UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of November, 2015

Commission File Number 001-36487

Abengoa Yield plc

(Exact name of Registrant as Specified in its Charter)

Not Applicable (Translation of Registrant's name into English)

Great West House, GW1, 17th floor Great West Road Brentford, TW8 9DF United Kingdom Tel.: +44 20 7098 4384

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

⊠ Form 20-F □ Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

ABENGOA YIELD

The sustainable total return company

Abengoa Yield reports third quarter 2015 results and declares quarterly dividend

- Strong Further Adjusted EBITDA including unconsolidated affiliates of \$218.6 million in the third quarter, a 37% increase quarter-over-quarter.
- · Very good CAFD generation of \$58.6 million, a 31% increase quarter-over-quarter.
- · Quarterly dividend approved by the Board of Directors, for a total amount of \$0.43 per share, a 66% increase over the same quarter of 2014.
- · Solid performance of our assets across all geographies and business segments.
- · 2015 and 2016 guidance reaffirmed, achievable with current portfolio.

Third Quarter Results

November 6th, 2015 - Abengoa Yield (NASDAQ: ABY), the sustainable total return company that owns a diversified portfolio of contracted assets in the energy and environment sectors, reported revenues of \$575.9 million for the nine months ended September 30, 2015, representing a 114% increase y-o-y and Further Adjusted EBITDA including unconsolidated affiliates of \$483.4 million, representing a 114% increase compared to the same period of 2014. Cash Available for Distribution for the nine month period reached \$141.7 million, with a contribution of \$58.6 million in the third quarter.

Selected Financial Results

| (in thousands of U.S. dollars) | Nine months ended September 30, | | | |
|-------------------------------------------------------------|---------------------------------|----|----------|--|
| | 2015 | | 2014 | |
| Revenue | \$ 575,914 | \$ | 269,313 | |
| Further Adjusted EBITDA including unconsolidated affiliates | 483,435 | | 226,425 | |
| Net Income/ (loss) attributable to the parent company | 25,195 | | (13,840) | |
| Cash Available for Distribution | \$ 141,671 | \$ | 28,127 | |
| | | | | |

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Key Performance Indicators

As of and for the nine-month period ended September 30

| | 30, | |
|-----------------------------------------------|--------|--------|
| | 2015 | 2014 |
| Renewable energy | | |
| MW in operation ¹ | 1,441 | 430 |
| GWh produced | 2,041 | 718 |
| | | |
| Conventional power | | |
| MW in operation ¹ | 300 | 300 |
| GWh produced | 1,845 | 1,845 |
| Availability (%) | 101.8% | 102.4% |
| | | |
| Electric transmission lines | | |
| Miles in operation | 1,099 | 1,018 |
| Availability (%) | 99.7% | 100.0% |
| | | |
| Water | | |
| Capacity (Mft ³ /day) ¹ | 10.5 | _ |
| Availability (%) | 101.1% | _ |
| | | |

Segment Results

| (in thousands of U.S. dollars) | Nine months ended September 30, | | | |
|--------------------------------|---------------------------------|---------|------|---------|
| | 2 | 2015 | 2014 | |
| Revenue by Geography | | | | |
| North America | \$ | 259,811 | \$ | 146,862 |
| South America | | 80,249 | | 60,578 |
| EMEA | | 235,854 | | 61,873 |
| Total revenue | \$ | 575,914 | \$ | 269,313 |

| (in thousands of U.S. dollars) | | Nine months ended September 30 | | | | |
|--------------------------------|----|--------------------------------|-------------|---------|--|--|
| | | 2015 | | 2014 | | |
| Revenue by business sector | - | | | | | |
| Renewable energy | \$ | 397,83 | 9 \$ | 129,882 | | |
| Conventional power | | 100,01 | .5 | 85,209 | | |
| Electric transmission lines | | 61,28 | 34 | 54,222 | | |
| Water | | 16,77 | 76 | | | |
| Total revenue | \$ | 575,9 1 | 4 \$ | 269,313 | | |
| | = | · · · | | | | |

¹ Represents total installed capacity in assets owned at the end of the period, regardless of the stake in each of the assets.

