



Climate Change 2017 Information Request CNX Coal Resources, LP

Module: Introduction

CDP

Module: Introduction

CC0.1

Introduction

Please give a general description and introduction to your organization.

Headquartered in Canonsburg, Pennsylvania, CNX Coal Resources LP (NYSE: CNXC) is a Pittsburgh-based growth-oriented master limited partnership which is focused on managing and growing its thermal coal operations. CNXC owns 25% undivided interest in, and operational control over, CONSOL Energy, Inc.'s Pennsylvania mining complex. The Pennsylvania mining complex consists of three underground mines and related infrastructure that produce high-Btu bituminous thermal coal that is sold primarily to electricity generators in the eastern United States. Additional information can be found at www.cnxlp.com.

CC0.2

Reporting Year

Please state the start and end date of the year for which you are reporting data.

The current reporting year is the latest/most recent 12-month period for which data is reported. Enter the dates of this year first.

We request data for more than one reporting period for some emission accounting questions. Please provide data for the three years prior to the current reporting year if you have not provided this information before, or if this is the first time you have answered CDP information request. (This does not apply if you have been offered and selected the option of answering the shorter questionnaire). If you are going to provide additional years of data, please give the dates of those reporting periods here. Work backwards from the most recent reporting year.

Please enter dates in following format: day/month/year (in full i.e. 2001).

Enter Periods that will be disclosed

Enter Periods that will be disclosed

Fri 01 Jan 2016 - Sat 31 Dec 2016

CC0.3

Country list configuration

Please select the countries for which you will be supplying data.

Select country

United States of America

CC0.4

Currency selection

Please select the currency in which you would like to submit your response. All financial information contained in the response should be in this currency.

USD(\$)

CC0.5

Please select if you wish to complete a shorter information request.

Module: Management

Page: CC1. Governance

CC1.1

Where is the highest level of direct responsibility for climate change within your organization?

Senior Manager/Officer

CC1.1a

Please identify the position of the individual or name of the committee with this responsibility

President

CC1.2

Do you provide incentives for the management of climate change issues, including the attainment of targets?

Yes

CC1.2a

Please provide further details on the incentives provided for the management of climate change issues

Who is entitled to benefit from these incentives?	The type of incentives	Incentivized performance indicator	Comment
All employees	Monetary reward	Efficiency project Supply chain engagement Other: Incident Reduction	CNXC's employee Short Term Incentive Compensation (STIC) program is based on full compliance with all permits, laws, and company key performance indicators, including those associated with our air quality permits. Safety, environmental, and operational efficiency targets are set at the beginning of the year and the amount of payment or lack thereof is calculated from that basis. 100% compliance is our target and expectation.

Further Information

Page: CC2. Strategy

CC2.1

Please select the option that best describes your risk management procedures with regard to climate change risks and opportunities

Integrated into multi-disciplinary company wide risk management processes

CC2.1a

Please provide further details on your risk management procedures with regard to climate change risks and opportunities

Frequency of monitoring	To whom are results reported?	Geographical areas considered	How far into the future are risks considered?	Comment
Annually	Senior manager/officer	Entire Operating Area - United States	1 to 3 years	CNXC identifies risk using drafted future climate change legislative and regulatory requirements as its basis. Forecasting these updates help to identify risks that may have not been previously considered and provide the catalyst for change. Management is responsible for regular examination of possible risk factors and for the development and implementation of risk reduction strategies as a result of these changes. Business risk factors are presented in our SEC 10K reporting, evaluated, and presented annually to the board of directors.

CC2.1b

Please describe how your risk and opportunity identification processes are applied at both company and asset level

At the company level, CNXC discloses material risks in the Company's regulatory filings. These material risks encompass financial, regulatory, and environmental factors that are reviewed by the senior management team and the Board of Directors. These factors are determined based on a multidisciplinary enterprise risk management process, which includes prioritization of risks through the development of heat maps that assess the likelihood and impact of risk occurrence.

Operational risks are routinely evaluated and managed through protocols defined in the Company's Environmental Management System (EMS). Regular operations meetings with upper management involve the identification of critical facilities, which would have a large negative impact on the company should they be forced to shut down, and the risks which accompany their operation. Specific risk mitigation measures are identified for a multitude of situations, ranging from adverse weather factors to legislative action related to emission limits. Prior to making any operational changes, we employ a Management of Change process, which includes an evaluation of the safety and environmental impacts associated with the proposed change. Associated risk mitigation plans are subsequently generated as needed.

