

Debt Investor Update Full Year Results 2019/20

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Responding to COVID Driving safe and seamless operational delivery

- · Maintained excellent levels of reliability across our networks
- Delivered our significant capital programme
 - risk assessed all our projects
 - issued new working guidance to our field force, and
 - collaborated across the industry, sharing best practice
- Continued to deliver strong operational performance
 - rapid restoration of power in Massachusetts



Responding to COVID Delivering for our customers and communities

- Helping US customers who may be in financial difficulty
 - paused our US collections activities
 - deferred proposed rate increases in New York
- Helping UK suppliers to address the financial impacts of COVID
 - deferral of network charges
 - no additional burdens on consumers
- Supporting local communities
 - financial donations to help the most vulnerable;
 - community volunteering; and
 - helping deliver local field hospitals



COVID-19 impact

Business environment

- · Limited medium term economic impact
- £400m operating profit impact in FY21

Revenue deferrals

- Deferred NiMo rate increase
- KEDNY / KEDLI rates flat, awaiting settlement

Other COVID costs

· Sequestering staff, IT costs and lower capitalisation

Bad debts

• Expecting bad debt expense in FY21 to remain elevated

Cash flow and net debt

- Forecast impact up to £1bn
- ~£3bn increase in net debt (excluding impact of FX)

Financial performance highlights A strong 2020

Underlying operating profit **£3,454m**

FY19: £3,451m

Underlying EPS **58.2p ↓**1% FY19: **58.9p** Return on Equity **11.7% 10**bps FY19: **11.8%**

Capital investment £5.4bn ↑19% FY19: £4.5bn Asset growth increased



FY19: **7.2%**

Dividend growth in line with policy 48.57p ★2.6% FY19: 47.34p

Underlying results from continuing operations, excluding exceptional items, remeasurements, timing and major storm costs. Exceptional items within operating profit totalled £402m in 2019/20

Operating profit calculated at constant currency

Progress on operational priorities in 19/20 US plans drive growth and value

Strong operational progress

US

- Achieved an ROE of 9.3%, up 50bps
 - earned 99% of our allowed return
- Strong rate base growth of 12%
 - driven by investment of over \$4bn; and
 - transfer of CWIP to rate base
- Agreed new rates for MA electric
- Delivered \$30m of savings
 - remain on course to deliver \$50m in 20/21
- Progress on NY gas constraints
 - filed options report
 - working on delivering solution with the State



Progress on operational priorities in 19/20 UK delivering growth and value for all stakeholders

Strong operational delivery

UK

- Achieved an ROE of 12.4%
 - within target range of 200-300bp outperformance
- Invested £1.3bn, up 5% on the prior year
 - completed Feeder 9 tunnel under the Humber
 - progressing second phase of our London Power Tunnels project
- Hinkley remains on track
 - we welcome Ofgem's use of Strategic Wider Works
- Final RIIO-T2 plans submitted in December
- Exceeded £50m cost efficiency target



Progress on operational priorities in 19/20 NGV & Other

Investment of £815m

NGV

- Higher interconnector spend
 - projects remain on track
- Acquisition of Geronimo Energy
 - start of operations at 200MW windfarm in South Dakota

Good year for Property

- · Continued to sell sites into the St William joint venture
- · JV contributed a net profit for the first time



Interest, tax and earnings

Finance costs £1,049m

6% higher than FY19

- Higher US debt
- Effective interest rate of 4.1%

Underlying effective tax rate¹ 19.9%

at **£(478)m**

 Tax rate 30bps higher than 19/20, due to lower value property sales Underlying earnings² £2,014m

FY19: £1,995m

• 3,461 weighted average shares

• 58.2p/share

1 Excluding joint ventures and associates

2 Underlying results attributable to equity shareholders

Underlying results, excluding timing, exceptional items, remeasurements and major storm costs

Cash flow and net debt

	Year ended
£m 31	March 2020
Underlying operating profit	3,307
Depreciation & amortisation	1,640
Exceptional items	(60)
Working capital, timing & other	27
Cash generated from operations	4,914
Net debt	(28,590)