| (in thousands of U.S. dollars) | Nine months ended September 30, | | | | | |
|---------------------------------------------------------------------|---------------------------------|---------|----|---------|--|--|
| | | 2014 | | | | |
| Further Adjusted EBITDA inc. unconsolidated affiliates by Geography | | | | | | |
| North America | \$ | 232,036 | \$ | 132,701 | | |
| South America | | 80,794 | | 53,789 | | |
| EMEA | | 170,605 | | 39,935 | | |
| Total Further Adjusted EBITDA inc. unconsolidated affiliates | \$ | 483 435 | \$ | 226 425 | | |

| (in thousands of U.S. dollars) | | er 30, | | |
|---------------------------------------------------------------------------|----|---------|----|---------|
| | | 2015 | | 2014 |
| Further Adjusted EBITDA inc. unconsolidated affiliates by business sector | | | | |
| Renewable energy | \$ | 322,135 | \$ | 104,689 |
| Conventional power | | 80,256 | | 73,385 |
| Electric transmission lines | | 64,740 | | 48,351 |
| Water | | 16,304 | | |
| Total Further Adjusted EBITDA inc. unconsolidated affiliates | \$ | 483,435 | \$ | 226,425 |

Our assets continued to show solid performance during this quarter, resulting in Further Adjusted EBITDA including unconsolidated affiliates of \$218.6 million, operating cash flow of \$157.9 million and Cash Available for Distribution of \$58.6 million in the quarter.

Production in our renewable energy assets increased by 184% compared with the same period of 2014 as a result of the contribution of recently acquired assets and successful ramp-up in our youngest assets, reaching more than 2,000 GWh produced in the nine-month period.

Wind assets in Uruguay, representing a small portion of our portfolio, are recovering from the first half of the year of low wind due to excellent performance and higher wind resource. The solar portfolio has performed in line with expectations. In particular, Mojave and Kaxu, the youngest solar assets, are going through the final phase of the ramp-up period. In conventional power, performance continues being excellent, with availability levels above contractual requirements. Finally, our electric transmission lines and water desalination assets continue being above target availability levels as well.

Quarterly Dividend Announced

On November 5, 2015, the Board of Directors approved a quarterly dividend corresponding to the third quarter of 2015 amounting to \$0.43 per share. This dividend is expected to be paid on or about December 15, 2015 to shareholders of record on November 30, 2015.

Liquidity and Debt

As of September 30, 2015, consolidated cash and cash equivalents amounted to \$662.5 million, of which \$43.6 million were at the Abengoa Yield corporate level.

Net project debt amounted to $$5,087.8^2$ million (\$3,624.3 million as of December 31, 2014) and net corporate debt amounted to \$625.1 million as of September 30, 2015 (\$223.1 million as of December 31, 2014). This represents a Net Corporate Debt / CAFD pre-corporate debt service ratio of $2.2x^3$.

Acquisitions Update

Since our last earnings call, we have closed the acquisition of Solaben 1/6, a 100 MW solar power platform in Spain that has been in operation since 2013, showing a solid operational track record. This acquisition was financed with Tranche B of the revolving credit facility, which matures in December 2017.

Guidance Reaffirmed

Abengoa Yield reaffirms its guidance on Dividend per Share of \$1.60 for 2015 and Dividend per Share in the range of \$2.10 to \$2.15 for 2016. We believe that this guidance is achievable with the current portfolio of assets.

Strategic Priorities

Javier Garoz, CEO of Abengoa Yield, said "We are very pleased today to announce strong results for the quarter. Considering the challenging market conditions we are currently facing, we believe we need to focus on operational performance to generate expected cash flows. In addition, we want to reinforce our autonomy from Abengoa and become a completely independent entity, including a new brand to be announced in the following weeks. We also intend to hire a new CFO that is non-affiliated with Abengoa. Furthermore, we are initiating a search process for a new sponsor that will complement Abengoa's source of growth, keeping growth in the U.S. market our priority. We are very confident that solid execution combined with our plan to work towards obtaining a new pipeline of contracted assets will permit us to recover the growth path soon."

Details of the Results Presentation Conference

Abengoa Yield's CEO, Javier Garoz, and its Head of Investor Relations, Leire Perez, will hold a conference call today, November 6, at 8:30 am EST.

In order to access the conference call participants should dial: +1 866 388 1927 (US) / +44 (0) 2030 092 454 (UK). A live webcast of the conference call will be available on Abengoa Yield's corporate website (www.abengoayield.com). Please visit the website at least 15 minutes early in order to register for the live webcast and download any necessary audio software.

About Abengoa Yield

Abengoa Yield is a total return company that owns a diversified portfolio of contracted renewable energy, power generation, electric transmission and water assets in North America, South America and certain markets in EMEA. We focus on providing a predictable and growing quarterly dividend to our shareholders.

