                 |
| Alpine, 2022  | 1              | 2            | 4            | 2            | 9             | 8             | 8             | 8             | 8             | 104             | 145             |
| Avra Valley, due 2031                                       | -              | 1            | 1            | 1            | 3             | 3             | 3             | 4             | 3             | 41              | 57              |
| Blythe, due 2028  | -              | -            | 1            | 1            | 2             | 1             | 2             | 1             | 1             | 12              | 19              |
| Borrogo, due 2025 and 2038                                  | -              | 1            | 1            | 1            | 3             | 3             | 3             | 3             | 3             | 54              | 69              |
| CVSR & CVSR Holdco Notes, due 2037                          | 20             | -            | 10           | -            | 30            | 32            | 30            | 27            | 30            | 821             | 970             |
| Kansas South, due 2031                                      | -              | 1            | -            | 1            | 2             | 2             | 2             | 2             | 2             | 20              | 30              |
| Roadrunner, due 2031  | -              | 1            | 2            | -            | 3             | 3             | 3             | 2             | 3             | 23              | 37              |
| TA High Desert, due 2023 and 2033                           | -              | 1            | -            | 2            | 3             | 3             | 3             | 3             | 3             | 34              | 49              |
| Agua Caliente Borrower 2, due 2038 <sup>2</sup>             | -              | -            | -            | -            | -             | 1             | 1             | 1             | 1             | 37              | 41              |
| Utah Portfolio, due 2022                                    | -              | 4            | -            | 5            | 9             | 12            | 14            | 13            | 13            | 226             | 287             |
| <b>Total Utility Solar</b>                                  | <b>21</b>      | <b>11</b>    | <b>19</b>    | <b>13</b>    | <b>64</b>     | <b>68</b>     | <b>69</b>     | <b>64</b>     | <b>67</b>     | <b>1,372</b>    | <b>1,704</b>    |
| PFMG and related subsidiaries financing agreement, due 2030 | -              | -            | 1            | -            | 1             | 1             | 2             | 1             | 1             | 21              | 27              |
| <b>Total Solar Assets</b>                                   | <b>21</b>      | <b>11</b>    | <b>20</b>    | <b>13</b>    | <b>65</b>     | <b>69</b>     | <b>71</b>     | <b>65</b>     | <b>68</b>     | <b>1,393</b>    | <b>1,731</b>    |
| <b>Wind:</b>  |                |              |              |              |               |               |               |               |               |                 |                 |
| Alta - Consolidated   | 1              | 26           | -            | 15           | 42            | 43            | 44            | 47            | 48            | 790             | 1,014           |
| Laredo Ridge, due 2028                                      | 2              | 1            | 1            | 1            | 5             | 5             | 5             | 6             | 6             | 73              | 100             |
| South Trent, due 2020                                       | 1              | 1            | 1            | 1            | 4             | 4             | 4             | 45            | -             | -               | 57              |
| Tapestry, due 2021  | 4              | 2            | 1            | 3            | 10            | 11            | 11            | 11            | 129           | -               | 172             |
| Viento, due 2023 <sup>3</sup>                               | -              | 7            | -            | 6            | 13            | 16            | 18            | 16            | 16            | 99              | 178             |
| <b>Total Wind Assets</b>                                    | <b>8</b>       | <b>37</b>    | <b>3</b>     | <b>26</b>    | <b>74</b>     | <b>79</b>     | <b>82</b>     | <b>125</b>    | <b>199</b>    | <b>962</b>      | <b>1,521</b>    |
| <b>Thermal:</b>   |                |              |              |              |               |               |               |               |               |                 |                 |
| Energy Center Minneapolis, due 2017, 2025, and 2031         | 2              | 9            | 2            | -            | 13            | 7             | 11            | 11            | 11            | 168             | 221             |
| <b>Total Thermal Assets</b>                                 | <b>2</b>       | <b>9</b>     | <b>2</b>     | <b>-</b>     | <b>13</b>     | <b>7</b>      | <b>11</b>     | <b>11</b>     | <b>11</b>     | <b>168</b>      | <b>221</b>      |
| <b>Total NRG Yield</b>                                      | <b>\$ 76</b>   | <b>\$ 65</b> | <b>\$ 83</b> | <b>\$ 67</b> | <b>\$ 291</b> | <b>\$ 305</b> | <b>\$ 321</b> | <b>\$ 367</b> | <b>\$ 453</b> | <b>\$ 2,905</b> | <b>\$ 4,642</b> |
| <b>Unconsolidated Affiliates' Debt</b>                      | <b>\$ 3</b>    | <b>\$ 5</b>  | <b>\$ 9</b>  | <b>\$ 8</b>  | <b>\$ 25</b>  | <b>\$ 25</b>  | <b>\$ 26</b>  | <b>\$ 26</b>  | <b>\$ 27</b>  | <b>\$ 459</b>   | <b>\$ 588</b>   |
| <b>Total</b>  | <b>\$ 79</b>   | <b>\$ 70</b> | <b>\$ 92</b> | <b>\$ 75</b> | <b>\$ 316</b> | <b>\$ 330</b> | <b>\$ 347</b> | <b>\$ 393</b> | <b>\$ 480</b> | <b>\$ 3,364</b> | <b>\$ 5,230</b> |