CC2.1c**How do you prioritize the risks and opportunities identified?**

CNXC employs a heat mapping approach to enterprise risks and identifies management strategies to reduce the probability of impact to the company. Enterprise risk is assessed by all of senior management and presented to the board of directors annually for their review.

CC2.1d

Please explain why you do not have a process in place for assessing and managing risks and opportunities from climate change, and whether you plan to introduce such a process in future

Main reason for not having a process	Do you plan to introduce a process?	Comment
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CC2.2**Is climate change integrated into your business strategy?**

Yes

CC2.2a

Please describe the process of how climate change is integrated into your business strategy and any outcomes of this process

CC2.2b

Please explain why climate change is not integrated into your business strategy

CC2.2c

Does your company use an internal price on carbon?

No, and we currently don't anticipate doing so in the next 2 years

CC2.2d

Please provide details and examples of how your company uses an internal price on carbon

CC2.3

Do you engage in activities that could either directly or indirectly influence public policy on climate change through any of the following? (tick all that apply)

Direct engagement with policy makers
Trade associations

CC2.3a

On what issues have you been engaging directly with policy makers?

Focus of legislation	Corporate Position	Details of engagement	Proposed legislative solution
Regulation of methane emissions		Direct submittal of comments to agencies, participation in technical evaluations completed by industry trade associations.	

CC2.3b

Are you on the Board of any trade associations or provide funding beyond membership?

Yes

CC2.3c

Please enter the details of those trade associations that are likely to take a position on climate change legislation

Trade association	Is your position on climate change consistent with theirs?	Please explain the trade association's position	How have you, or are you attempting to, influence the position?
National Mining Association (NMA)	Consistent	NMA is committed to playing a constructive role in the development and adoption of policies and technologies to address global climate change concerns and the inextricably linked issues of domestic and global energy supply and security, economic growth and development, and other environmental and social issues.	Through our membership in these organizations, we support the constructive dialogue, policy development, and technology innovation that balance economic, environmental, and social issues to improve shareholder return on investment.
West Virginia Coal Association	Consistent	WVCA is committed to playing a constructive role in the development and adoption of policies and technologies to address global climate change concerns and the inextricably linked issues of domestic and global energy supply and security, economic growth and development, and other environmental and social issues.	Through our membership in these organizations, we support the constructive dialogue, policy development, and technology innovation that balance economic, environmental, and social issues to improve shareholder return on investment.

CC2.3d

Do you publicly disclose a list of all the research organizations that you fund?

CC2.3e

Please provide details of the other engagement activities that you undertake

CC2.3f

What processes do you have in place to ensure that all of your direct and indirect activities that influence policy are consistent with your overall climate change strategy?

CNXC’s environmental specialists review and participate alongside industry trade groups in development of draft regulation and rule makings. Prior to formal participation in this process or regulatory comment submittal, management and company leadership is informed of regulatory developments and proposed impacts on our operational activities and long range plan. In addition, annual budget and research project commitments are reviewed by upper management.

CC2.3g

Please explain why you do not engage with policy makers

Further Information

Page: CC3. Targets and Initiatives

CC3.1

Did you have an emissions reduction or renewable energy consumption or production target that was active (ongoing or reached completion) in the reporting year?

No

CC3.1a

Please provide details of your absolute target

ID	Scope	% of emissions in scope	% reduction from base year	Base year	Base year emissions covered by target (metric tonnes CO ₂ e)	Target year	Is this a science-based target?	Comment
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CC3.1b

Please provide details of your intensity target

ID	Scope	% of emissions in scope	% reduction from base year	Metric	Base year	Normalized base year emissions covered by target	Target year	Is this a science-based target?	Comment
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CC3.1c

Please also indicate what change in absolute emissions this intensity target reflects

ID	Direction of change anticipated in absolute Scope 1+2 emissions at target completion?	% change anticipated in absolute Scope 1+2 emissions	Direction of change anticipated in absolute Scope 3 emissions at target completion?	% change anticipated in absolute Scope 3 emissions	Comment
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CC3.1d

Please provide details of your renewable energy consumption and/or production target

ID	Energy types covered by target	Base year	Base year energy for energy type covered (MWh)	% renewable energy in base year	Target year	% renewable energy in target year	Comment
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CC3.1e

For all of your targets, please provide details on the progress made in the reporting year

ID	% complete (time)	% complete (emissions or renewable energy)	Comment
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CC3.1f

Please explain (i) why you do not have a target; and (ii) forecast how your emissions will change over the next five years

i.) 2016 marked the first full year of CNXC's operational control over the Pennsylvania Mining Complex. As we solidify our position and operational strategies, our baseline should settle into a more predictable value allowing us to set a more accurate future target. This will allow us to develop targets that will be more representative of our actual operations in the future.

ii.) Stabilization of our baseline emissions will likely be achieved in the next 2 -3 years. We do not forecast an increase in operational emissions in the next five years, as we realize the benefits of operational efficiencies, implement GHG reduction initiatives, and continuously improve our best management practices.