RCF/Net debt FFO/Net debt 9.2% 12.3%



Net debt slightly lower than guidance - favourable working capital and scrip uptake

RCF / Net debt based on the Moody's methodology. FFO / Net debt based on the S&P methodology

1 Final Cadent proceeds net of exceptional costs

Capital investment and funding

Group capital investment includes

- £4.5bn investment in regulated networks
- ~£500m interconnector investment
- Over £200m investment in Geronimo

Sustainable growth

- Network investment to meet mandated safety and reliability targets
- 85% US investment already covered by existing rate plans
- Interconnector investment will decline from FY20 onwards

Funding

- Strong internal cash flows combined with scrip utilisation
- · Green financing framework and regular bond issuance



20/21 Outlook

Regulated performance

- Fall in US operating profit from deferred revenue, bad debt and higher COVID costs
- Increase in US depreciation
- UK operating profit expected to reduce in Electricity Transmission and increase in Gas Transmission

NGV and Other

 NGV profit fall ~5% from lower interconnector arbitrage and lower St William profits

Interest and tax

- Interest charge to reduce from falling RPI and lower rates
- Effective tax rate of around 22%

Capex

~£5bn leading to group growth of 5-7%

Priorities & Outlook

Our pathway to value creation

Strategic priorities

- Enable the energy transition for all
- Deliver for our customers efficiently
- Grow our organisational capabilities
- Empower our people for great performance



Our strategic priorities guide our focus areas over the next 12 months: **US**

- Ensuring right rate plans post COVID
- · Efficient delivery of our investment program

UK

- Agreeing the RIIO-T2 regulatory framework
- Driving innovation for our customers

NGV & Other

- Delivery of our interconnector program
- Geronimo investment opportunities

US priorities and outlook Ensuring we have the right rate plans for a post-COVID world

- · Focus on new rates in New York and Massachusetts
- · Working with regulators to achieve timely recovery of COVID-related costs; and
- · Balancing the need for critical investment with affordability

KEDNY/KEDLI

- Moving to a multi-year, negotiated settlement
- We expect rates to remain flat for our customers this year
- Working on gas supply constraint issues

Niagara Mohawk

- Delayed this spring's filing
- Will either extend current plan, or file later this summer
- Minimise bill impact

MA Gas

- Intention to file for new rates towards the end of the year
- Incentive based formula

US priorities and outlook Efficient investment

- We expect investment levels in the US to remain significant
- Streamlining processes

US

- Gas Business Enablement program
 - modernising our work management
 - integrating planning and customer requirements
- Finding digital solutions
 - 'On My Way' in Electric Distribution
 - automated crew dispatch



UK priorities and outlook RIIO-T2: Agreeing a new regulatory outcome

- Final business plans submitted in December
 - wealth of stakeholder engagement
 - working through points raised by the Challenge Group
- We will look at the whole package:
 - putting customers at the centre of the price control
 - enabling the energy networks of the future
 - allowing a fair return for investors



UK priorities and outlook Delivering innovation and efficiencies for our customers

- On track to meet our cost reduction target of £100m for FY21
- Improving the customer experience

UK

- Two new digital platforms launched:
 - 'ConnectNow': help customers with new transmission connections, and
 - 'Connect3D': standardises design for small ET connections, reducing connection costs
- Benefits to flow in to RIIO-T2



NGV & Other priorities and outlook

- Delivering Interconnector projects
 - NSL, IFA2, and Viking
 - over £900m to invest through to 2023
 - EBITDA contribution of £250m from the mid-2020s
- Continue to grow pipeline of renewable energy projects in the US
 - signed PPAs on nearly 500MW of solar projects
 - for projects to commence 2021-23



Maintaining momentum on targeting net zero



- Achieved a significant milestone, with our own emissions now 70% below 1990 levels
- · Setting more ambitious interim targets of
 - 80% reduction by 2030, and
 - 90% reduction by 2040
- Our ESG event in October will
 - set out how we plan to achieve our targets, and
 - our wider societal role of decarbonising power, heat and transport