Forward-Looking Statements

This news release contains forward-looking statements. These forward-looking statements include, but are not limited to, all statements other than statements of historical facts contained in this prospectus, including, without limitation, those regarding our future financial position and results of operations, our strategy, plans, objectives, goals and targets, future developments in the markets in which we operate or are seeking to operate or anticipated regulatory changes in the markets in which we operate or intend to operate. In some cases, you can identify forward-looking statements by terminology such as "aim," "anticipate," "believe," "continue," "could," "estimate," "expect," "forecast," "guidance," "intend," "is likely to," "may," "plan," "potential," "predict," "projected," "should" or "will" or the negative of such terms or other similar expressions or terminology. By their nature, forward-looking statements involve risks and uncertainties because they relate to events and depend on circumstances that may or may not occur in the future. Our actual results of operations, financial condition and the development of events may differ materially from (and be more negative than) those made in, or suggested by, the forward-looking statements.

² Pro forma of the repayment of current portion of Mojave project debt with the proceeds of the ITC cash grant.

³ Based on 2016 CAFD pre-corporate debt service of \$287 million.

Factors that could cause actual results to differ materially from those contemplated above include, among others, general economic conditions, changes in government expenditure budgets, challenges in making acquisitions, changes in public support of renewable energy, weather conditions, legal challenges to regulations, changes to subsidies and incentives that support renewable energy sources, government regulations, the volatility of energy and fuel prices, counterparty credit risk, failure of customers to perform under contracts, our ability to enter into new contracts as existing contracts expire, reliance on third-party contractors and suppliers, changes to our relationship with Abengoa S.A., failure of newly constructed assets to perform as expected, failure to receive dividends from assets, changes in our tax position, unanticipated outages at our generation facilities, the condition of capital markets generally, our ability to access capital markets, adverse results in current and future litigation and our ability to maintain and grow our quarterly dividends. Furthermore, any dividends are subject to available capital, market conditions, and compliance with associated laws and regulations. These factors should be considered in connection with information regarding risks and uncertainties that may affect Abengoa Yield's future results included in Abengoa Yield's filings with the U.S. Securities and Exchange Commission at www.sec.gov.

Abengoa Yield undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or developments or otherwise.

The guidance included in this press release is an estimate as of November 6, 2015. This estimate is based on assumptions believed to be reasonable as of that date. Abengoa Yield disclaims any obligation to update such guidance, except as required by law.

Consolidated Statements of Operations (Amounts in thousands of U.S. dollars)

| | For the three-month period ended September 30, | | |] | | nonth period ended ember 30, | | |
|---------------------------------------------------------------------------|---------------------------------------------------|----------|----|----------|----|---------------------------------|----|-----------|
| | | 2015 | | 2014 | | 2015 | | 2014 |
| Revenue | \$ | 267,345 | \$ | 99,505 | \$ | 575,914 | \$ | 269,313 |
| Other operating income | Ψ | 18,400 | Ψ | 9,777 | Ψ | 54,776 | Ψ | 69,193 |
| Raw materials and consumables used | | (16,801) | | (3,300) | | (41,002) | | (15,383) |
| Employee benefit expenses | | (1,083) | | (68) | | (2,877) | | (1,862) |
| Depreciation, amortization, and impairment charges | | (73,642) | | (29,685) | | (183,992) | | (86,881) |
| Other operating expenses | | (55,933) | | (21,261) | | (126,396) | | (99,436) |
| Operating profit/(loss) | \$ | 138,286 | \$ | 54,968 | \$ | 276,423 | \$ | 134,944 |
| Financial income | | (53) | | 1,858 | | 3,464 | | 3,200 |
| Financial expense | | (98,567) | | (47,625) | | (234,852) | | (151,625) |
| Net exchange differences | | 2,759 | | 4,116 | | 1,286 | | 3,408 |
| Other financial income/(expense), net | | 1,407 | | 3,739 | | 5,738 | | 2,441 |
| Financial expense, net | \$ | (94,454) | \$ | (37,912) | \$ | (224,364) | \$ | (142,576) |
| Share of profit/(loss) of associates carried under the equity | | | | <u> </u> | | | | |
| method | | 1,288 | | (173) | | 4,630 | | (602) |
| Profit/(loss) before income tax | \$ | 45,120 | \$ | 16,883 | \$ | 56,689 | \$ | (8,234) |
| Income tax | | (15,981) | | (1,419) | | (22,409) | | (4,125) |
| Profit/(loss) for the period | \$ | 29,139 | \$ | 15,464 | \$ | 34,280 | \$ | (12,359) |
| Loss/(profit) attributable to non-controlling interests | | (3,271) | | (1,071) | | (9,085) | | (1,481) |
| Profit/(loss) for the period attributable to the Company | \$ | 25,868 | \$ | 14,393 | \$ | 25,195 | \$ | (13,840) |
| | | | | | | | | |
| Less: Predecessor Loss prior to Initial Public Offering on June 13, 2014 | | | | | | | | (28,233) |
| Net profit attributable to Abengoa Yield Plc. subsequent to | | | | | | | | (_0,_00) |
| Initial Public Offering | | | | | | | | 14,393 |
| | | | | | | | | |
| Weighted average number of ordinary shares outstanding | | 100,217 | | 00.000 | | 00 222 | | 00.000 |
| (thousands) Basic earnings per share attributable to Abengoa Yield plc | | 100,217 | | 80,000 | | 90,332 | | 80,000 |
| (U.S. dollar per share) | \$ | 0.26 | \$ | 0.18 | \$ | 0.28 | \$ | 0.18 |
| | | | | | | | | 7 |