<sup>1</sup> Excludes all corporate debt facilities and all outstanding draws on the corporate revolving credit facility; reflects current agreement bullet payments; <sup>2</sup> Pro-forma for Agua Caliente debt issued in February 2017; <sup>3</sup> Fully consolidated and represents 100% balance. Pursuant to the November 3<sup>rd</sup> 2015 acquisition, NRG Yield owns only 75% of the portfolio

# Distributed Generation Investments: Business Renewables and Residential Solar Profile (as of March 31, 2017)<sup>1</sup>



## Geographic Distribution



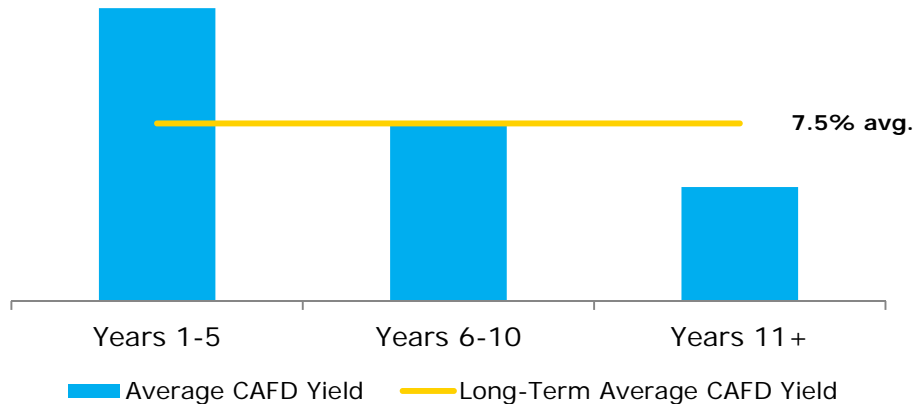
## Portfolio Credit Quality<sup>2</sup>

- 68% of residential customers > 750
- 96% of residential customers > 700
- >97% of commercial customers > BBB-

