



# ASX RELEASE

## Infigen Energy

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29 August 2016

## INFIGEN ENERGY FY16 FULL YEAR RESULTS

Infigen Energy (ASX: IFN) today announced its financial and operational results for the year ended 30 June 2016 (FY16). Infigen reported a statutory net profit after tax of \$4.5 million. On a continuing operations basis net profit after tax of \$7.0 million was \$25.4 million higher than the prior corresponding period (pcp) primarily due to higher Large-scale Generation Certificate (LGC) and wholesale electricity prices.

### HIGHLIGHTS

Highlights for the year included:

- **Safety:** achieved a rolling 12-month lost time injury frequency rate (LTIFR) of zero, with no lost time injuries (LTIs) since November 2013, and eight years without an LTI at the Alinta and Lake Bonney wind farms
- **Sale of US businesses:** completed the sale of the US solar development assets and the US wind business resulting in approximately \$100 million increase in cash available for growth
- **Operating costs** of \$37.4 million were slightly below the guidance range of \$37.5-39.5 million
- **Reduced borrowings:** \$51.0 million of Global Facility borrowings repaid from operating cash flow (FY16 guidance: \$50 million) and \$5.5 million of Woodlawn facility borrowings repaid. Net debt was \$594.9 million at 30 June 2016
- **Organisational restructure:** completed after the sale of the US businesses to reduce corporate costs from FY17 and position the Australian business for profitable growth
- **Growth and development:** positioned development pipeline to respond to supportive market conditions

Infigen reported Earnings Before Interest, Tax, Depreciation and Amortisation (EBITDA) from continuing operations of \$120.2 million, up 44%, and net operating cash flow of \$56.9 million, up 71% compared to the pcp (FY15).

### BUSINESS PERFORMANCE

Key measures of performance on a continuing operations basis compared to FY15 were:

- **Production** increased by 1% to 1,469 GWh
- **Revenue** increased by 29% to \$173.2 million
- **EBITDA** increased by 44% to \$120.2 million
- **Net operating cash flow** increased by 71% to \$56.9 million
- **Net profit after tax** from continuing operations increased by \$25.4 million to \$7 million
- **Statutory net profit after tax** was \$4.5 million, an increase of \$308.1 million primarily due to the pcp reflecting a loss on discontinued operations



Better wind conditions in New South Wales, improved turbine availability at Capital and Woodlawn wind farms, and improved network availability at Alinta and Lake Bonney wind farms were counterbalanced by lower wind conditions in South Australia and Western Australia. Revenue increased \$39.4 million or 29% to \$173.2 million as a result of higher LGC and electricity prices, higher revenue from hedging activities and higher production, partially offset by lower compensated revenue.

Operating costs of \$37.4 million were slightly below the guidance range of \$37.5-39.5 million, but up \$2.7 million or 8% compared to the pcp. This was due to above historical average frequency control ancillary services (FCAS) fees incurred as a result of the Heywood (Victoria to South Australia) interconnector upgrade works, a full year post-warranty turbine operations and maintenance (O&M) cost step-up at Capital wind farm, and higher scheduled balance of plant maintenance costs at Alinta and Lake Bonney wind farms, partially offset by a decrease in other direct costs.

### **FY17 GUIDANCE**

Infigen expects wind conditions to improve in FY17. This is primarily because the wind conditions in FY15 and FY16 were below the historical long-term average. Consequently, if wind conditions improve, production in FY17 is also expected to improve relative to FY16 performance.

FY17 futures electricity prices for South Australia and New South Wales currently are approximately 78% and 18% respectively higher than realised average FY16 prices in those states. In South Australia, wholesale electricity prices have been more volatile so far this financial year compared with FY16. The LGC spot price has been trading above \$80 for the last two months and we expect this to continue throughout FY17.

Infigen is currently finalising a post-warranty service and maintenance agreement for Woodlawn wind farm for when the original equipment manufacturer's warranty expires in October 2016. During FY17 Infigen will also progress negotiations on long-term service and maintenance agreements for other fleet assets where maintenance contracts expire in December 2017.

Following the closure of the Northern power station in South Australia in May 2016, there has been a sustained increase in underlying FCAS fees. In addition, when work is being carried out on the Heywood interconnector or network infrastructure surrounding the interconnector, AEMO has been procuring additional FCAS services from the small number of registered providers in South Australia. These procurements will result in higher FCAS charges for FY17.

During FY16 Infigen enhanced its development capability to respond to the emerging market opportunities. Infigen also completed an organisational restructure that has positioned the business for growth and reduced costs. Because of these two factors, corporate and development costs are expected to be approximately \$14 million in FY17. At the beginning of FY17 Infigen had \$137 million cash in Excluded Companies, a substantial portion of which is available for investment in growth opportunities.

EBITDA in FY17 is expected to be approximately \$130 million. This is based upon the production and price outlooks outlined above and after anticipated higher costs for post-warranty turbine O&M services at Woodlawn wind farm, production-linked turbine O&M expense and FCAS charges.



## OUTLOOK

Miles George, Infigen's Managing Director, said, "The outlook for LGC and electricity market prices remains substantially higher than recently reported power purchase agreement prices. This price spread continues to widen, implying larger value transfers from developers to off-takers. Attractive merchant opportunities now exist for projects with a low cost of energy."

"Infigen's extensive experience as a developer-owner-operator and acquirer of assets has created a disciplined investment appraisal culture where we will only pursue opportunities with acceptable risk adjusted returns," he said.

Infigen continues to participate in opportunities to secure power purchase agreements from formal tender processes and bilateral negotiations.

Infigen will also continue to assess corporate activity opportunities that might arise within the current fragmented renewable energy sector in Australia. New greenfield solar PV development initiatives to meet the expected increased demand for solar projects will also be pursued.

The Queensland and Victorian state governments' proposed renewable energy targets will see those states increase their renewable energy ambition beyond the Federal targets. This will provide further opportunities for Infigen to build out its development pipeline.

The Federal Government has announced that in 2017 it will commence consideration of the emissions reduction policies required to meet increased national targets in close consultation with businesses and the community.

"Further development of national and/or state-based emissions reduction policies is required for Australia to meet its commitment under the Paris Agreement to reduce emissions by 26-28% on 2005 levels by 2030. Australia's commitment under that agreement, to contribute its fair share of the global action required to limit temperature increases to well below 2 degrees, will require much more ambitious emissions reduction targets," said Mr George.