CC3.2

Do you classify any of your existing goods and/or services as low carbon products or do they enable a third party to avoid GHG emissions?

No

CC3.2a

Please provide details of your products and/or services that you classify as low carbon products or that enable a third party to avoid GHG emissions

Level of aggregation	Description of product/Group of products	Are you reporting low carbon product/s or avoided emissions?	Taxonomy, project or methodology used to classify product/s as low carbon or to calculate avoided emissions	% revenue from low carbon product/s in the reporting year	% R&D in low carbon product/s in the reporting year	Comment
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CC3.3

Did you have emissions reduction initiatives that were active within the reporting year (this can include those in the planning and/or implementation phases)

Yes

CC3.3a

Please identify the total number of projects at each stage of development, and for those in the implementation stages, the estimated CO2e savings

Stage of development	Number of projects	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation		
To be implemented*		
Implementation commenced*	1	500
Implemented*	1	183000
Not to be implemented		

CC3.3b

For those initiatives implemented in the reporting year, please provide details in the table below

Activity type	Description of activity	Estimated annual CO2e savings (metric tonnes CO2e)	Scope	Voluntary/ Mandatory	Annual monetary savings (unit currency - as specified in CC0.4)	Investment required (unit currency - as specified in CC0.4)	Payback period	Estimated lifetime of the initiative	Comment
Other	Methane Destruction: CNXC worked with Environmental Commodities Corporation to	183000	Scope 1	Voluntary				Ongoing	

Activity type	Description of activity	Estimated annual CO2e savings (metric tonnes CO2e)	Scope	Voluntary/Mandatory	Annual monetary savings (unit currency - as specified in CC0.4)	Investment required (unit currency - as specified in CC0.4)	Payback period	Estimated lifetime of the initiative	Comment
	evaluate abatement technologies for methane vents on active mines in Pennsylvania.								
Other	Energy Use Evaluations: We are now implementing EnerNOC's Energy Intelligence Software to provide near-real-time information on energy use, demand and costs greatly improving its visibility to relevant employees. The software also estimates CO2 emissions based on monthly utility bills. Associated analytical tools allow us to compare and rank facilities based upon energy efficiency, to determine actual energy savings from investments or process changes, to evaluate energy efficiency over time, and much more. We expect that this improved visibility and the associated analytics will allow us to improve energy efficiency; to better control energy use, demand and cost; and to inform our investment decision-making process. All resulting reductions in energy use will directly reduce emissions from energy generation.	500	Scope 1 Scope 3	Voluntary				Ongoing	

CC3.3c

What methods do you use to drive investment in emissions reduction activities?

Method	Comment
Compliance with regulatory requirements/standards	Because of continuously evolving regulations, such as the GHG Mandatory Reporting Rule and the New Source Performance Standards, CNXC continually explores new options to maintain compliance with developing regulatory

Method	Comment
	requirements.
Dedicated budget for other emissions reduction activities	CNXC dedicates a portion of the Environmental budget to air compliance and emissions reductions.
Partnering with governments on technology development	CNXC dedicates a portion of the Environmental budget to air compliance and emissions reductions.

CC3.3d

If you do not have any emissions reduction initiatives, please explain why not

Further Information

Page: CC4. Communication

CC4.1

Have you published information about your organization’s response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s)

Publication	Status	Page/Section reference	Attach the document	Comment
In other regulatory filings	Complete	Pages 17, 20, 27, and 28	https://www.cdp.net/sites/2017/75/73475/Climate Change 2017/Shared Documents/Attachments/CC4.1/CNXC (CNX Coal Resources LP representing limited partner interests) (10-K) 2017-02-08.pdf	CNXC's Annual Report on form 10-K is a required publication. It is filed with the Securities and Exchange Commission (SEC) in the U.S.

