## **Request Number 1:**

## Question 2:

- a) Can ARTC please provide planned versus actual expenditure and scope for the <u>'full track</u> <u>reconstruction'</u> activity and indicate the extent to which floods and other factors contributed to the variance?
- b) Considering the 2021 floods, could you please outline any precautions ARTC has undertaken to mitigate the impact of extreme weather events?

## Advice:

a) Can ARTC please provide planned versus actual expenditure and scope for the <u>'full track</u> <u>reconstruction'</u> activity and indicate the extent to which floods and other factors contributed to the variance?

#### 2021 Planned V's Actual

The table below provides the 2021 plan and actual \$'s and scope along with the comparison to 2020 actuals. The increase from 2020 to 2021 was as planned.

Activity		2020 (act) (a)	2021 (plan) (b)	2021 (act) (c)	% Variance 2020 (act) v 2021 (act) (c)/(a)-1
Full Track Reconstruction (MPM)	\$ (000's)	7,812	11,187	10,546	35.0%
	Scope (m)	1,860	2,561	2,486	33.7%

## Background: How is Scope Determined?

The track reconditioning scope is planned in the year prior to delivery (ie 2020 for 2021) and is therefore influenced by the track conditions present at the time. Track condition parameters are influenced by factors including asset age / condition, rainfall, drainage and tonnage demand.

To determine the annual scope, ARTC utilises a multi-criteria analysis (MCA) which considers both track condition and network criticality factors to ensure the site selections are based on likelihood and consequence of failure.

Track condition parameters used in the MCA include geometry defects, maintenance history, top moving sum (TMS), temporary speed restrictions (TSR's), ballast fouling and formation layer roughness.

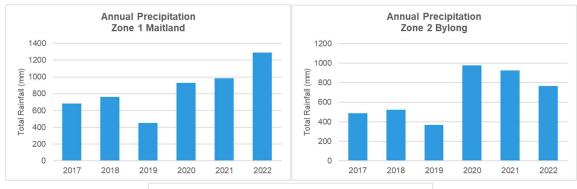
Criticality parameters used in the MCA include tonnage demand, asset type (eg formation in a tunnel), TSR duration (loaded direction), track radius, track gradient and location risk for emergency work response.

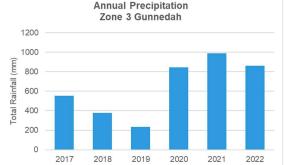
The MCA is used to identify and classify which projects are capital sites (>200m) and which are maintenance sites (<200m). The year-on-year variations of scheduled maintenance for Track Reconditioning can be influenced due purely to the length of the reconditioning required and the classification it receives.

#### What Factors Influenced the 2021 Scope increase?

The scope increase during 2021 was primarily influenced by track conditions which could be attributed to an increase in rainfall. Rainfall can impact asset performance and the key track condition parameters used to determine track reconditioning scope. 2020 saw an increase in annual rainfall after several years of relatively dry conditions. While flood events also have an impact on track formation (particularly emerging emergency works) it is prolonged wet conditions which will contribute most to ongoing track performance and therefore the maintenance requirements.

The increased rainfall in 2020 contributed to the deteriorating track condition seen in that period and hence the need for the increase in track reconditioning maintenance scope identified for 2021.





The severe March flooding in 2021 resulted in the decision to move the scheduled April closedown until later in the month to ensure ARTC was able to complete the planned April scope. This also allowed customers to move product immediately post recovery of floods and not have an immediate track outage due to scheduled maintenance. The floods and subsequent rescheduling of the closedown required the short notice cancellations of contractors, materials and equipment which resulted in additional costs relating to demobilisation and remobilisation of planned works and sites.

## b) Considering the 2021 floods, could you please outline any precautions ARTC has undertaken to mitigate the impact of extreme weather events?

Flooding can not only influence track condition and ongoing maintenance costs but can also impact the cost of projects due to site damage, re-work, delays and re-mobilisation costs.

To completely mitigate the impacts of flooding events would be cost prohibitive and would have many practical barriers to achievement. Holistic customer benefits of major flood mitigation initiatives on the Hunter Valley rail network are also limited as the same major weather events also impact on other operations within the supply chain.

