

3Q 2015 Results

November 10, 2015



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With the exception of historical information, the matters disclosed in this presentation are forward-looking statements. Such statements involve certain risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements. Potential risks and uncertainties are described in the Company's filings with the Securities and Exchange Commission (SEC), including our Registration Statement on Form S-1 and our Quarterly Reports on Form 10-Q, as well as other filings with the SEC, in addition to the risks and uncertainties described on page 3 of this presentation. These forward-looking statements represent the Company's judgment as of the date of this presentation. The Company disclaims, however, any intent or obligation to update these forward-looking statements, except as required by law.

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By their nature, forward-looking statements are subject to risks and uncertainties that could cause actual results to differ materially from those suggested by the forward-looking statements. Factors that might cause such differences include, but are not limited to, our ability to integrate the projects we acquire from third parties or otherwise realize the anticipated benefits from such acquisitions; actions of third parties, including but not limited to the failure of SunEdison or other counterparties to fulfill their obligations; price fluctuations, termination provisions and buyout provisions in offtake agreements; delays or unexpected costs during the completion of projects under construction; our ability to successfully identify, evaluate and consummate acquisitions from SunEdison or third parties or changes in expected timing of any acquisitions; regulatory requirements and incentives for production of renewable power; operating and financial restrictions under agreements governing indebtedness; the condition of capital markets and our ability to borrow additional funds and access capital markets; our ability to compete against traditional and renewable energy companies; hazards customary to the power production industry and power generation operations, such as unusual weather conditions and outages; and economic, social and political risks and uncertainties inherent in international operations, including our operations in emerging markets, the impact of foreign exchange rate fluctuations, the imposition of currency controls and restrictions on repatriation of earnings and cash, protectionist and other adverse public policies, including local content requirements, import/export tariffs, increased regulations or capital investment requirements; international business practices that may conflict with other customs or legal requirements to which we are subject, inability to obtain, maintain or enforce intellectual property rights, and being subject to the jurisdiction of courts other than those of the United States, including uncertainty of judicial processes and difficulty enforcing contractual agreements or judgments in foreign legal systems or incurring additional costs to do so. Furthermore, any dividends are subject to available capital, market conditions, and compliance with associated laws and regulations. Many of these factors are beyond TerraForm Global's control.

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Section 1: Executive Summary



3Q Executive Summary

Focused on Operational Execution to Form Initial IPO Portfolio

- Closed on 426 MW during 3Q, fleet stands at 677 MW as of 9/30
- FERSA acquisition completed on October 7, bringing fleet capacity to 779 MW
- Estimated run-rate CAFD from power plants of \$139M¹
- High-quality, contracted portfolio with creditworthy offtakers
- Long term contracts: ~19 years average remaining contract life²

Cash on Hand of \$1.1B, to be Deployed to Support \$1.10 DPS

- Continue to progress on pending transactions
- Additionally, GLBL has full \$485M revolver availability
- From the \$1.1B cash, we intend to use \$84M to delever projects in the 677 MW portfolio

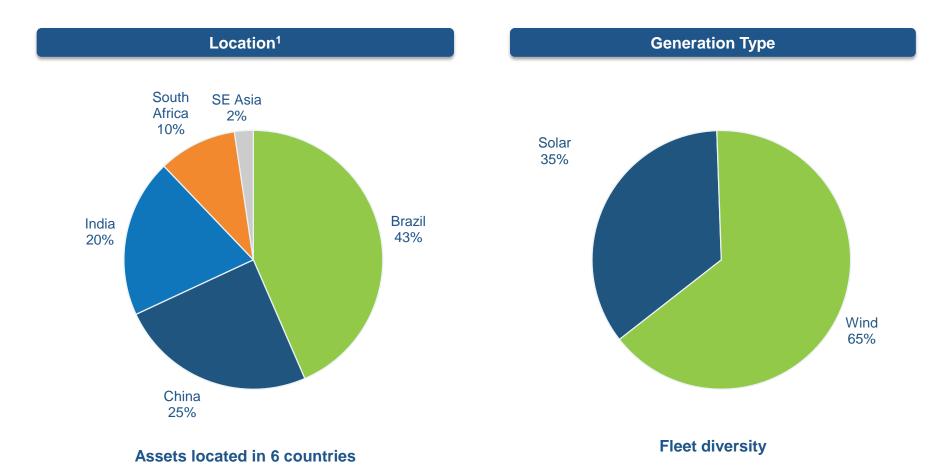
Current Fleet of Assets Delivered 3Q CAFD of \$24M