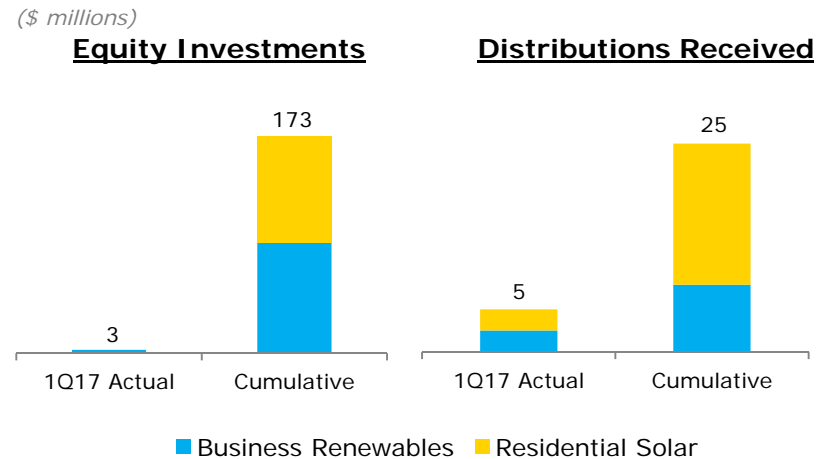
Weighted Avg. FICO > 760

Targeted LT Min. W-Avg. FICO: 700

## Asset CAFD Yield Expectations



## Distributed Generation Partnership with NRG<sup>3</sup>



<sup>1</sup> All averages used herein are weighted by relative fund size (measured in system size). Data on slide associated with applicable investments made through end of March 31, 2017;  
<sup>2</sup> Based on available reported FICO scores and credit ratings; <sup>3</sup> Includes \$26 MM for 14 MW of Residential Solar leases acquired outside of partnership, not adjusted for dividends received

# Current Operating Assets

As of March 31, 2017

## Wind

| Projects               | Percentage Ownership | Net Capacity (MW)(a) | Offtake Counterparty   | PPA Expiration |
|------------------------|----------------------|----------------------|--|----------------|
| Alta I                 | 100%                 | 150                  | Southern California Edison                                       | 2035           |
| Alta II                | 100%                 | 150                  | Southern California Edison                                       | 2035           |
| Alta III               | 100%                 | 150                  | Southern California Edison                                       | 2035           |
| Alta IV                | 100%                 | 102                  | Southern California Edison                                       | 2035           |
| Alta V                 | 100%                 | 168                  | Southern California Edison                                       | 2035           |
| Alta X (b)             | 100%                 | 137                  | Southern California Edison                                       | 2038           |
| Alta XI (b)            | 100%                 | 90                   | Southern California Edison                                       | 2038           |
| Buffalo Bear           | 100%                 | 19                   | Western Farmers Electric Co-operative                            | 2033           |
| Laredo Ridge           | 100%                 | 80                   | Nebraska Public Power District                                   | 2031           |
| Pinnacle               | 100%                 | 55                   | Maryland Department of General Services and University System of | 2031           |
| South Trent            | 100%                 | 101                  | AEP Energy Partners  | 2029           |
| Spring Canyon II (b)   | 90.1%                | 29                   | Platte River Power Authority                                     | 2039           |
| Spring Canyon III (b)  | 90.1%                | 25                   | Platte River Power Authority                                     | 2039           |
| Taloga                 | 100%                 | 130                  | Oklahoma Gas & Electric  | 2031           |
| NRG Wind TE Holdco (b) | 75%                  | 613                  | Various  | Various        |
|                        |                      | <b>1,999</b>         |  |                |

## Conventional

| Projects           | Percentage Ownership | Net Capacity (MW)(a) | Offtake Counterparty       | PPA Expiration |
|--------------------|----------------------|----------------------|----------------------------|----------------|
| El Segundo         | 100%                 | 550                  | Southern California Edison | 2023           |
| GenConn Devon      | 50%                  | 95                   | Connecticut Light & Power  | 2040           |
| GenConn Middletown | 50%                  | 95                   | Connecticut Light & Power  | 2041           |
| Marsh Landing      | 100%                 | 720                  | Pacific Gas and Electric   | 2023           |
| Walnut Creek       | 100%                 | 485                  | Southern California Edison | 2023           |
|                    |                      | <b>1,945</b>         |                            |                |