Further Information

Module: Risks and Opportunities

Page: CC5. Climate Change Risks

CC5.1

Have you identified any inherent climate change risks that have the potential to generate a substantive change in your business operations, revenue or expenditure? Tick all that apply

Risks driven by changes in regulation

Risks driven by changes in other climate-related developments

CC5.1a

Please describe your inherent risks that are driven by changes in regulation

Risk driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
International agreements	Kyoto and post-Kyoto protocols	Reduced demand for goods/services	>6 years	Indirect (Client)	Likely	Medium-high	Possible financial implications include cost of compliance associated with legislative or regulatory changes.	CNXC actively engages both directly and indirectly with legislative and regulatory policy makers to mitigate direct impact to its operations.	CNXC includes the cost of management of GHG emissions within its environmental compliance budget.
Carbon taxes	Any legislation that passes the U.S. Congress that may implement a carbon tax	Increased capital cost	Unknown	Direct	Unknown	Low-medium	Possible financial implications include cost of compliance associated with legislative or regulatory	CNXC actively engages both directly and indirectly with legislative and regulatory policy makers to mitigate direct impact to its	CNXC includes the cost of management of GHG emissions within its environmental

Risk driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
							changes.	operations.	compliance budget.
Cap and trade schemes	Any legislation that passes the U.S. Congress that imposes a carbon trading mechanism on major emitters	Reduced demand for goods/services	Unknown	Indirect (Client)	Unknown	Unknown	Possible financial implications include cost of compliance associated with legislative or regulatory changes.	CNXC actively engages both directly and indirectly with legislative and regulatory policy makers to mitigate direct impact to its operations.	CNXC includes the cost of management of GHG emissions within its environmental compliance budget.
General environmental regulations, including planning	Ability to obtain and maintain necessary operating permits in a timely manner is critical to the continued operation of CNXC's assets	Reduction/disruption in production capacity	1 to 3 years	Direct	About as likely as not	Medium-high	Possible financial implications include cost of compliance associated with legislative or regulatory changes.	CNXC monitors all emerging environmental issues that may potentially impact its business through its EMS program and Environmental Staff. Awareness is raised through our Corporate Communications Program.	CNXC includes the cost of management of GHG emissions within its environmental compliance budget.
Fuel/energy taxes and regulations	Increasing fuel taxes would raise the cost of fuel purchased by CNXC to operate equipment.	Increased operational cost	Unknown	Direct	About as likely as not	Low-medium	Possible financial implications include increased operational cost associated with an increase in Fuel/Energy taxes and other	CNXC actively engages both directly and indirectly with legislative and regulatory policy makers to mitigate direct impact to its operations.	CNXC includes fuel purchase expenses in its operational budget and forecast.

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
							expenses incurred to maintain compliance with regulatory changes.		

CC5.1b

Please describe your inherent risks that are driven by changes in physical climate parameters

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management

CC5.1c

Please describe your inherent risks that are driven by changes in other climate-related developments

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
Fluctuating socio-economic conditions	Economic downturns and low commodity prices have resulted in reduced coal demand by	Reduced demand for goods/services	3 to 6 years	Direct	About as likely as not	Medium	Possible financial implications include a reduction in sales of energy products and	CNXC seeks to minimize direct commodity exposure through multiyear sales contracts, and looks for opportunities in both domestic and	

Risk driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
	utilities.						revenue.	international markets. We focus our capital investments to optimize our mining operations and infrastructure to maintain low operating costs.	
Reputation	As a coal producer, CNXC can allocate resources to meet demands in the energy market, but we remain a fossil-fuel based company.	Inability to do business	1 to 3 years	Direct	About as likely as not	Medium	Possible financial implications include a reduction in sales of energy products and revenue.	CNXC believes long term utilization of our coal is vital, and to that end, we continue to voluntarily investigate and implement emissions reduction initiatives and environmental controls that will facilitate continued, compliant coal production for our customers into the future.	