## ENDS

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## About Infigen Energy

Infigen Energy (Infigen) is a developer, owner and operator of renewable energy generation assets in Australia. We own six wind farms and a solar farm with a combined installed capacity of 557 megawatts operating in New South Wales, South Australia and Western Australia.

We are a leading Australian renewable energy company supplying electricity that is commercially, socially and environmentally sustainable. We are passionate about meeting climate change commitments and delivering renewable energy targets.

Infigen's development pipeline comprises approximately 1,100 megawatts of large-scale wind and solar projects spread across five states in Australia.

Infigen trades on the Australian Securities Exchange (ASX) under the code IFN.

For further information please visit our website: [www.infigenenergy.com](http://www.infigenenergy.com)

# INFIGEN ENERGY FULL YEAR RESULTS

12 MONTHS ENDED 30 JUNE 2016

29 August 2016

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Richie Farrell  
Marju Tonisson

General Manager, Strategy & Corporate Affairs  
Manager, ESG & Investor Relations



Our generation, your future

## AGENDA

- Performance Overview
- Operational Review
- Financial Review
- Outlook
- Questions
- Appendix

## PRESENTERS

- **Miles George**  
Managing Director & Chief Executive Officer
- **Chris Baveystock**  
Chief Financial Officer

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A blurred background image showing a landscape with wind turbines under a sunset or sunrise sky. The colors are warm, with oranges, yellows, and purples.

# PERFORMANCE OVERVIEW

# FY16 Overview

## **Simplified business, stable capital structure, supportive policy environment. Positioned for profitable growth**

- **Safety:** achieved a rolling 12-month lost time injury frequency rate (LTIFR) of zero, with no lost time injuries (LTIs) since November 2013, and eight years without an LTI at Alinta and Lake Bonney wind farms
- **Sale of US businesses:** completed the sale of the US solar development assets and the US wind business resulting in a \$100 million increase in cash available for growth
- **Net profit after tax:** \$4.5 million, up \$308.1 million on the pcp, which included a \$285.2 million loss from discontinued US operations
- **Net profit after tax (continuing operations):** \$7.0 million, a \$25.4 million improvement compared to the pcp, primarily due to higher electricity and LGC prices
- **EBITDA:** \$120.2 million, up 44% or \$36.7 million on the pcp
- **Net operating cash flow (continuing operations):** \$56.9 million, up 71% or \$23.7 million on the pcp
- **Reduced borrowings :** \$51.0 million of Global Facility borrowings repaid from operating cash flow and \$5.5 million of Woodlawn facility borrowings repaid. Net debt was \$594.9 million at 30 June 2016
- **Organisational restructure:** completed after the sale of the US businesses, to reduce corporate costs from FY17 and position the Australian business for growth
- **Growth and development:** positioned development pipeline to respond to supportive market conditions

# Performance Overview

## Outcome reflects improved market prices and effective risk and operational management

\$M (unless otherwise stated) Year ended 30 June	2016	2015	Change % F/(A)	Comments
Safety (LTIFR)	-	-	-	• Achieved zero lost time incidents and injuries
Capacity (MW)	557	557	-	
Production (GWh)	1,469	1,459	1	• Better wind conditions in NSW and improved network availability at Lake Bonney wind farm, partially offset by lower wind in SA and WA
Revenue	173.2	133.8	29	• Higher LGC and electricity prices, higher production and effective hedging
Operating costs	(37.4)	(34.7)	(8)	• Higher FCAS charges in South Australia for services that maintain power system stability • Post-warranty O&M cost step-up and unscheduled BOP costs at Capital wind farm
Corporate, development & other costs	(15.7)	(15.6)	(1)	• Organisational restructure costs
EBITDA	120.2	83.5	44	
Profit / (loss) from continuing operations before tax	10.6	(18.2)	158	• Higher EBITDA partially offset by FX effects and revaluation of derivatives
Net profit / (loss)	4.5	(303.6)	101	• Higher tax expense • Loss from discontinued operations in the pcp related to the divestment of the US business (\$284.5 million impairment)
Net operating cash flow	56.9	79.5	(28)	• Net operating cash flow in the pcp includes \$46.3 million from discontinued operations



# OPERATIONAL REVIEW

# Safety & Environment

## Actively managing safety and monitoring effects of climate change

Safety As at 30 June measured on a rolling 12-month basis	2016	2015	Change F/(A)
Total recordable injury frequency rate (TRIFR)	4.8	9.7	51
Lost time injury frequency rate (LTIFR)	-	-	-
Lost time injuries (LTI)	-	-	-

Greenhouse gas emissions <sup>1</sup> Year ended 30 June	2016	2015	Change % F/(A)
Scope 1 emissions (tCO <sub>2</sub> e)	448	470	5
Scope 2 emissions (tCO <sub>2</sub> e)	2,801	2,854	2
Total energy consumption (TJ)	18.4	18.6	1
Emissions intensity of generation (tCO <sub>2</sub> e/MWh)	0.002	0.002	-