## Utility-Scale Solar

| Projects             | Percentage Ownership | Net Capacity (MW)(a) | Offtake Counterparty       | PPA Expiration |
|----------------------|----------------------|----------------------|----------------------------|----------------|
| Agua Caliente        | 16%                  | 46                   | Pacific Gas and Electric   | 2039           |
| Alpine               | 100%                 | 66                   | Pacific Gas and Electric   | 2033           |
| Avenal               | 50%                  | 23                   | Pacific Gas and Electric   | 2031           |
| Avra Valley          | 100%                 | 26                   | Tucson Electric Power      | 2032           |
| Blythe               | 100%                 | 21                   | Southern California Edison | 2029           |
| Borrego              | 100%                 | 26                   | San Diego Gas and Electric | 2038           |
| CVSR                 | 100%                 | 250                  | Pacific Gas and Electric   | 2038           |
| Desert Sunlight 250  | 25%                  | 63                   | Southern California Edison | 2035           |
| Desert Sunlight 300  | 25%                  | 75                   | Pacific Gas and Electric   | 2040           |
| Four Brothers (b)    | 50%                  | 160                  | PacifiCorp                 | 2035           |
| Granite Mountain (b) | 50%                  | 65                   | PacifiCorp                 | 2035           |
| Iron Springs (b)     | 50%                  | 40                   | PacifiCorp                 | 2035           |
| Kansas South         | 100%                 | 20                   | Pacific Gas and Electric   | 2033           |
| Roadrunner           | 100%                 | 20                   | El Paso Electric           | 2031           |
| TA High Desert       | 100%                 | 20                   | Southern California Edison | 2033           |
|                      |                      | <b>921</b>           |                            |                |

## Distributed Solar

| Projects(c)          | Percentage Ownership | Net Capacity (MW)(a) | Offtake Counterparty | PPA Expiration |
|----------------------|----------------------|----------------------|----------------------|----------------|
| AZ DG Solar Projects | 100%                 | 5                    | Various              | 2025 - 2033    |
| Apple I LLC Projects | 100%                 | 9                    | Various              | 2032           |
|                      |                      | <b>14</b>            |                      |                |

## Thermal

| Projects                  | Percentage Ownership | Net Capacity (MW)(d) | Offtake Counterparty | PPA Expiration |
|---------------------------|----------------------|----------------------|----------------------|----------------|
| Thermal generation        | 100%                 | 123                  | Various              | Various        |
| Thermal equivalent MWt(d) | 100%                 | 1453                 | Various              | Various        |

(a) Net capacity, shown in MWac, represents the maximum, or rated, generating capacity of the facility multiplied by the Company's percentage ownership in the facility as of March 31, 2017; (b) Projects are part of tax equity arrangements; (c) Excludes capacity related to Residential Solar and Business Renewables Partnerships with NRG; (d) For thermal energy, net capacity represents MWt for steam or chilled water and includes 134 MWt available under the right-to-use provisions contained in agreements between two of the Company's thermal facilities and certain of its customers

## Other Est. Cash Flow Drivers: Based on Existing Portfolio

(\$ millions)

To increase visibility and assist in forecasting, the following table summarizes notable but lesser known CAFD drivers associated with projects and financing activities:

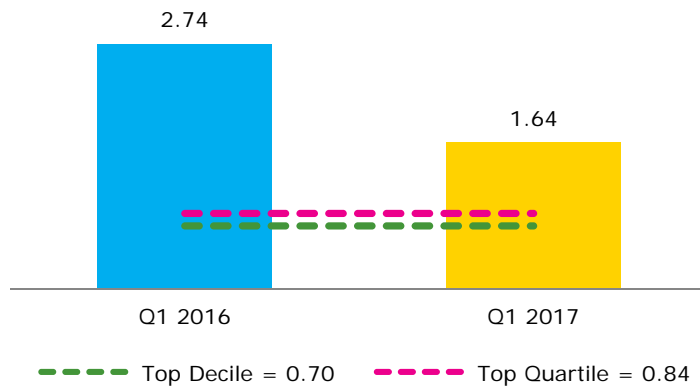
- ❖ Schedule is based on portfolio as of 3/31/17; excludes potential changes resulting from new growth investments
- ❖ 2014A to 2017E are absolute figures in results or components of current CAFD guidance. 2017E not normalized for full year contribution of year-to-date growth investments or pro forma adjusted to exclude one-time events such as forced outages
- ❖ 2018E-2020E represent YoY changes beginning with 2017E CAFD guidance
  - Excludes other potential variances in the portfolio including maintenance capex, operating costs, etc.
- ❖ Cash receipts from notes receivable for network upgrades and estimated increases in non-controlling interests from tax equity financing: proceeds will decrease over time based on terms in associated agreements
- ❖ Existing portfolio has realizable increases over time given shape of revenue payments under project PPAs or tolling agreements as well as declines in overall cash interest expense and debt amortization