CC5.1d

Please explain why you do not consider your company to be exposed to inherent risks driven by changes in regulation that have the potential to generate a substantive change in your business operations, revenue or expenditure

CC5.1e

Please explain why you do not consider your company to be exposed to inherent risks driven by changes in physical climate parameters that have the potential to generate a substantive change in your business operations, revenue or expenditure

CC5.1f

Please explain why you do not consider your company to be exposed to inherent risks driven by changes in other climate-related developments that have the potential to generate a substantive change in your business operations, revenue or expenditure

Further Information

Page: CC6. Climate Change Opportunities

CC6.1

Have you identified any inherent climate change opportunities that have the potential to generate a substantive change in your business operations, revenue or expenditure? Tick all that apply

CC6.1a

Please describe your inherent opportunities that are driven by changes in regulation

Opportunity driver	Description	Potential impact	Timeframe	Direct/Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
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CC6.1b

Please describe your inherent opportunities that are driven by changes in physical climate parameters

Opportunity driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
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CC6.1c

Please describe your inherent opportunities that are driven by changes in other climate-related developments

Opportunity driver	Description	Potential impact	Timeframe	Direct/ Indirect	Likelihood	Magnitude of impact	Estimated financial implications	Management method	Cost of management
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CC6.1d

Please explain why you do not consider your company to be exposed to inherent opportunities driven by changes in regulation that have the potential to generate a substantive change in your business operations, revenue or expenditure

Our current business strategy is to provide high BTU thermal coal to low heat rate, well controlled and capitalized electricity generating plants in the domestic market. We also sell high-volatile crossover coal in the export metallurgical market.

CC6.1e

Please explain why you do not consider your company to be exposed to inherent opportunities driven by changes in physical climate parameters that have the potential to generate a substantive change in your business operations, revenue or expenditure

Impacts to markets from climate change regulation are likely more substantive than any opportunities from physical changes due to climate change. Physical changes do not represent a substantive impact to CNXC's business, because we do not operate in areas prone to water scarcity, changes in sea levels, or to radical temperature variations due to climate change. In addition, these potential changes will occur slowly over decades allowing CNXC to alter our business operations accordingly.

CC6.1f

Please explain why you do not consider your company to be exposed to inherent opportunities driven by changes in other climate-related developments that have the potential to generate a substantive change in your business operations, revenue or expenditure

Further Information

Module: GHG Emissions Accounting, Energy and Fuel Use, and Trading

Page: CC7. Emissions Methodology

CC7.1

Please provide your base year and base year emissions (Scopes 1 and 2)

Scope	Base year	Base year emissions (metric tonnes CO2e)
Scope 1	Fri 01 Jan 2016 - Sat 31 Dec 2016	4932990
Scope 2 (location-based)	Fri 01 Jan 2016 - Sat 31 Dec 2016	451630

CC7.2

Please give the name of the standard, protocol or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions

Please select the published methodologies that you use

US EPA Mandatory Greenhouse Gas Reporting Rule

US EPA Climate Leaders: Indirect Emissions from Purchases/Sales of Electricity and Steam

CC7.2a

If you have selected "Other" in CC7.2 please provide details of the standard, protocol or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions

CC7.3

Please give the source for the global warming potentials you have used

Gas	Reference
CO2	IPCC Fifth Assessment Report (AR5 - 100 year)
CH4	IPCC Fifth Assessment Report (AR5 - 100 year)
N2O	IPCC Fifth Assessment Report (AR5 - 100 year)

CC7.4

Please give the emissions factors you have applied and their origin; alternatively, please attach an Excel spreadsheet with this data at the bottom of this page

Fuel/Material/Energy	Emission Factor	Unit	Reference
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Fuel/Material/Energy	Emission Factor	Unit	Reference
			Emission factors are attached below.

Further Information

Page: CC8. Emissions Data - (1 Jan 2016 - 31 Dec 2016)

CC8.1

Please select the boundary you are using for your Scope 1 and 2 greenhouse gas inventory

Operational control

CC8.2

Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e

4932990

CC8.3

Please describe your approach to reporting Scope 2 emissions

Scope 2, location-based	Scope 2, market-based	Comment
We are reporting a Scope 2, location-based figure		

CC8.3a

Please provide your gross global Scope 2 emissions figures in metric tonnes CO₂e

Scope 2, location-based	Scope 2, market-based (if applicable)	Comment
451630		

CC8.4

Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure?

No

CC8.4a

Please provide details of the sources of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure

Source	Relevance of Scope 1 emissions from this source	Relevance of location-based Scope 2 emissions from this source	Relevance of market-based Scope 2 emissions from this source (if applicable)	Explain why the source is excluded
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CC8.5

Please estimate the level of uncertainty of the total gross global Scope 1 and 2 emissions figures that you have supplied and specify the sources of uncertainty in your data gathering, handling and calculations

Scope	Uncertainty range	Main sources of uncertainty	Please expand on the uncertainty in your data
Scope 1	More than 2% but less than or equal to 5%	Assumptions Metering/ Measurement Constraints Sampling	Emissions factors were utilized in the calculation of emissions for some parameters, in accordance with EPA's GHG MRR.
Scope 2 (location-based)	More than 2% but less than or equal to 5%	Assumptions Metering/ Measurement Constraints Sampling	All data is from invoices and receipts from electric providers, and uncertainty may come from their monitoring.