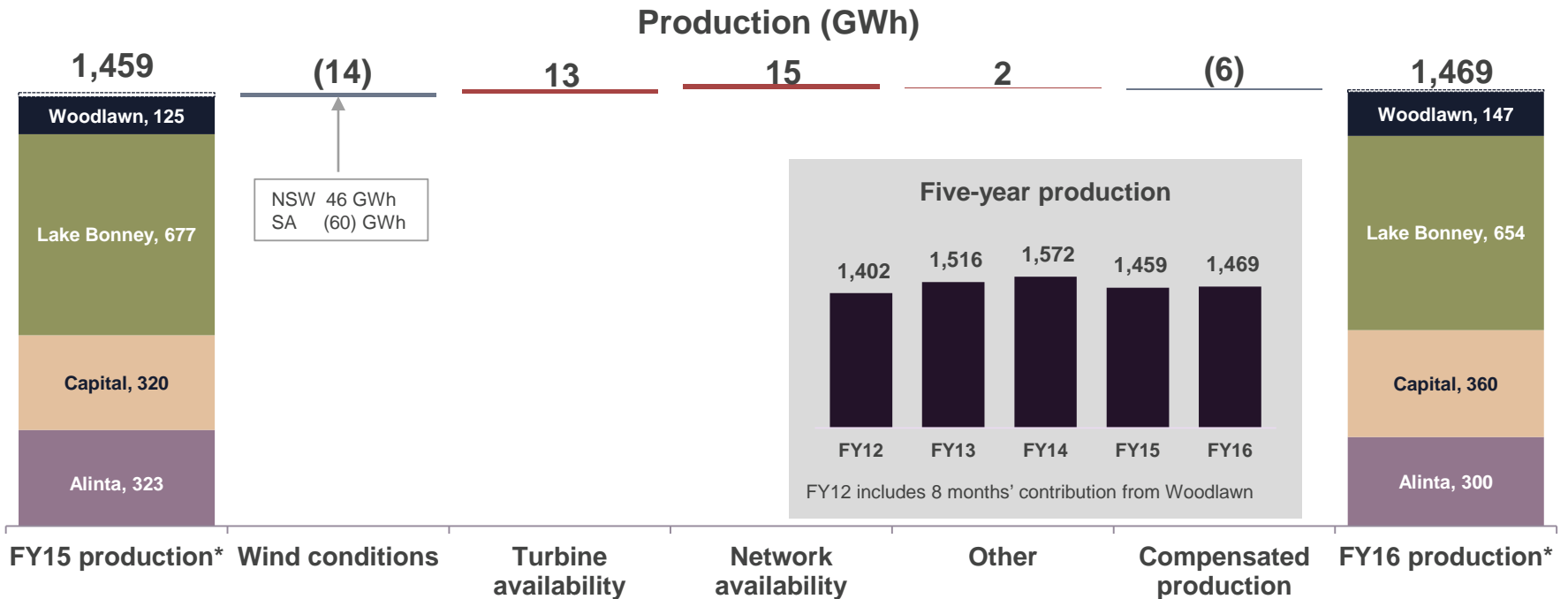
### Comments

- **Safety:** HSE action plan significantly improved focus on leading indicators and the risk management of potential hazards and risks
- **TRIFR** decreased from 9.7 to 4.8, representing one recordable injury in FY16 and 5% less recordable work hours during the year
- **Greenhouse gas emissions** decreased by 75 tCO<sub>2</sub>e due to reduced electricity imports from the grid, lower fuel consumption on-site and lower electricity used in the office
- **Emissions intensity of production** remained at 0.002 tonnes of CO<sub>2</sub>e
- **Our generation** displaced approximately 1.5 million tonnes of CO<sub>2</sub> from Australia's electricity sector and provided enough electricity to power 250,000 average households

<sup>1</sup> FY16 emissions remain subject to review by the Clean Energy Regulator

# Production

Production increased in FY16 but was lower than historical average of ~1,500 GWh



## Comments

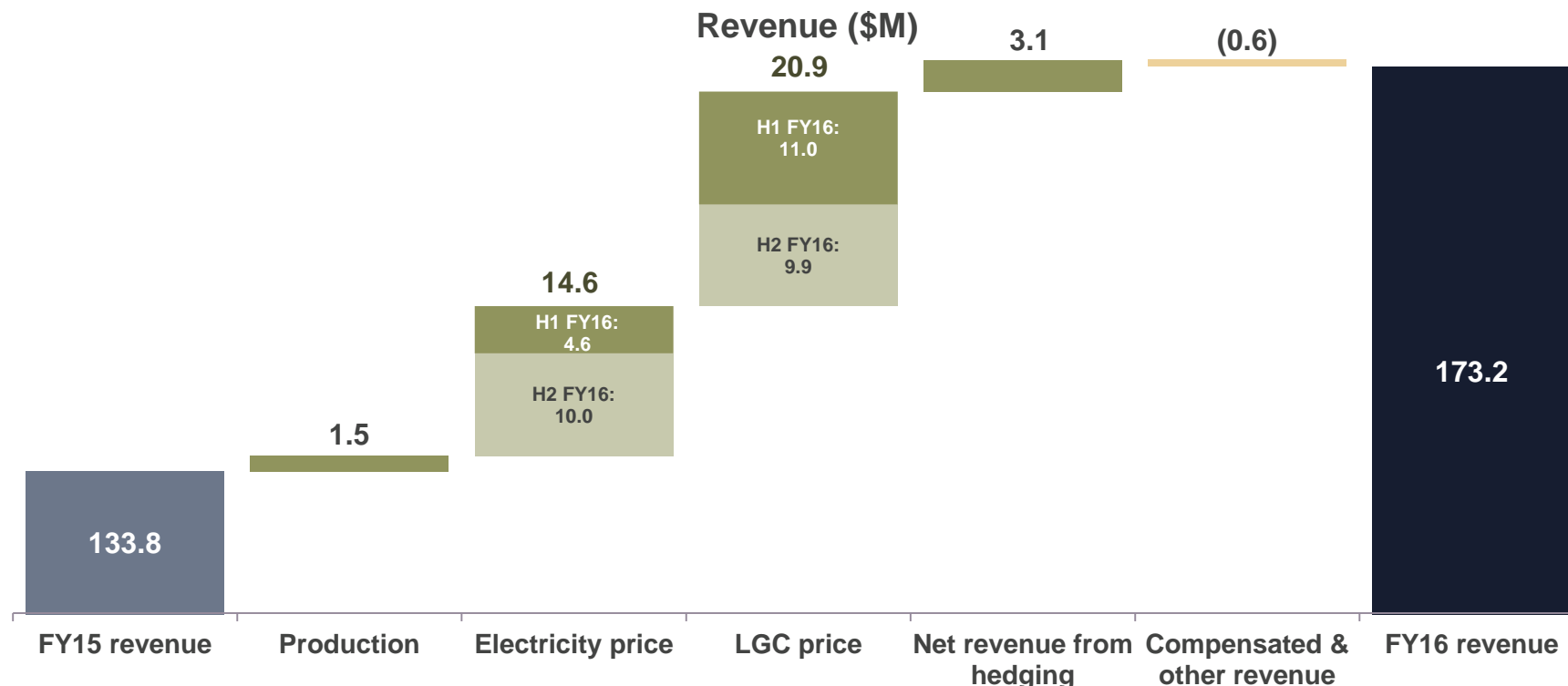
- Better wind conditions in NSW partially offset by lower wind in SA and WA
- Improved turbine availability at Capital and Woodlawn wind farms
- Reduced network losses at Alinta and Lake Bonney wind farms
- Improved site availability but lower compensated production