|  | Actuals <sup>1</sup> |        |       | Estimated <sup>2</sup> | Est. Changes YoY |               |             |
|--|----------------------|--------|-------|------------------------|------------------|---------------|-------------|
|  | 2014                 | 2015   | 2016  |                        | 2017             | 2018          | 2019        |
| Cash receipts from notes receivable for network upgrades                             | \$8                  | \$7    | \$17  | \$16                   | (\$3)            | (\$13)        | \$0         |
| Annual change in prepaid and accrued liability vs 2017E <sup>3</sup>                 | \$0                  | (\$12) | (\$8) | (\$4)                  | \$4              | \$4           | \$5         |
| Estimated increase to non-controlling interest from Tax Equity Proceeds <sup>4</sup> | \$0                  | \$0    | \$10  | \$15                   | (\$4)            | (\$9)         | \$0         |
| Change in cash interest expense and debt amortization vs 2017E <sup>5</sup>          | n/a                  | n/a    | n/a   | n/a                    | (\$4)            | \$1           | \$8         |
| <b>Total</b>   |                      |        |       |                        | <b>(\$7)</b>     | <b>(\$17)</b> | <b>\$13</b> |

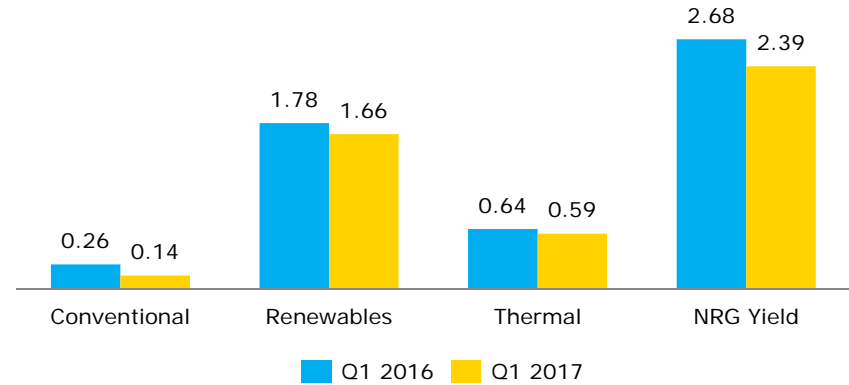
<sup>1</sup> Actuals based on year end reported results. 2014-2015 not adjusted for CVSR acquisition, 2014-2016 not adjusted for March Drop Down; <sup>2</sup> Estimated results based on current portfolio; 2017E based on guidance; <sup>3</sup> Relates to levelization of capacity payments over PPA term primarily for conventional assets; <sup>4</sup> Estimated tax equity proceeds primarily relate to TE Holdco Wind portfolio acquired in 2015 as well as Alta X and XI; estimated proceeds based on internal median wind expectations; <sup>5</sup> Based on estimated changes in scheduled debt service vs. 2017E debt service. Assumes refinancing of outstanding debt maturities if applicable

# Operational Metrics

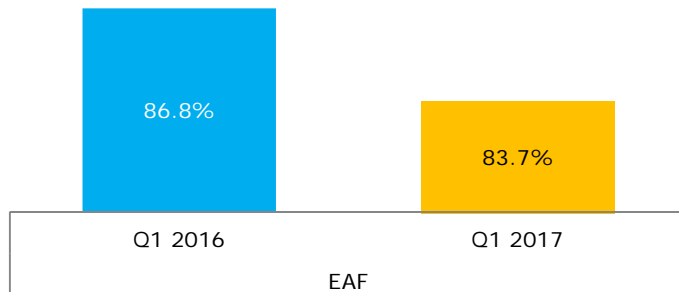
## Safety: OSHA Recordable Rate<sup>1</sup>