CC8.6

Please indicate the verification/assurance status that applies to your reported Scope 1 emissions

No third party verification or assurance

CC8.6a

Please provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements

Verification or assurance cycle in place	Status in the current reporting year	Type of verification or assurance	Attach the statement	Page/section reference	Relevant standard	Proportion of reported Scope 1 emissions verified (%)

CC8.6b

Please provide further details of the regulatory regime to which you are complying that specifies the use of Continuous Emission Monitoring Systems (CEMS)

Regulation	% of emissions covered by the system	Compliance period	Evidence of submission
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CC8.7

Please indicate the verification/assurance status that applies to at least one of your reported Scope 2 emissions figures

No third party verification or assurance

CC8.7a

Please provide further details of the verification/assurance undertaken for your location-based and/or market-based Scope 2 emissions, and attach the relevant statements

Location-based or market-based figure?	Verification or assurance cycle in place	Status in the current reporting year	Type of verification or assurance	Attach the statement	Page/Section reference	Relevant standard	Proportion of reported Scope 2 emissions verified (%)
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CC8.8

Please identify if any data points have been verified as part of the third party verification work undertaken, other than the verification of emissions figures reported in CC8.6, CC8.7 and CC14.2

Additional data points verified	Comment
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CC8.9

Are carbon dioxide emissions from biologically sequestered carbon relevant to your organization?

No

CC8.9a

Please provide the emissions from biologically sequestered carbon relevant to your organization in metric tonnes CO2

Further Information

Page: CC9. Scope 1 Emissions Breakdown - (1 Jan 2016 - 31 Dec 2016)

CC9.1

Do you have Scope 1 emissions sources in more than one country?

No

CC9.1a

Please break down your total gross global Scope 1 emissions by country/region

Country/Region	Scope 1 metric tonnes CO2e

CC9.2

Please indicate which other Scope 1 emissions breakdowns you are able to provide (tick all that apply)

By facility

CC9.2a

Please break down your total gross global Scope 1 emissions by business division

Business division	Scope 1 emissions (metric tonnes CO2e)
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CC9.2b

Please break down your total gross global Scope 1 emissions by facility

Facility	Scope 1 emissions (metric tonnes CO2e)	Latitude	Longitude
PA Mining Complex	4932990		

CC9.2c

Please break down your total gross global Scope 1 emissions by GHG type

GHG type	Scope 1 emissions (metric tonnes CO2e)
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CC9.2d

Please break down your total gross global Scope 1 emissions by activity

Activity	Scope 1 emissions (metric tonnes CO2e)
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Further Information

Please note that CNXC operates as a single business unit, and has operational control over the Pennsylvania Mining Complex.

Page: CC10. Scope 2 Emissions Breakdown - (1 Jan 2016 - 31 Dec 2016)

CC10.1

Do you have Scope 2 emissions sources in more than one country?

No

CC10.1a

Please break down your total gross global Scope 2 emissions and energy consumption by country/region

Country/Region	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)	Purchased and consumed electricity, heat, steam or cooling (MWh)	Purchased and consumed low carbon electricity, heat, steam or cooling accounted in market-based approach (MWh)
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CC10.2

Please indicate which other Scope 2 emissions breakdowns you are able to provide (tick all that apply)

By facility

CC10.2a

Please break down your total gross global Scope 2 emissions by business division

Business division	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)
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CC10.2b

Please break down your total gross global Scope 2 emissions by facility

Facility	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)
PA Mining Complex	451630	

CC10.2c

Please break down your total gross global Scope 2 emissions by activity

Activity	Scope 2, location-based (metric tonnes CO2e)	Scope 2, market-based (metric tonnes CO2e)
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Further Information

Page: CC11. Energy

CC11.1

What percentage of your total operational spend in the reporting year was on energy?