\* Includes compensated production of 14 GWh in FY15 and 8 GWh in FY16



# Revenue

Benefitted from higher LGC and electricity prices and effective risk management



Average price	FY16		FY15	
	H1	H2	H1	H2
Average merchant LGC market price (\$/LGC)	61.34	79.93	31.90	46.21
Infigen's DWA wholesale electricity price, SA (\$/MWh)	47.04	55.12	30.50	30.10
Infigen's DWA wholesale electricity price, NSW (\$/MWh)	42.55	54.58	36.46	32.81

# Operating Costs

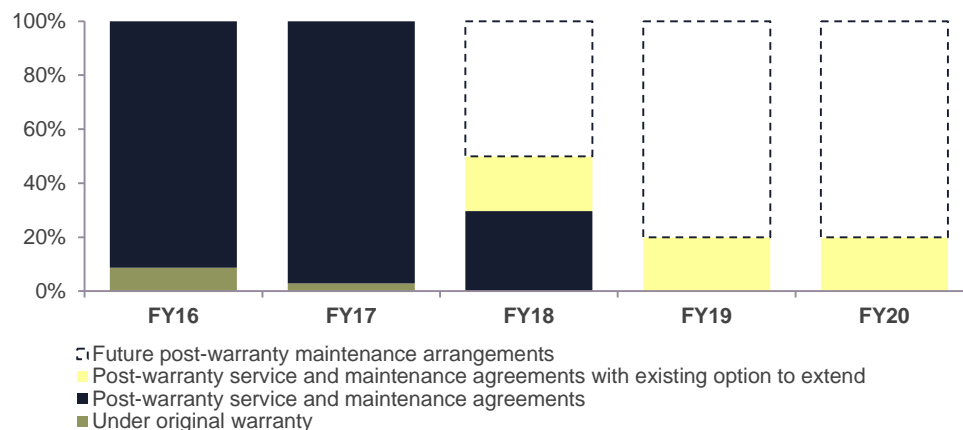
## Delivered full year operating costs below guidance range despite higher FCAS fees

Year ended 30 June (\$M)	2016	2015	F/(A) %
Asset management	6.7	6.2	(8)
FCAS fees	2.0	0.3	(567)
Turbine operations & maintenance (O&M)	18.9	18.4	(3)
Balance of plant (BOP)	0.9	0.4	(125)
Other direct costs	7.0	7.4	5
<b>Wind &amp; solar farm costs</b>	<b>35.5</b>	<b>32.7</b>	<b>(9)</b>
Energy Markets	1.9	2.0	5
<b>Operating costs</b>	<b>37.4</b>	<b>34.7</b>	<b>(8)</b>

### Comments

- Full year operating costs below the \$37.5-39.5 million guidance range
- Above historical average frequency control ancillary services (FCAS) fees incurred as a result of interconnector upgrade works in South Australia
- Higher turbine O&M costs due to contracted post-warranty cost step-up at Capital wind farm offset by lower production-linked turbine O&M costs at Alinta and Lake Bonney wind farms
- Higher contracted BOP costs at Alinta and Lake Bonney wind farms, and higher unscheduled BOP costs at Capital wind farm
- Currently finalising a new post-warranty service and maintenance agreement for the Woodlawn wind farm from October 2016
- Increased competition in post-warranty service markets underpins confidence that long-term O&M costs will be comparable to existing post-warranty turbine O&M costs
- Negotiations progressing on long-term turbine O&M agreements beyond January 2018

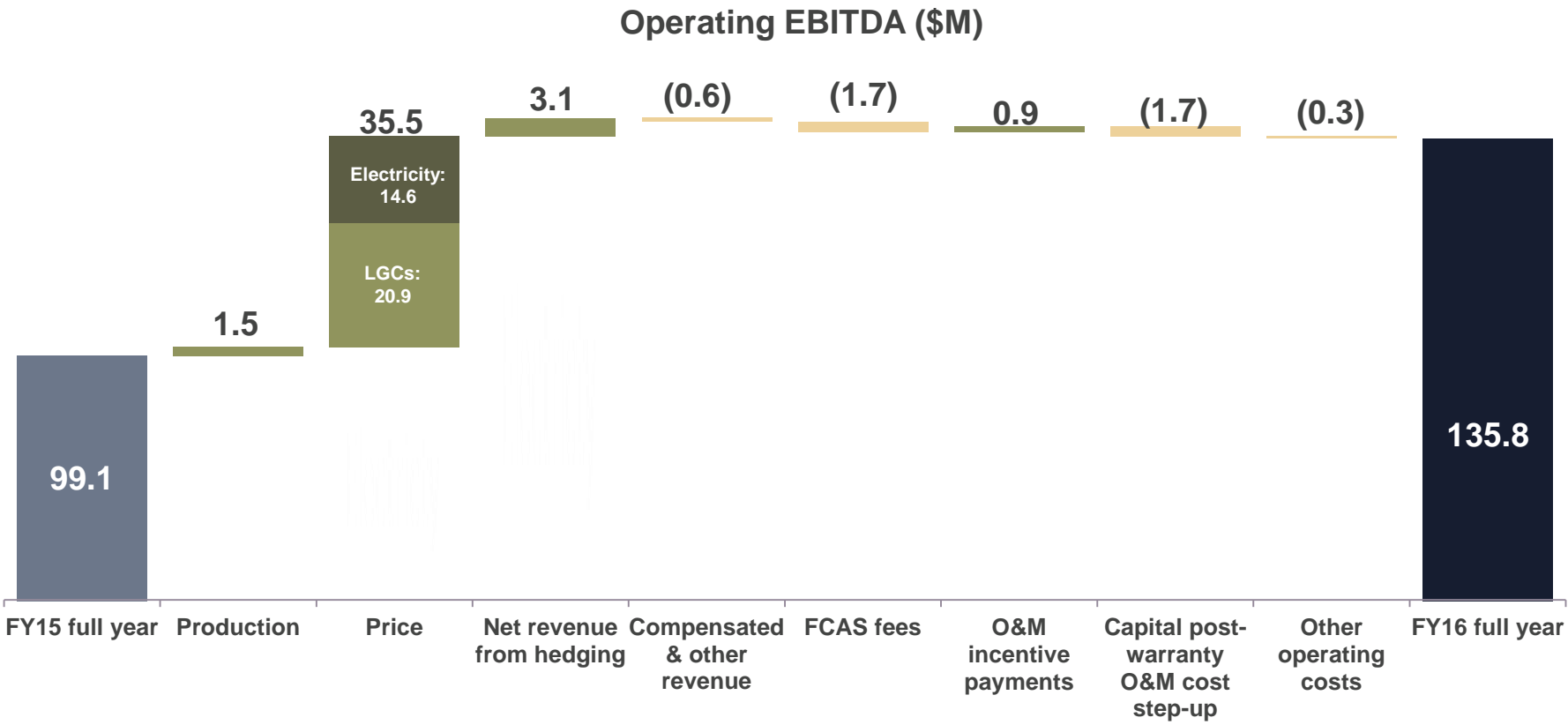
### Turbine warranty and maintenance contract profile





# Operating EBITDA

Higher revenue partially offset by higher operating costs



A blurred background image showing a person in a red shirt in the foreground and wind turbines in the distance under a sunset sky.