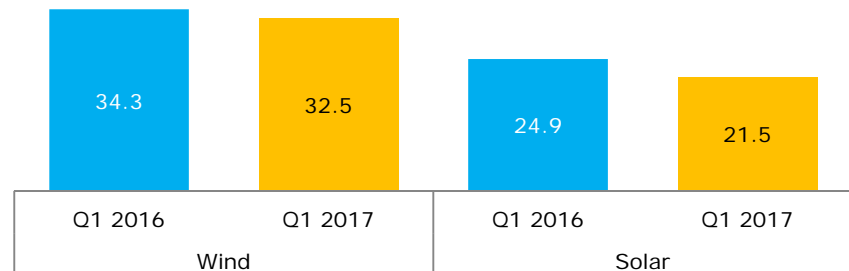
## Net Production (TWh)<sup>2</sup>



## Conventional Fleet Performance (EAF)<sup>3</sup>



## Renewable Portfolio Performance (Net Capacity Factor)<sup>4</sup>



<sup>1</sup> Top decile and top quartile based on Edison Electric Institute (EEI) 2015 Total Company Survey results; <sup>2</sup> Thermal generation is TWh thermal equivalent - includes, electricity, chilled water and steam; generation data presented above consistent with US GAAP accounting; <sup>3</sup> Equivalent Availability Factor (EAF) - percentage of time a unit was available for service during a period; <sup>4</sup> Net Capacity Factor - the percentage of actual generation to its potential output at capacity rating

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## Appendix Reg. G Schedules

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## Reg. G: Actuals

| (\$ millions)   | Three Months Ended |            |
|---|--------------------|------------|
|   | 3/31/2017          | 3/31/2016  |
| <b>Net (Loss)/Income</b>  | <b>(1)</b>         | <b>2</b>   |
| Income Tax Benefit  | (1)                | —          |
| Interest Expense, net   | 76                 | 74         |
| Depreciation and Amortization   | 75                 | 74         |
| ARO Expense   | 1                  | 1          |
| Contract Amortization   | 17                 | 23         |
| Acquisition-related transaction and integration costs   | 1                  | —          |
| Other non recurring charges   | 3                  | —          |
| Adjustments to reflect NRG Yield's pro-rata share of Adjusted EBITDA from Unconsolidated Affiliates | 13                 | 24         |
| <b>Adjusted EBITDA</b>  | <b>184</b>         | <b>198</b> |
| Cash interest paid  | (79)               | (63)       |
| Changes in prepaid and accrued liabilities for tolling agreements                                   | (36)               | (37)       |
| Pro-rata Adjusted EBITDA from unconsolidated affiliates   | (33)               | (27)       |
| Distributions from unconsolidated affiliates  | 13                 | 7          |
| All other changes in working capital  | 12                 | 11         |
| <b>Cash from Operating Activities</b>   | <b>61</b>          | <b>89</b>  |
| All other changes in working capital  | (12)               | (11)       |
| Return of investment from unconsolidated affiliates   | 16                 | 8          |
| Net contributions to non-controlling interest <sup>1</sup>  | 9                  | 5          |
| Maintenance Capital expenditures  | (4)                | (6)        |
| Principal amortization of indebtedness  | (75)               | (67)       |
| Cash receipts from notes receivable <sup>2</sup>  | 4                  | 4          |
| <b>Cash Available for Distribution (Recast)</b>   | <b>(1)</b>         | <b>22</b>  |
| Adjustment to reflect NYLD's CAFD pre drop down acquisition <sup>3, 4</sup>                         | 1                  | 23         |
| <b>Cash Available for Distribution</b>  | <b>—</b>           | <b>45</b>  |

<sup>1</sup> Includes tax equity proceeds, distributions for 25% of the NRG Wind TE Holdco, and distributions to tax equity investors; <sup>2</sup> Reimbursement of network upgrades; <sup>3</sup> Adjustment to Q1 2017 to reflect debt service paid by the Utah Solar assets prior to ownership by NRG Yield; <sup>4</sup> Adjustment to Q1 2016 to reflect the cash distribution from the CVSR project to NRG Yield while it was an unconsolidated equity investment in Q1 2016