- Declaring 3Q Dividend of \$0.17 per share of Class A Common Stock
 - \$0.275 pro-rated for partial quarter; \$1.10 annualized



Includes run-rate CAFD from 779 MW of power plants. CAFD includes 9/30/15 portfolio, completed FERSA transaction, and assumes continued delevering and lien
removal on Renova assets. Renova projects Bahia and Salvador have estimated CAFD of \$58M, subject to liens relating to Renova corporate debt. Liens are required
to be released by January 31, 2016 and are secured by GLBL shares issued to Renova.

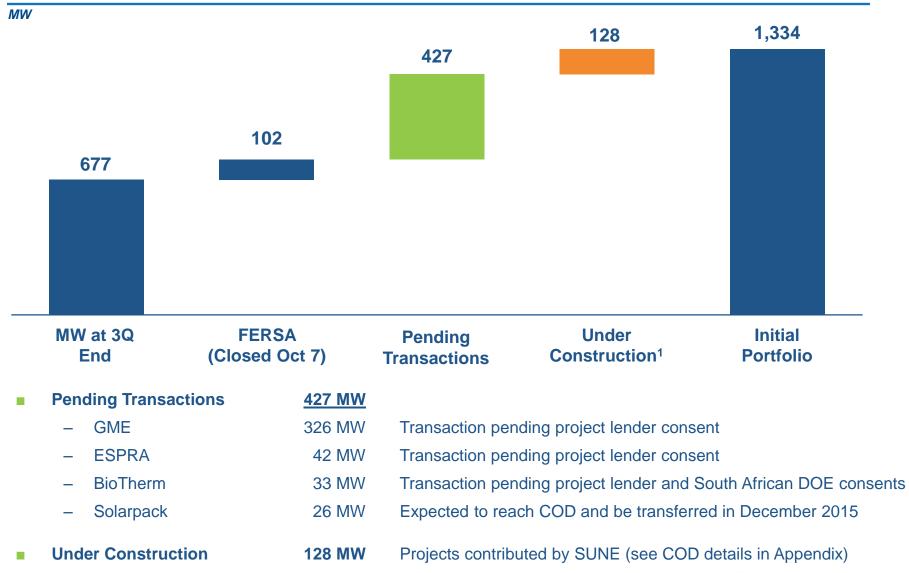
Overview of 3Q Portfolio of 677 MW



■ FERSA acquisition (3 wind projects located in India) closed on October 7, 2015 and brings total fleet capacity to 779 MW



Current View of Initial Portfolio Formation







Section 2: 3Q Results & Financial Update



3Q 2015 Results Overview

US\$M, unless otherwise noted

| Metric | Result |
|-----------------------------|-------------------------|
| MW Owned – Quarter End | 677 |
| GWh Produced | 247 |
| Capacity Factor | 20% |
| Revenue / MWh | \$132 |
| Revenue | \$29 |
| Adjusted EBITDA | \$24 |
| CAFD | \$24 |
| Dividend Per Share (DPS) | \$0.1704 (pro-rated) |

Highlights

- Focused on operational execution to form initial portfolio
 - Closed on 426 MW during the quarter since IPO
 - Additional transactions to be closed to reach stated initial IPO portfolio
- \$24M CAFD in line with IPO expectations
 - Driven by balanced portfolio with generation and geographic mix
 - Wind performance better than expectations
 - Portfolio currently stands at estimated
 \$139M run-rate CAFD from power plants¹
- \$1.5M CAFD benefit as a result of FX hedging strategy
- \$0.17 pro-rated DPS represents a partial quarter relative to annualized \$1.10 DPS