2019/2020

- c. £2.9bn of senior long-term debt raised in 2019/20, including 13 bonds:
 - Majority raised in UK through GBP public bonds for NGET and NGG, our debut EUR green bond for NGET and a number of EMTN private placements across AUD/EUR/GBP/HKD/USD
 - US issuance lower due to \$2.5bn NGNA equity injection with Cadent proceeds
- Fully refinanced €1.25bn hybrid that was callable in June 2020

2020/21

- In early April, we issued a \$600m 10-year bond for NECO and a £400m 20-year bond for NGET, taking advantage of an improvement in market tone
- New green Export Credit Agency facilities in support of Viking interconnector
- In the rest of 2020/21 we expect further NGET issuance and issuance from our US OpCos. NGNA may issue in the second half of the fiscal year
- £5.5bn of general liquidity facilities have remained undrawn. The UK Electricity System Operator also maintains £550m of committed facilities
- Strong credit ratings: single A range for UK operating companies and the majority of US operating companies



Summary

- A year of good operational progress
- · We are managing the impacts of COVID
 - helping our most vulnerable customers
 - maintaining network reliability
 - higher near term costs, but limited long term economic impact
- Focus on our regulatory filings
 - RIIO-T2 in the UK
 - New York and Massachusetts filings in the US
- Delivering efficiently for our customers
- Creating long term value for our shareholders





Appendices

UK Electricity Transmission

Return on equity 10.2% Base return **250**bps Totex incentive 10bps Other incentives **70**bps Additional allowances Achieved return 13.5% FY19: 13.7%



- Controllable costs benefit from efficiency savings of £54m
- Capital investment up 13%:
 - Phase 2 London power tunnels
 - Hinkley Seabank
- 4.4% RAV growth

Underlying results, excluding timing, exceptional items and remeasurements

UK Gas Transmission

UK



Underlying o	operating	profit (£m)		
	32	17	12	
341	Net	Controllable costs	Depreciation & other	402
	revenue			
FY19				FY20
Capital investment		gulated set value		
£249 m	£	6 .3 bn		
FY19: £308m	FY	19: £6.2bn	-	

- Net revenue increase from
 - non repeat of Avonmouth revenue return
 - 2018 Cyber reopeners
- Controllable costs benefit from efficiency savings of £19m
- 2.3% RAV growth

US Regulated

Return on equity 8.7% New York 9.0% Massachusetts

10.3% Rhode Island

11.4% FERC

Achieved return **9.3%** FY19: **8.8%**



- Achieved 99% of the allowed return
- Net revenue increase from new rates
- Exceeded efficiency programme goal of \$30m savings
- Additional £117m provision for COVID related bad debts
- Rate base growth of 12% including \$380m CWIP transfer

Underlying results, excluding timing, exceptional items, remeasurements and major storm costs at constant currency

1 Excludes working capital

NGV

national**grid**

NG Ventures

Operating profit (£m)	Year ended 31 March 2020		Year ended 31 March 2019
Metering		158	153
Grain LNG		78	74
Interconnectors		61	64
Other		(28)	(28)
		269	263

Post tax share of JVs (£m)

22	18
	10
16	6
67	53

Total NGV (£m) 336 316

Operating profit, share of joint venture profit after tax and investment calculated at constant currency

Underlying results, excluding timing, exceptional items and remeasurements

1 Includes Britned and Nemo

Geronimo investment over £200m

- £246m increase in interconnector capital expenditure
- FY20 is peak NGV investment year



Other

national**grid**

Other activities

	١	ear ended	Year ended
Operating profit (£m)	31 March 2020		31 March 2019
Property		63	181
Corporate centre & other		(90)	(44)
		(27)	137

Post tax share of JVs (£m)		
St William	18	(17)
Other	3	4
	21	(13)

	Total Other activities (£m)	(6)	124
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Operating profit, share of joint venture profit after tax and investment calculated at constant currency

Underlying results, excluding timing, exceptional items and remeasurements

1 Excludes investment in St William joint venture

- Non recurrence of
 - Fulham transaction
 - US legal settlements

Total investment¹

£70m

FY19: **£179m**

- US IT investment now included in Regulated segment (FY19 £87m)
- NG Partners investment £61m