## Reg. G: Growth Investments

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| <i>(\$ millions)</i>  | <b>Q1 2017<br/>Impact</b> |
|---|---------------------------|
| <b>Net Income</b>   | <b>12</b>                 |
| Interest Expense, net   | 3                         |
| Adjustment to reflect NRG share of Adjusted EBITDA in unconsolidated affiliates | (6)                       |
| <b>Adjusted EBITDA</b>  | <b>9</b>                  |

## Reg. G: 2017 Guidance

| <i>(\$ millions)</i>  | <b>2017 Full<br/>Year<br/>Guidance</b> | <b>Updated 2017<br/>Full Year<br/>Guidance</b> |
|---|--|--|
| <b>Net Income<sup>1</sup></b>   | <b>110</b>                             | <b>140</b>                                     |
| Income Tax Expense  | 20                                     | 25   |
| Interest Expense, net   | 310                                    | 290  |
| Depreciation, Amortization, Contract Amortization, and ARO Expense              | 355                                    | 381  |
| Other non-recurring charges   | -                                      | 4  |
| Adjustment to reflect NRG share of Adjusted EBITDA in unconsolidated affiliates | 70                                     | 80   |
| <b>Adjusted EBITDA</b>  | <b>865</b>                             | <b>920</b>                                     |
| Cash interest paid  | (280)                                  | (295)  |
| Changes in prepaid and accrued capacity payments                                | (4)                                    | (4)  |
| Pro-rata Adjusted EBITDA from unconsolidated affiliates                         | (108)                                  | (175)  |
| Distributions from unconsolidated affiliates                                    | 75                                     | 111  |
| <b>Cash from Operating Activities</b>   | <b>548</b>                             | <b>557</b>                                     |
| Net contributions from non-controlling interest <sup>2</sup>                    | 1                                      | 1  |
| Maintenance Capital expenditures  | (27)                                   | (29)   |
| Principal amortization of indebtedness  | (283)                                  | (291)  |
| Cash receipts from notes receivable <sup>3</sup>                                | 16                                     | 16   |
| <b>Cash Available for Distribution (Recast)</b>                                 | <b>255</b>                             | <b>254</b>                                     |
| Adjustment to reflect NYLD's CAFD pre drop down acquisition <sup>4</sup>        | -                                      | 1  |
| <b>Cash Available for Distribution</b>  | <b>255</b>                             | <b>255</b>                                     |

<sup>1</sup> Net Income guidance assumes \$0 impact for mark-to-market accounting for derivatives; <sup>2</sup> Includes tax equity proceeds, distributions for 25% of the NRG Wind TE Holdco, and distributions to tax equity investors; <sup>3</sup> Reimbursement of network upgrades; <sup>4</sup> Adjustment to Q1 2017 to reflect debt service paid by the Utah Solar assets prior to ownership by NRG Yield

## Reg. G

EBITDA and Adjusted EBITDA are non-GAAP financial measures. These measurements are not recognized in accordance with GAAP and should not be viewed as an alternative to GAAP measures of performance. The presentation of Adjusted EBITDA should not be construed as an inference that NRG Yield's future results will be unaffected by unusual or non-recurring items.

- EBITDA represents net income before interest (including loss on debt extinguishment), taxes, depreciation and amortization. EBITDA is presented because NRG Yield considers it an important supplemental measure of its performance and believes debt and equity holders frequently use EBITDA to analyze operating performance and debt service capacity. EBITDA has limitations as an analytical tool, and you should not consider it in isolation, or as a substitute for analysis of our operating results as reported under GAAP. Some of these limitations are:
- EBITDA does not reflect cash expenditures, or future requirements for capital expenditures, or contractual commitments;
- EBITDA does not reflect changes in, or cash requirements for, working capital needs;
- EBITDA does not reflect the significant interest expense, or the cash requirements necessary to service interest or principal payments, on debt or cash income tax payments;
- Although depreciation and amortization are non-cash charges, the assets being depreciated and amortized will often have to be replaced in the future, and EBITDA does not reflect any cash requirements for such replacements; and
- Other companies in this industry may calculate EBITDA differently than NRG Yield does, limiting its usefulness as a comparative measure.