Includes run-rate CAFD from 779 MW of power plants. CAFD includes 9/30/15 portfolio, completed FERSA transaction, and assumes continued delevering and lien
removal on Renova assets. Renova projects Bahia and Salvador have estimated CAFD of \$58M, subject to liens relating to Renova corporate debt. Liens are required
to be released by January 31, 2016 and are secured by GLBL shares issued to Renova.

Pro Forma Liquidity Position



- Pro forma liquidity of ~\$700M after committed acquisitions and delevering completed
- 3Q dividend payment of \$20M to be paid in mid-December
- Plan to deploy \$84M of \$1,060M cash on hand to continue to delever 677 MW portfolio



Excludes \$48M in unrestricted project-level cash and \$178M in current and non-current restricted cash at the project level, in escrow, or committed for construction projects.

^{2.} Revolver draws subject to leverage tests and other conditions.

Current Portfolio Supports Class A Dividend

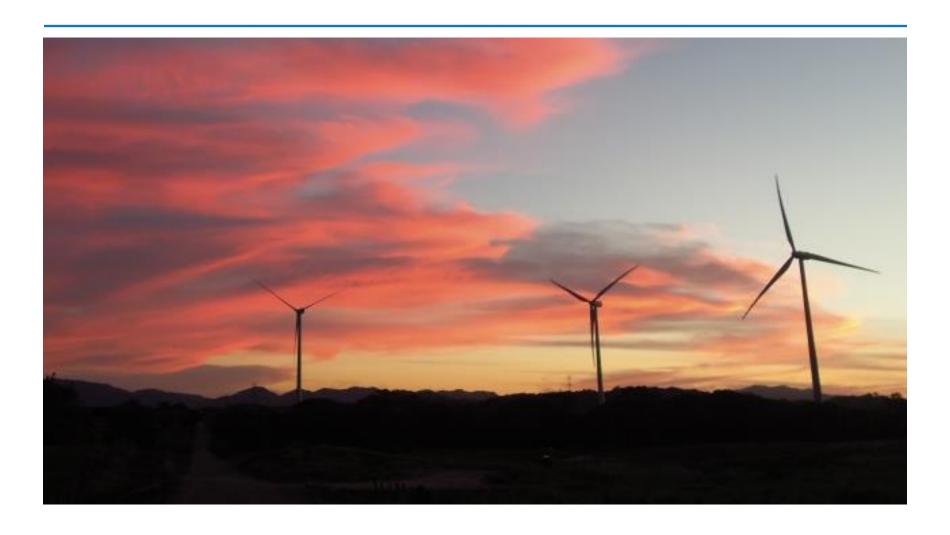


- Sufficient visibility for dividend coverage based on the current estimated run-rate CAFD from power plants of \$139M
- Current estimated run-rate CAFD from power plants of \$139M is greater than the \$128M required to cover \$1.10 DPS to Class A Common Stock
- Moreover, SUNE's right to distributions is subject to forbearance and subordination to Class A Common Stock
 - Forbearance: SUNE to receive no dividends through 4Q 2016
 - Subordination: SUNE is subordinated to Class A Common Stock until a dividend of \$1.10 DPS is paid to all holders of Class A, B and B-1 stock for a minimum of 3 years, ending no earlier than 2Q 2018

Sufficient Visibility for Dividend Coverage Based on Current Estimated \$139M Run-Rate CAFD



^{2.} Assumes 117M Class A shares outstanding and \$1.10 DPS.