# FINANCIAL REVIEW

# Summary Profit & Loss and Financial Metrics

## Improved operating result partially offset by adverse FX effect and tax expense

Year ended 30 June (\$M)	2016	2015	Change % F/(A)
<b>Revenue</b>	<b>173.2</b>	<b>133.8</b>	<b>29</b>
<b>EBITDA</b>	<b>120.2</b>	<b>83.5</b>	<b>44</b>
Depreciation and amortisation	(52.0)	(54.5)	5
<b>EBIT</b>	<b>68.2</b>	<b>29.0</b>	<b>135</b>
Net borrowing costs	(53.6)	(55.3)	3
Net FX and revaluation of derivatives	(4.0)	8.0	(150)
Profit / (loss) from continuing operations before tax	10.6	(18.2)	158
Loss from discontinued operations	(2.5)	(285.2)	99
Tax expense	(3.6)	(0.2)	(1,700)
<b>Net profit / (loss)</b>	<b>4.5</b>	<b>(303.6)</b>	<b>101</b>
As at 30 June	2016	2015	Change % F/(A)
<b>Net operating cash flow per security (cps)</b>	<b>7.4</b>	<b>4.3</b>	<b>72</b>
<b>EBITDA margin</b>	<b>69.4%</b>	<b>62.4%</b>	<b>7.0 ppts</b>
<b>Book gearing</b>	<b>68.0%</b>	<b>74.0%</b>	<b>6.0 ppts</b>

cps = cents per security; ppts = percentage point changes

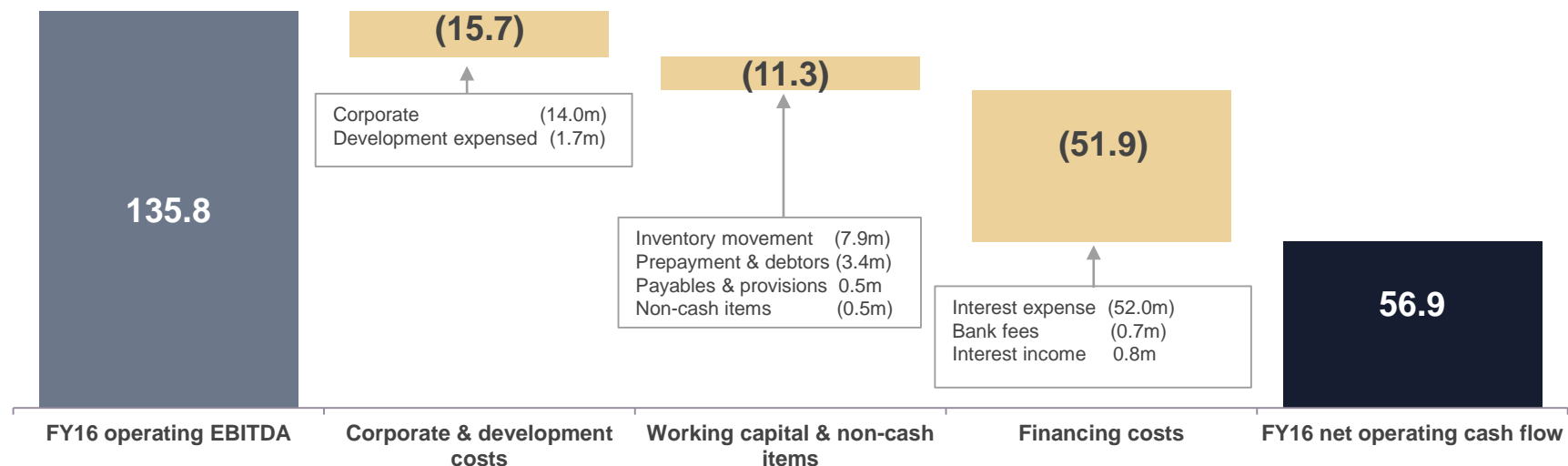


# Operating Cash Flow

Strong production in May-June 2016 and higher LGC price increased the value of inventory

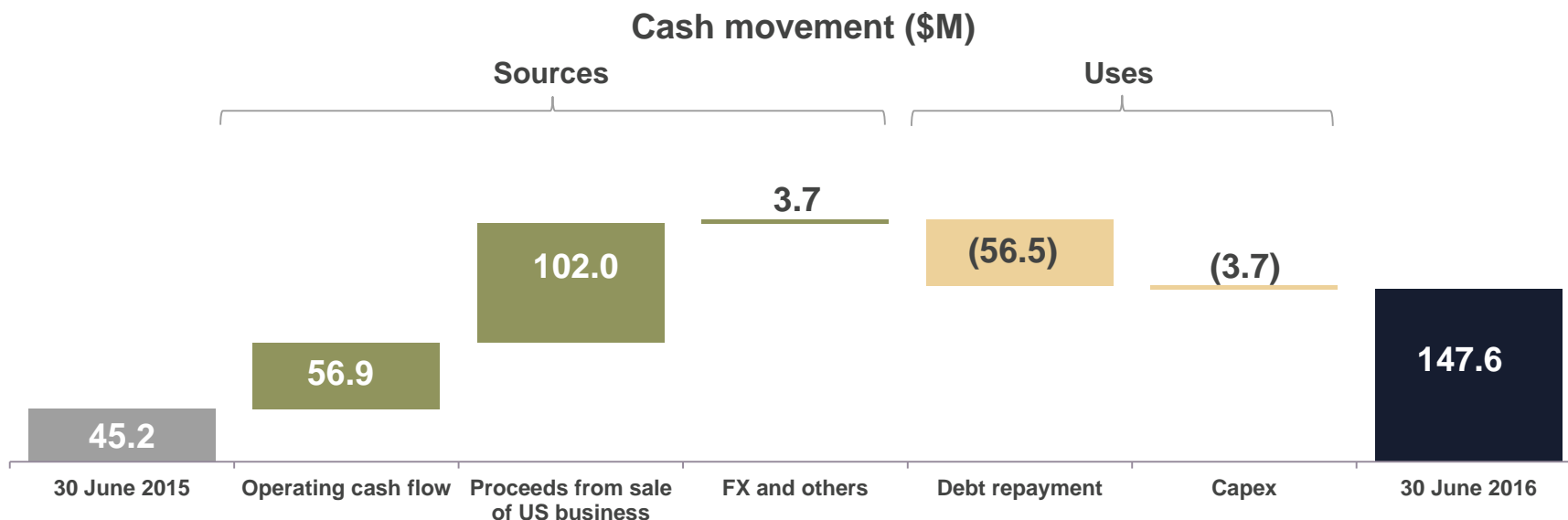
Year ended 30 June (\$M)	2016	2015	Change % F/(A)
Operating EBITDA	135.8	99.1	37
Corporate and development costs and other income	(15.7)	(15.6)	(1)
Movement in working capital and non-cash items	(11.3)	2.4	(571)
Financing costs	(51.9)	(52.7)	(2)
<b>Net operating cash flow from continuing operations</b>	<b>56.9</b>	<b>33.2</b>	<b>71</b>
Net operating cash flow from discontinued operations	-	46.3	n.m.
<b>Net operating cash flow</b>	<b>56.9</b>	<b>79.5</b>	<b>(28)</b>