Instead, ARTC focus on achievable initiatives that minimise the impacts of such extreme events and aid with recovery. Some of these include:

• Flooding Special Locations

ARTC have a register of flooding locations based on historical flood events. These sites are listed in ARTC's asset register and are identified in the weather warning system. This flooding knowledge allows rail network maintainers to focus maintenance work, asset strategies and flood recovery work. It also allows projects managers to plan appropriately when delivering projects at one of these locations.

• Weather Warning System

During 2021 ARTC had engaged the services of a contract weather reporting provider, to push out alerts both on forecast and actual weather events (rainfall, wind, fire, etc) This gave ARTC the ability to assess and mitigate risks to the operating network during extreme weather event in real time and in accordance with the Extreme Weather Response framework.

Furthermore, ARTC have recently partnered with Weatherzone to produce a customisable dashboard that provides live weather observations and alerts to teams across our network. It's available to all ARTC employees and can also be accessed by contractors on request. The dashboard can be accessed remotely via the Weatherguard application. The system allows for efficient preparations and targeted network recovery after major flooding events.

• Waterproof Points Machine

Traditional points machines have needed to be replaced once submerged by flood water resulting in further delays to the return to service once they are submerged. ARTC has commenced a trial using a waterproof points machine at known risk sites such as Sandgate. The waterproof machine will allow for a quicker return to train service and avoid the cost of points machine replacement after flooding events. Two of these machines are planned to be installed, one in CAL23 and another in CAL24.

For ARTC Internal Use Only	
Version	1.0
Internal Reference	1
Submitted on:	14.07.2023
Cleared by:	Monica Ell
Officer Responsible:	Allison Boardman

## **Request Number 1:**

## **Question 3:**

Noting the increase in infrastructure losses from signalling-related failures despite a lower number of failures, how does ARTC's prioritisation of Points Condition Monitoring installation take account of the criticality of points?

## Advice:

#### Points Condition Monitoring (PCM) Background

PCM equipment measures key operating parameters that relate to the condition of point machines in real time. Collection, trending and analysis of the PCM data allows ARTC to identify deteriorating conditions prior to failure. This allows the asset teams to plan maintenance intervention to reduce and prevent failures to ultimately lower network disruption to the customers. PCM technology is also used in the root cause analysis of failures that do eventuate which allows for targeted preventative programs to be developed.

Non-invasive site-based sensors and data loggers are installed inside signalling equipment cabinets or buildings to measure and record real time key parameter data relating to asset condition and performance.

These parameters include:

- Switch machine motor current.
- Operating time.
- Ambient temperature; and
- Relay status.

The common root cause of failure types that the system is best at predicting are:

- Poor lubrication of slide chairs.
- Build-up of coal or sand (which restricts operation over time).
- Clutch failure; and
- Points detector being out of adjustment caused by geometry issues.

The above failures account for almost all the root cause types ARTC experiences in the normal operation of points (aside from exceptional events like floods, lightning strikes, ballast obstruction etc). ARTC's trial of PCM identified a potential of a 30-50% reduction in points failures for sites with PCM installed.

The installation of PCM was a five-year program endorsed at RCG through the Sustaining Capital submissions, commencing in 2018 and delivered more than 200 PCM sites.

#### Site Prioritisation

To identify the sites that would deliver the greatest customer benefit from PCM installations, a Multi Criteria Analysis (MCA) was performed on all points in the Hunter Valley Coal Network (coal assets only). The MCA criteria used a weighting of likelihood and consequence parameters including historical failure data, network criticality, tonnage and maintenance travel times to determine the priority locations for each of points which installed PCM over the five-year program.

For example, in Zone 1 it was proposed to install PCM at 79-point locations during the five-year program. This represents only 25% of the total number of points locations in Zone 1, but these locations accounted for 75% of the total point failures that had occurred in the 12 months prior to the analysis.

The MCA that was performed used the number of historical failures and a network criticality rating to determine the most suitable locations for points condition monitoring. This ensured that both failure likelihood and operational consequence were considered.

- Failure Rating (30% weighting)
  - Score derived from the ARTC Ellipse asset management system failure data.
- Criticality Rating (70% weighting)
  - Score derived from multiple factors including tonnage over the points (0.50 sub weighting), travel time (0.33) and grade of the turnout (0.17)

The point machines considered for further roll out are based on the final rating where the rating is more than 0.50.