Because of these limitations, EBITDA should not be considered as a measure of discretionary cash available to use to invest in the growth of NRG Yield's business. NRG Yield compensates for these limitations by relying primarily on our GAAP results and using EBITDA and Adjusted EBITDA only supplementally. See the statements of cash flow included in the financial statements that are a part of this news release.

Adjusted EBITDA is presented as a further supplemental measure of operating performance. Adjusted EBITDA represents EBITDA adjusted for mark-to-market gains or losses, asset write offs and impairments; and factors which we do not consider indicative of future operating performance. The reader is encouraged to evaluate each adjustment and the reasons NRG Yield considers it appropriate for supplemental analysis. As an analytical tool, Adjusted EBITDA is subject to all of the limitations applicable to EBITDA. In addition, in evaluating Adjusted EBITDA, the reader should be aware that in the future NRG Yield may incur expenses similar to the adjustments in this news release.

Management believes Adjusted EBITDA is useful to investors and other users of our financial statements in evaluating our operating performance because it provides them with an additional tool to compare business performance across companies and across periods. This measure is widely used by investors to measure a company's operating performance without regard to items such as interest expense, taxes, depreciation and amortization, which can vary substantially from company to company depending upon accounting methods and book value of assets, capital structure and the method by which assets were acquired.

Additionally, Management believes that investors commonly adjust EBITDA information to eliminate the effect of restructuring and other expenses, which vary widely from company to company and impair comparability. As we define it, Adjusted EBITDA represents EBITDA adjusted for the effects of impairment losses, gains or losses on sales, dispositions or retirements of assets, any mark-to-market gains or losses from accounting for derivatives, adjustments to exclude gains or losses on the repurchase, modification or extinguishment of debt, and any extraordinary, unusual or non-recurring items plus adjustments to reflect the Adjusted EBITDA from our unconsolidated investments. We adjust for these items in our Adjusted EBITDA as our management believes that these items would distort their ability to efficiently view and assess our core operating trends.

In summary, our management uses Adjusted EBITDA as a measure of operating performance to assist in comparing performance from period to period on a consistent basis and to readily view operating trends, as a measure for planning and forecasting overall expectations and for evaluating actual results against such expectations, and in communications with our Board of Directors, shareholders, creditors, analysts and investors concerning our financial performance.

Cash Available for Distribution (CAFD) is adjusted EBITDA plus cash distributions from unconsolidated affiliates, cash receipts from notes receivable, less cash distributions to noncontrolling interests, maintenance capital expenditures, pro-rata adjusted EBITDA from unconsolidated affiliates, cash interest paid, income taxes paid, principal amortization of indebtedness, and changes in prepaid and accrued capacity payments. Management believes cash available for distribution is a relevant supplemental measure of the Company's ability to earn and distribute cash returns to investors.

We believe cash available for distribution is useful to investors in evaluating our operating performance because securities analysts and other interested parties use such calculations as a measure of our ability to make quarterly distributions. In addition, cash available for distribution is used by our management team for determining future acquisitions and managing our growth. The GAAP measure most directly comparable to cash available for distribution is cash provided by operating activities.

However, cash available for distribution has limitations as an analytical tool because it does not include changes in operating assets and liabilities and excludes the effect of certain other cash flow items, all of which could have a material effect on our financial condition and results from operations. Cash available for distribution is a non GAAP measure and should not be considered an alternative to cash provided by operating activities or any other performance or liquidity measure determined in accordance with GAAP, nor is it indicative of funds available to fund our cash needs. In addition, our calculations of cash available for distribution are not necessarily comparable to cash available for distribution as calculated by other companies. Investors should not rely on these measures as a substitute for any GAAP measure, including cash provided by operating activities.