Appendix



Construction Update

| Portfolio | Country | MW | COD | Status |
|--------------|----------|-----|---------|--------------------|
| NPS Star 1-3 | Thailand | 18 | 1Q 2016 | Under construction |
| WXA 1-3 | Thailand | 18 | 1Q 2016 | Under construction |
| Del Litoral | Uruguay | 17 | 1Q 2016 | Under construction |
| Bora Bora | India | 18 | 1Q 2016 | Under construction |
| El Naranjal | Uruguay | 57 | 2Q 2016 | Under construction |
| Totals | | 128 | | |

- All assets are part of IPO initial portfolio and are expected to be transferred to GLBL at COD
- SUNE Dividend Forbearance period lasts through 4Q 2016, covering the expected construction period for the above projects



Reg G: 2015 Reconciliation of Net Income to EBITDA

US\$M, unless otherwise noted

| For the quarter ended 9/30/2015 | Amount (\$M) |
|---|--------------|
| Net loss | (\$83) |
| Depreciation, amortization and accretion | 7 |
| Interest expense, net | 40 |
| Income tax expense | 0 |
| Stock based compensation | 0 |
| Other | |
| Loss on foreign currency exchange | 35 |
| Acquisition, formation and related costs ² | 15 |
| General and administrative- affiliate ³ | 6 |
| Other expense, net | 3 |
| Loss on extinguishment of debt | 1 |
| Adjusted EBITDA ¹ | \$24 |

Note: A Reg G reconciliation to the financial statements in the 10-Q will be included in the 10-Q.

- 1. Adjusted EBITDA and cash available for distribution are non-GAAP measures. You should not consider these measures as alternatives to net income (loss), determined in accordance with GAAP, or net cash provided by operating activities, determined in accordance with GAAP.
- 2. Category represents transaction related costs, including affiliate acquisition costs, associated with the acquisitions; and non-recurring professional fees for legal, tax and accounting services incurred in connection with the IPO completed during the three months ended 9/30/2015.
- 3. Represents the non-cash allocation of SunEdison's corporate overhead. In conjunction with the closing of the IPO on August 5, 2015, we entered into the MSA with SunEdison, pursuant to which SunEdison provides or arranges for other service providers to provide management and administrative services to us. No cash consideration was paid to SunEdison for these services for the three months ended September 30, 2015.

Reg G: 2015 Reconciliation of Cash from Operations to CAFD

US\$M, unless otherwise noted

| For the quarter ended 9/30/2015 | Amount (\$M) |
|--|--------------|
| Cash from Operations | (\$30) |
| Changes in assets and liabilities | (27) |
| Deposits into/withdrawals from restricted cash accounts | 17 |
| Cash distributions to non-controlling interests | - |
| Scheduled project level and other debt service and repayments | (2) |
| Non-expansionary capital expenditures | (0) |
| Contributions pursuant to agreement from SunEdison | - |
| Other | |
| Economic ownership adjustment ² | 4 |
| Acquisition, formation and related costs | 15 |
| General and administrative- affiliate | 6 |
| Change in accrued interest ³ | 25 |
| Reclass of realized loss on foreign currency contracts ⁴ | 20 |
| Reclass of realized foreign currency exchange related to operations ⁴ | 2 |
| Other | (6) |
| Estimated cash available for distribution (CAFD) ¹ | \$24 |

Note: A Reg G reconciliation to the financial statements in the 10-Q will be included in the 10-Q.

- 1. Adjusted EBITDA and cash available for distribution are non-GAAP measures. You should not consider these measures as alternatives to net income (loss), determined in accordance with GAAP, or net cash provided by operating activities, determined in accordance with GAAP.
- 2. Item represents economic ownership of certain acquired operating assets that accrued to GLBL prior to the acquisition close date.
- 3. Item represents the non-cash allocation of SunEdison's corporate overhead. In conjunction with the closing of the IPO on 8/5/2015, we entered into the MSA with SunEdison, pursuant to which SunEdison provides or arranges for other service providers to provide management and administrative services to us. No cash consideration was paid to SunEdison for these services for the three months ended 9/30/2015.
- 4. Items represent the reclass of settled FX gain/loss included in net income but shown in the investing section of the cash flow statement.