Operating cash flow (\$M)



# Cash Movement

Higher cash balance from proceeds of sale of the US business

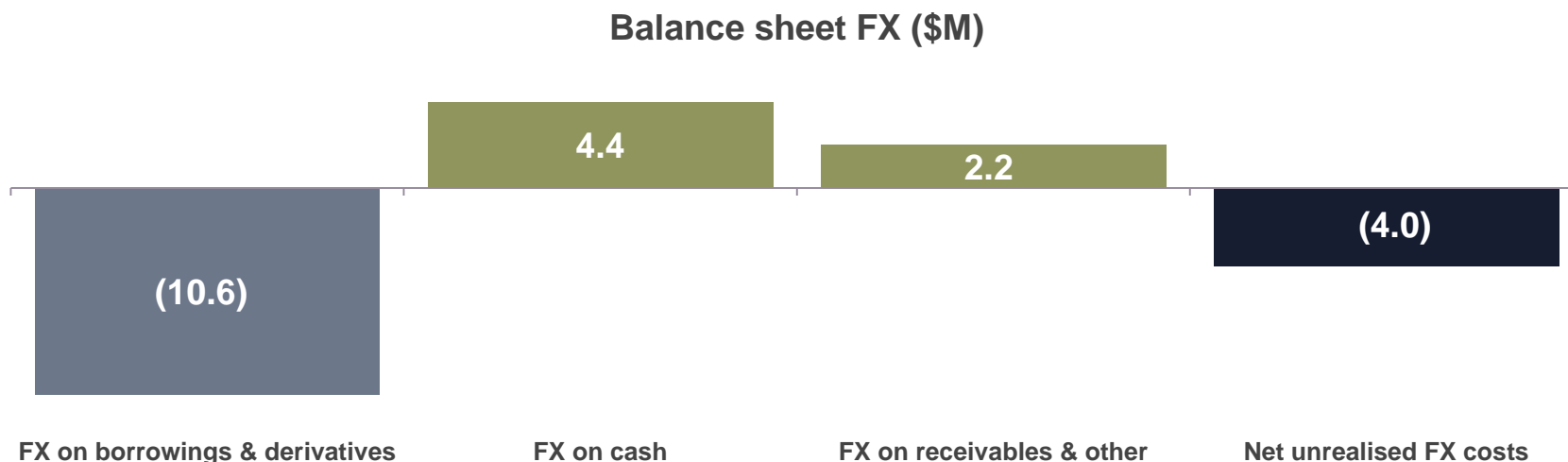


## Comments

- Cash balance at 30 June 2016 comprises \$136.9 million held by Excluded Companies and \$10.7 million held by entities within the Global Facility Borrower Group
- \$102 million inflow to Excluded Companies from the sale of the US business: US wind Class A interests and US solar development assets including solar related proceeds received in H2 FY16
- \$3.7 million capital expenditure on wind farm property, plant and equipment, IT and development
- Substantial amount of Excluded Companies' cash balance available to invest in new projects and other investment opportunities

# Effect of FX on Balance Sheet

USD and EUR borrowings partially hedged with USD and EUR cash balances



## Comments

- FX movements resulted in an adverse effect on the balance sheet in AUD terms
- As at 30 June 2016 Infigen had foreign currency borrowings of USD116.2 million and EUR14.0 million
- As at 30 June 2016 Infigen held USD80.0 million and EUR12.4 million in cash

# Balance Sheet

## Higher cash balance, lower borrowings and improved debt ratios

Position at (\$M)	30 Jun 2016	30 Jun 2015
Cash	147.6	45.2
Receivables	24.1	76.7
Inventory LGCs	20.6	12.7
PP&E	783.8	830.2
Goodwill and intangible assets	122.7	126.8
Investments in associates	1.3	0.5
Deferred tax assets & other assets	52.4	49.9
Assets of disposal group (held for sale)	-	1,286.8
<b>Total assets</b>	<b>1,152.5</b>	<b>2,428.8</b>
Payables	17.4	29.0
Provisions	11.3	9.8
Borrowings	742.5	786.9
Derivative liabilities	100.8	99.3
Liabilities of disposal group (held for sale)	-	965.3
Borrowings and swaps (disposal group)	-	277.6
<b>Total liabilities</b>	<b>872.0</b>	<b>2,167.9</b>
<b>Net assets</b>	<b>280.5</b>	<b>260.9</b>

Debt ratios*	30 Jun 2016	30 Jun 2015
Net debt / EBITDA	5.0x	8.9x
EBITDA / Interest	2.3x	1.6x
Net debt / (Net debt + Net assets)	68.0%	74.0%

\* Debt ratios calculated in the above table differ from the Global Facility covenant metrics due to inclusion of Excluded Companies

### Comments

- Assets and liabilities held for sale in the pcp
- Cash proceeds from the sale of US Class A interests and US solar development pipeline reduced receivables
- Increased inventory attributable to higher LGC price and strong production in May and June
- PP&E decrease includes depreciation expense of \$46.5 million
- Decrease in intangible assets attributable to the sale of a 50% interest in the Bodangora and Forsayth development projects