More than 10% but less than or equal to 15%

CC11.2

Please state how much heat, steam, and cooling in MWh your organization has purchased and consumed during the reporting year

Energy type	MWh
Heat	125352
Cooling	89537

CC11.3

Please state how much fuel in MWh your organization has consumed (for energy purposes) during the reporting year

79383

CC11.3a

Please complete the table by breaking down the total "Fuel" figure entered above by fuel type

Fuels	MWh
Diesel/Gas oil	79383

CC11.4

Please provide details of the electricity, heat, steam or cooling amounts that were accounted at a low carbon emission factor in the market-based Scope 2 figure reported in CC8.3a

Basis for applying a low carbon emission factor	MWh consumed associated with low carbon electricity, heat, steam or cooling	Emissions factor (in units of metric tonnes CO2e per MWh)	Comment
No purchases or generation of low carbon electricity, heat, steam or cooling accounted with a low carbon emissions factor			

CC11.5

Please report how much electricity you produce in MWh, and how much electricity you consume in MWh

Total electricity consumed (MWh)	Consumed electricity that is purchased (MWh)	Total electricity produced (MWh)	Total renewable electricity produced (MWh)	Consumed renewable electricity that is produced by company (MWh)	Comment
716297	716297	0	0	0	

Further Information

Page: CC12. Emissions Performance

CC12.1

How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to the previous year?

Decreased

CC12.1a

Please identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined) and for each of them specify how your emissions compare to the previous year

Reason	Emissions value (percentage)	Direction of change	Please explain and include calculation
Emissions reduction activities			
Divestment			
Acquisitions			
Mergers			
Change in output			
Change in methodology			
Change in boundary			
Change in physical operating conditions			
Unidentified			
Other	12	Decrease	In 2016, CNXC assumed operational control of CONSOL Energy's Pennsylvania Mining Complex (PAMC). In previous years, PAMC emissions were included in CONSOL Energy's total emissions. The reduction in emissions at PAMC in 2016 can be attributed to the consolidation of office locations (scope 2), and operational efficiencies implemented at the coal preparation facility (scope 1).

CC12.1b

Is your emissions performance calculations in CC12.1 and CC12.1a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Location-based

CC12.2

Please describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tonnes CO2e per unit currency total revenue

Intensity figure =	Metric numerator (Gross global combined Scope 1 and 2 emissions)	Metric denominator: Unit total revenue	Scope 2 figure used	% change from previous year	Direction of change from previous year	Reason for change
1852	metric tonnes CO2e	2663.95	Location-based		N/A	Please note figure is reported as Metric tons/\$100,000 coal sales revenue. In addition, 2016 marks the first full calendar year of CNXC's revenue reporting and consequently, no comparison to prior years' performance on a revenue intensity basis is possible.

CC12.3

Please provide any additional intensity (normalized) metrics that are appropriate to your business operations

Intensity figure =	Metric numerator (Gross global combined Scope 1 and 2 emissions)	Metric denominator	Metric denominator: Unit total	Scope 2 figure used	% change from previous year	Direction of change from previous year	Reason for change
3039	metric tonnes CO2e	full time equivalent (FTE) employee	1623	Location-based		N/A	Please note that 2016 marks the first full calendar year of CNXC's operation and consequently, no comparison to prior years' performance on a revenue intensity basis is possible.
800	metric tonnes CO2e	Other: coal production volumes	6166	Location-based		N/A	Please note figure is reported as Metric tons/1000 tons of coal produced. In addition, 2016 marks the first full calendar year of CNXC's operation and consequently, no comparison to prior years' performance on a revenue intensity basis is possible.

Further Information

Page: CC13. Emissions Trading

CC13.1

Do you participate in any emissions trading schemes?

No, and we do not currently anticipate doing so in the next 2 years

CC13.1a

Please complete the following table for each of the emission trading schemes in which you participate

Scheme name	Period for which data is supplied	Allowances allocated	Allowances purchased	Verified emissions in metric tonnes CO2e	Details of ownership

CC13.1b

What is your strategy for complying with the schemes in which you participate or anticipate participating?

CC13.2

Has your organization originated any project-based carbon credits or purchased any within the reporting period?