Consolidated Statement of Financial Position

(Amounts in thousands of U.S. dollars)

| Assets | As o | As of December 31, 2014 | | |
|----------------------------------------------|---------------------|----------------------------|--------------------|-----------|
| Non-current assets | | | | |
| Contracted concessional assets | \$ | 9,566,445 | \$ | 6,725,178 |
| Investments carried under the equity method | | 50,347 | | 5,711 |
| Financial investments | | 299,662 | | 373,561 |
| Deferred tax assets | | 208,037 | | 124,210 |
| Total non-current assets | \$ | 10,124,491 | \$ | 7,228,660 |
| Current assets | | | | |
| Inventories | | 15,479 | | 22,068 |
| Clients and other receivables | | 281,476 | | 129,696 |
| Financial investments | | 571,454 | | 229,417 |
| Cash and cash equivalents | | 662,508 | | 354,154 |
| Total current assets | \$ | 1,530,917 | \$ | 735,335 |
| Total assets | \$ | 11,655,408 | \$ | 7,963,995 |
| Equity and liabilities | As of September 30, | | As of December 31, | |
| | | 2015 | | 2014 |
| Equity attributable to the Company | | | | |
| Share capital | \$ | 10,022 | \$ | 8,000 |
| Parent company reserves | | 2,357,211 | | 1,790,135 |
| Other reserves | | (53,898) | | (15,539) |
| Accumulated currency translation differences | | (65,992) | | (28,963) |
| Retained Earnings | | (111,180) | | (2,031) |
| Non-controlling interest | | 141,807 | | 88,029 |
| Total equity | \$ | 2,277,970 | \$ | 1,839,631 |
| Non-current liabilities | | | | |
| Long-term corporate debt | | 661,119 | | 376,160 |
| Long-term project debt | | 5,467,491 | | 3,491,877 |
| Grants and other liabilities | | 1,709,802 | | 1,367,601 |
| Related parties | | 153,115 | | 77,961 |
| Derivative liabilities | | 432,539 | | 168,931 |
| Deferred tax liabilities | | 77,413 | | 60,818 |
| Total non-current liabilities | \$ | 8,501,479 | \$ | 5,543,348 |
| Current liabilities | | | | |
| Short-term corporate debt | | 7,627 | | 2,255 |
| Short-term project debt | | 575,069 | | 331,189 |
| Trade payables and other current liabilities | | 267,051 | | 231,132 |
| Income and other tax payables | | 26,212 | | 16,440 |
| Total current liabilities | \$ | 875,959 | \$ | 581,016 |
| Total equity and liabilities | \$ | 11,655,408 | \$ | 7,963,995 |

Consolidated Cash Flow Statements (Amounts in thousands of U.S. dollars)

| | For the three-month period ended September 30, | | | | | | month period ended tember 30, | |
|---------------------------------------------------------|---------------------------------------------------|-----------|----|----------|----|-----------|----------------------------------|-----------|
| | | 2015 | | 2014 | | 2015 | | 2014 |
| Profit/(loss) for the period | \$ | 29,139 | \$ | 15,464 | \$ | 34,280 | \$ | (12,359) |
| Financial expense and non-monetary adjustments | | 168,702 | | 49,892 | | 374,805 | | 205,157 |
| Profit for the period adjusted by financial expense and | | | | | | | | |
| non-monetary adjustments | \$ | 197,841 | \$ | 65,356 | \$ | 409,085 | \$ | 192,798 |
| Variations in working capital | | 6,304 | | 17,197 | | 6,683 | | (113,020) |
| Net interest and income tax paid | | (46,161) | | (15,078) | | (178,475) | | (81,799) |
| Net cash provided by/(used in) operating activities | \$ | 157,984 | \$ | 67,475 | \$ | 237,293 | \$ | (2,021) |
| Investment in contracted concessional assets | | (6,627) | | (4,640) | | (99,797) | | (81,937) |
| Other non-current assets/liabilities | | 4,714 | | | | 7,857 | | (2,283) |
| Acquisitions of subsidiaries | | (275,298) | | | | (757,143) | | |
| Net cash used in investing activities | \$ | (277,211) | \$ | (4,640) | \$ | (849,083) | \$ | (84,220) |
| Net cash provided by/(used in) financing activities | \$ | 253,482 | \$ | (10,058) | \$ | 928,442 | \$ | (797) |
| Net increase/(decrease) in cash and cash equivalents | \$ | 134,255 | \$ | 52,777 | \$ | 316,652 | \$ | (87,039) |
| Cash and cash equivalents at beginning of the period | | 528,164 | | 217,344 | | 354,154 | | 357,664 |
| Translation differences in cash or cash equivalent | | 89 | | (5,015) | | (8,298) | | (5,519) |
| Cash and cash equivalents at end of the period | \$ | 662,508 | \$ | 265,106 | \$ | 662,508 | \$ | 265,106 |