# OUTLOOK

# Outlook

## **Stable capital structure, business positioned for growth in rejuvenated Australian market**

### **Earnings growth:**

- Potential for production to increase from historically low wind years in FY15 and FY16
- Current LGC prices and electricity futures prices are substantially higher than FY16
- Revenue assurance improved - LGC contract with Alinta Energy extended to December 2020 for Alinta wind farm and executed 5 year LGC contract with Origin Energy for Woodlawn wind farm

### **Deleveraging:**

- Stronger earnings will increase Global Facility debt repayments and improve refinancing prospects

### **Business development:**

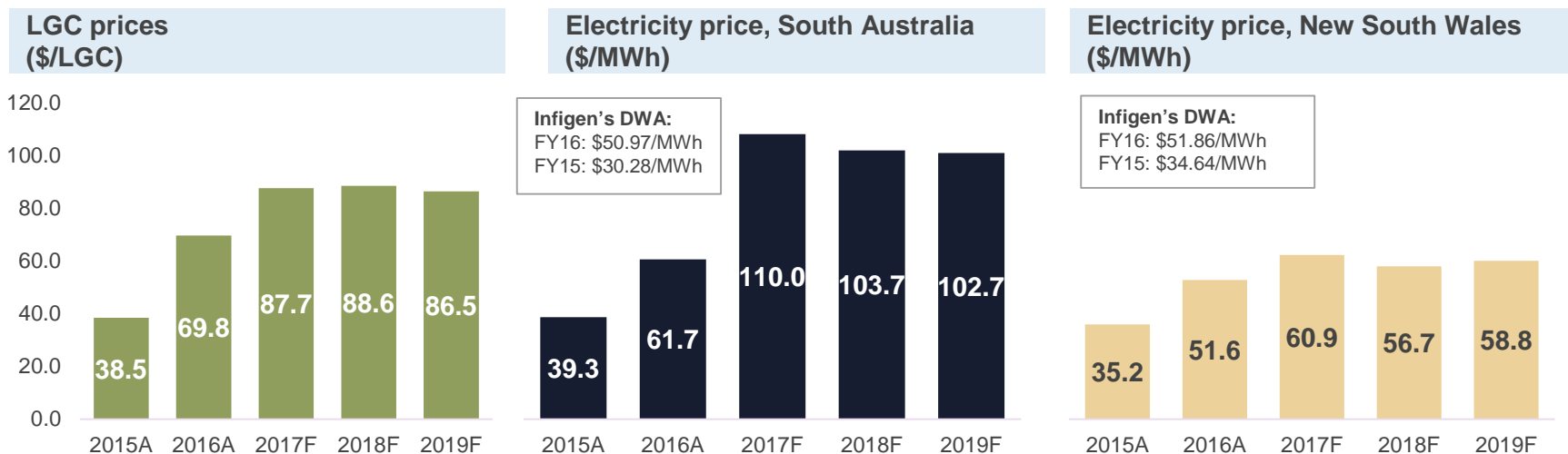
- Infigen's geographically diverse development pipeline of wind and solar projects is well positioned to proceed to construction as market opportunities emerge
- Prospecting for further solar development opportunities
- Engaged in bilateral offtake negotiations and an active participant in competitive procurement processes
- Outlook for LGC and electricity spot market prices substantially higher than reported PPA prices, providing an investment signal for some merchant opportunities

### **Securityholder value:**

- Infigen has approximately \$137 million of cash in Excluded Companies, a substantial portion of which can be deployed towards organic growth and other investment opportunities

# Stronger Outlook for LGC and Electricity Prices

Substantially improved outlook will benefit Infigen's merchant assets



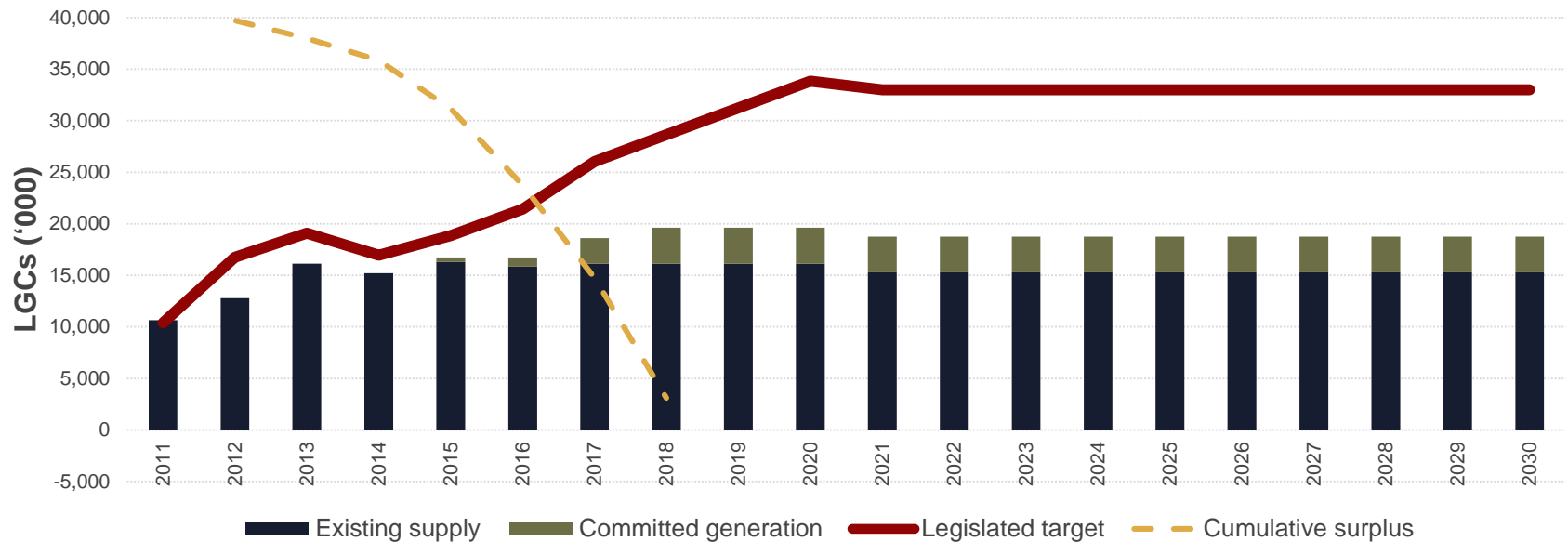
Sources: AEMO, GFI, ASX base electricity futures, broker reports, August 2016. Data is presented on a financial year basis.