No

CC13.2a

Please provide details on the project-based carbon credits originated or purchased by your organization in the reporting period

Credit origination or credit purchase	Project type	Project identification	Verified to which standard	Number of credits (metric tonnes CO2e)	Number of credits (metric tonnes CO2e): Risk adjusted volume	Credits canceled	Purpose, e.g. compliance
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Further Information

Page: CC14. Scope 3 Emissions

CC14.1

Please account for your organization’s Scope 3 emissions, disclosing and explaining any exclusions

Sources of Scope 3 emissions	Evaluation status	metric tonnes CO2e	Emissions calculation methodology	Percentage of emissions calculated using data obtained from suppliers or value chain partners	Explanation
Purchased goods and services	Not evaluated				
Capital goods	Not evaluated				
Fuel-and-energy-related activities (not included in Scope 1 or 2)	Not relevant, explanation provided				All fuel and energy related activities are accounted for in Scope 2 emissions calculations.
Upstream transportation and distribution	Not evaluated				
Waste generated in operations	Not evaluated				

Sources of Scope 3 emissions	Evaluation status	metric tonnes CO2e	Emissions calculation methodology	Percentage of emissions calculated using data obtained from suppliers or value chain partners	Explanation
Business travel	Not relevant, explanation provided				The vast majority of travel conducted for CNXC business purposes occurs within our operating area by company fleet vehicles. Fuel usage associated with business travel are incorporated into our Scope 2 emission calculations.
Employee commuting	Relevant, calculated	7256	Estimated using emissions factors published by the USEPA Center for Corporate Climate Leadership GHG Emission Factors Hub.	0%	
Upstream leased assets	Not relevant, explanation provided				CNXC does not have any upstream leased assets.
Downstream transportation and distribution	Not evaluated				
Processing of sold products	Not evaluated				
Use of sold products	Relevant, calculated	13343169	Emissions were calculated assuming all products were fully combusted using EPA Emission Factors.	0%	
End of life treatment of sold products	Not relevant, explanation provided				The coal we produce is ultimately consumed during its use. Our scope 3 “use of sold products” emissions are calculated based on this assumption. Because our product’s ultimate consumption, the end of life treatment of sold products is not relevant.
Downstream leased assets	Not relevant, explanation provided				CNXC does not have any downstream leased assets.
Franchises	Not relevant, explanation provided				CNXC does not have any franchises.
Investments	Not relevant, explanation				CNXC does not have any investments outside of our core business of coal production.

Sources of Scope 3 emissions	Evaluation status	metric tonnes CO2e	Emissions calculation methodology	Percentage of emissions calculated using data obtained from suppliers or value chain partners	Explanation
	provided				
Other (upstream)					
Other (downstream)					

CC14.2

Please indicate the verification/assurance status that applies to your reported Scope 3 emissions

No third party verification or assurance

CC14.2a

Please provide further details of the verification/assurance undertaken, and attach the relevant statements

Verification or assurance cycle in place	Status in the current reporting year	Type of verification or assurance	Attach the statement	Page/Section reference	Relevant standard	Proportion of reported Scope 3 emissions verified (%)

CC14.3

Are you able to compare your Scope 3 emissions for the reporting year with those for the previous year for any sources?

Yes

CC14.3a

Please identify the reasons for any change in your Scope 3 emissions and for each of them specify how your emissions compare to the previous year

Sources of Scope 3 emissions	Reason for change	Emissions value (percentage)	Direction of change	Comment
Use of sold products	Change in boundary	8%	Increase	In 2016, CNXC assumed operational control of the Pennsylvania Mining Complex. Between 2015 and 2016, total coal production increased by 8%, and the increase in scope 3 emissions can be attributed to production, as Scope 3 estimates assume that 100% of coal produced is consumed in electricity generation.

CC14.4

Do you engage with any of the elements of your value chain on GHG emissions and climate change strategies? (Tick all that apply)

- Yes, our suppliers
- Yes, other partners in the value chain

CC14.4a

Please give details of methods of engagement, your strategy for prioritizing engagements and measures of success

CNXC has established company-wide performance metrics and utilizes a series of Key Performance Indicators (KPIs) to track attainment of these metrics. These metrics, which include air compliance, are a component of incentive compensation plans for all employees. Subsequently, contractor performance is evaluated against HSE specific KPIs, and the outcomes of contractor performance reviews help determine the contractors and service suppliers that we do business with.

CC14.4b

To give a sense of scale of this engagement, please give the number of suppliers with whom you are engaging and the proportion of your total spend that they represent

Type of engagement	Number of suppliers	% of total spend (direct and indirect)	Impact of engagement
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CC14.4c

Please explain why you do not engage with any elements of your value chain on GHG emissions and climate change strategies, and any plans you have to develop an engagement strategy in the future

Further Information

Module: Sign Off

Page: CC15. Sign Off

CC15.1

Please provide the following information for the person that has signed off (approved) your CDP climate change response

Name	Job title	Corresponding job category
Katharine A. Fredriksen	President	President