Reconciliation of Further Adjusted EBITDA including unconsolidated affiliates to Profit/(loss) for the period attributable to the parent company

| (in thousands of U.S. dollars) | Nine-month period ended September 30, | | | |
|-------------------------------------------------------------------------|---------------------------------------|---------|----|----------|
| | | 2015 | | 2014 |
| Profit/(loss) for the period attributable to the Company | \$ | 25,195 | \$ | (13,840) |
| Profit attributable to non-controlling interest | | 9,085 | | 1,481 |
| Income tax | | 22,409 | | 4,125 |
| Share of loss/(profit) of associates carried under the equity method | | (4,630) | | 602 |
| Financial expense, net | | 224,364 | | 142,576 |
| Operating profit | \$ | 276,423 | \$ | 134,944 |
| Depreciation, amortization, and impairment charges | | 183,992 | | 86,881 |
| Dividend from exchangeable preferred equity investment in ACBH | | 13,800 | | 4,600 |
| Further Adjusted EBITDA | \$ | 474,215 | \$ | 226,425 |
| Abengoa Yield's pro-rata share of EBITDA from Unconsolidated Affiliates | | 9,220 | | |
| Further Adjusted EBITDA including unconsolidated affiliates | \$ | 483,435 | \$ | 226,425 |

Reconciliation of Further Adjusted EBITDA including unconsolidated affiliates to net cash provided by/ (used) in operating activities

| (in thousands of U.S. dollars) | For the nine-month period ended September 30, | | | |
|-------------------------------------------------------------------------|-----------------------------------------------|-----------|----|-----------|
| | | 2015 | | 2014 |
| Further Adjusted EBITDA including unconsolidated affiliates | \$ | 483,435 | \$ | 226,425 |
| Abengoa Yield's pro-rata share of EBITDA from Unconsolidated Affiliates | | (9,220) | | _ |
| Further Adjusted EBITDA | \$ | 474,215 | \$ | 226,425 |
| Net interest and income tax paid | | (178,475) | | (81,799) |
| Variations in working capital | | 6,683 | | (113,020) |
| Other non-cash adjustments and other | | (65,130) | | (33,627) |
| Net cash provided by/(used in) operating activities | \$ | 237,293 | \$ | (2,021) |

Cash Available For Distribution Reconciliation

| (in thousands of U.S. dollars) | onths ended ber 30, 2015 | nonths ended mber 30, 2015 |
|-------------------------------------------------------------------------|---------------------------------|-----------------------------------|
| Further Adjusted EBITDA including unconsolidated affiliates | \$ 218,650 | \$ 483,435 |
| Abengoa Yield's pro-rata share of EBITDA from unconsolidated affiliates | (2,121) | (9,220) |
| Dividends from unconsolidated affiliates | 4,163 | 4,163 |
| Non-monetary items | (21,447) | (66,417) |
| Interest and income tax paid | (46,161) | (178,475) |
| Principal amortization of indebtedness | (38,573) | (89,236) |
| Deposits into/ withdrawals from debt service accounts | (10,090) | (13,420) |
| Change in available cash at project level | (62,285) | (2,171) |
| Change in other assets and liabilities | 16,440 | 13,012 |
| Cash Available For Distribution | \$ 58,576 | \$ 141,671 |

Investor Relations

Leire Perez Tel: +44 20 7098 4384 E-mail: ir@abengoayield.com

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

ABENGOA YIELD PLC

/s/ Javier Garoz Name: Javier Garoz Title: Chief Executive Officer

Date: November 6, 2015