## Comments

- Expectations of a likely shortfall in LGC supply over the medium term and improved outlook for Australia's climate policy increased demand from the major retailers
- A combination of higher gas prices and the closure of the Northern power station should maintain higher time weighted average electricity prices in South Australia
- Wind and solar generators have a short-run marginal cost lower than the existing fleet of coal and gas generators

# Large-scale Renewable Energy Target (LRET)

Surplus of LGCs is rapidly decreasing with long lead times for new supply



Source: Green Energy Markets, August 2016

## Comments

- Momentum is building but current rate of new build must increase to avoid LGC shortfall in 2018
- Scheme design caters for temporary shortfalls by allowing liable parties to carry over up to 10% of their shortfall to the following year
- Some consumers are looking to satisfy their LRET liability directly with renewable generators





# Market conditions supportive of pipeline development

Development project	State	Capacity (MW)	Planning status	Approval date	Connection status
Bodangora wind farm <sup>1</sup>	NSW	90-110	Approved	Aug 2013	Advanced
Bogan River solar farm	NSW	12	Approved	Dec 2010	Intermediate
Capital solar farm	NSW	50	Approved	Dec 2010	Offer received
Capital 2 wind farm	NSW	90-100	Approved	Nov 2011	Offer received
Cherry Tree wind farm	VIC	45-55	Approved	Nov 2013	Advanced
Cloncurry solar farm	QLD	30	N/A	N/A	Early
Flyers Creek wind farm	NSW	100-115	Approved	Mar 2014	Intermediate
Forsayth wind farm <sup>1</sup>	QLD	70-80	Approved	Feb 2014	Advanced
Manildra solar farm <sup>2</sup>	NSW	50	Approved	Mar 2011	Advanced
Walkaway 2 wind farm <sup>3</sup>	WA	~41	Approved	Dec 2008	Intermediate
Walkaway 2 solar farm <sup>3</sup>	WA	~45	Approved	July 2016	Intermediate
Walkaway 3 wind farm <sup>3</sup>	WA	~310	Approved	Dec 2008	Early
Woakwine wind farm	SA	~450	Approved	Jun 2012	Intermediate
<b>Total (Infigen equity interests)<sup>4</sup></b>		<b>~1,100</b>			

<sup>1</sup> Infigen has a 50% equity interest; <sup>2</sup> In 2015 Infigen entered into a letter of intent regarding co-development and potential sale of the Manildra solar development project, with the sale conditional upon that project being successful in the ARENA large-scale solar PV competitive round. If the sale proceeds, Infigen will receive a payment determined by reference to the proposed MW capacity of the Manildra project; <sup>3</sup> Infigen has a 32% equity interest; <sup>4</sup> Adjusted for Infigen's equity interest

## Comments

- Infigen can select and tailor projects from its diverse pipeline to respond to majority of offtake contract opportunities that have specific project size and location requirements
- Extensive experience as a developer, owner, operator and acquirer of assets has created a disciplined investment appraisal culture where we pursue acceptable risk adjusted return opportunities
- The contract to merchant price spread is wide, implying large value transfers from developers to offtakers. Attractive merchant opportunities exist for low cost energy projects

# FY17 Guidance

## Revenue expected to benefit from higher production and prices

### Production and revenue:

- Potential for production to increase from FY16, which was below the 5 year historical average
- LGC and electricity spot and futures contract prices are substantially higher than FY16

### Corporate and development costs:

- Cost benefit of organisational review to be realised from FY17 where corporate and development costs are expected to be approximately \$14 million

### EBITDA:

- EBITDA is expected to be approximately \$130 million reflecting a likely contractual turbine O&M cost increase at the Woodlawn wind farm as it comes off its original warranty in October 2016, and significantly higher Frequency Control Ancillary Service (FCAS) charges and associated hedging costs

### Growth:

- Infigen has approximately \$137 million of cash in Excluded Companies, a substantial portion of which can be deployed towards organic growth and other investment opportunities

The background of the slide is a blurred photograph. It shows a person in the foreground, slightly out of focus, and several wind turbines in the distance under a hazy, sunset or sunrise sky. The overall color palette is warm, with oranges, reds, and purples.

# QUESTIONS

# APPENDIX



# Operational Assets

Asset	State	Commercial operation date	Nameplate capacity <sup>1</sup> (MW)	FY16 average output	FY16 marginal loss factor <sup>2</sup>	O&M services agreement end date	Power contracted	LGCs contracted	Contract end date	Customer
Alinta wind farm	WA	Jul 2006	89.1	38%	0.9384	Post-warranty: Dec 2017	100%	100%	Power: Dec 2026 LGC: Jan 2021	Power: Alinta Energy LGC: Alinta Energy & AGL
Capital wind farm	NSW	Jan 2010	140.7	29%	0.9748	Post-warranty: Dec 2017 <sup>3</sup>	90-100% <sup>4</sup>	50-100% <sup>4</sup>	Power & LGC: Dec 2030	SDP & merchant
Lake Bonney 1 wind farm	SA	Mar 2005	80.5	26%	0.9352	Post-warranty: Dec 2017	-	-	-	Merchant
Lake Bonney 2 wind farm	SA	Sep 2008	159.0	27%	0.9352	Post-warranty: Dec 2017	-	-	-	Merchant
Lake Bonney 3 wind farm	SA	Jul 2010	39.0	27%	0.9352	Post-warranty: Dec 2017	-	-	-	Merchant
Woodlawn wind farm	NSW	Oct 2011	48.3	35%	0.9748	OEM warranty: Oct 2016	-	100%	LGC: Sep 2020	Power: merchant LGC: Origin Energy
<b>Total</b>			<b>556.7</b>							

<sup>1</sup> Average percentage of nameplate capacity

<sup>2</sup> AEMO published annual marginal loss factors which are available at <http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Security-and-reliability/-/media/EC6AF881593F4DB7B10F6286F3AD1004.ashx>

<sup>3</sup> Infigen has option to extend to December 2022

<sup>4</sup> Effectively all output is contracted when Sydney Desalination Plant (SDP) is operating. Approximately 50% of LGCs are sold on a merchant basis when the plant is not operating



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