For ARTC Internal Use Only		
Version	1.0	
Internal Reference	1	
Submitted on:	14.07.2023	
Cleared by:	Monica Ell	
Officer Responsible:	Allison Boardman	

## **Request Number 1:**

## **Question 4:**

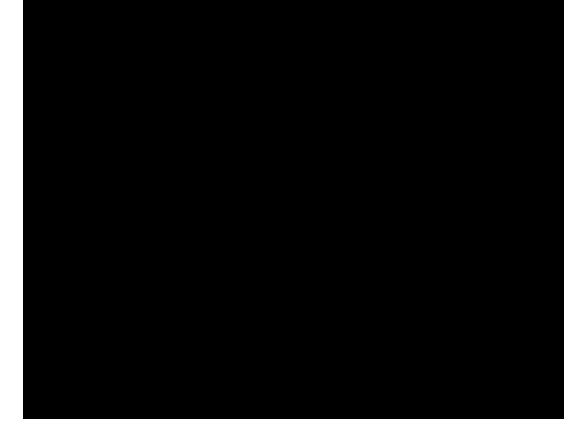
- (a) Given the need to maintain staffing levels for ANCO to date, what does ARTC see as the future path for network control opex, and realising savings compared to the manual system?
- (b) Please provide the close-out report for the ANCO project when available and an indication of when that might be.

## Advice:

(a) Given the need to maintain staffing levels for ANCO to date, what does ARTC see as the future path for network control opex, and realising savings compared to the manual system?

The targeted \$1.2M per annum savings in the Hunter Valley Network Control Function (NCCN) as per the original business case for ANCO, has not been, and will not be realised as a result of the completion of the ANCO project.

As detailed in the 2021 submission, during the implementation of ANCO, it became evident to ARTC that the project required significant resources to support the transition to an automated planning tool. This involved intensive training regimes, increased data entry requirements as well as the further continuous improvement work required to utilise the new system efficiently to further embed broader supply chain opportunities.



The ANCO project, being a tool to enhance the planning and live decision making of train movements, has created efficiency gains for the customers via improved planning, flexibility, increased available network capacity and reduced train dwell. The original paper-based planning system limited the Network controller's decision making and view to what was occurring on their respective boards and any deviations of the original set plan resulted in delays, cancellations, and inefficiency within the supply chain. The ANCO project has delivered an automated, live planning and scheduling tool which is now able to provide information which considers events across the entirety of the network and enables supply chain participants to make informed decisions in real time to maximise network efficiency and minimise above rail costs.

ARTC highlight that whilst we acknowledge there have been no direct OPEX savings to ARTC itself, there has been significant benefits realised from the ANCO project (as detailed in the 2021 Compliance Submission), additional savings have been realised across the overall supply chain in the form of:

- The targeted cost avoidance (return and depreciation) has been realised with technology deferring the need for capacity enabling infrastructure loops.
- An 8% improvement in network productivity by a change to a dynamic operating mode, where trains are dynamically pathed to minimise dwell, and enable a reduction in train hours, translating into increased supply chain capacity from existing infrastructure. The technology has unlocked the ongoing opportunity to reduce cycle time which should enable to cost reduction to customers through above rail savings. This is not a controllable cost saving for ARTC but a direct benefit to customers.
- An increase in the efficiency of real time train planning and execution, enabling a 5% improved utilisation of the available track capacity resulting in an increase in saleable capacity (paths) for Pricing Zones 2 and 3.
- The move from an inefficient and archaic paper-based planning system to a live dynamic environment making the progression toward an advanced integrated supply chain possible.

## (b) Please provide the close-out report for the ANCO project when available and an indication of when that might be.

The ANCO Steering Committee is scheduled to meet early September and it is anticipated the close out report will be available in Q4 2023.

For ARTC Internal Use Only	
Version	1.0
Internal Reference	1
Submitted on:	08.08.2023
Cleared by:	Monica Ell
Officer Responsible:	Allison Boardman

## Request Number 1:

## Background:

We note that in the Compliance Submission \$4.5million of expenditure on cloud-based software was reclassified from capex to business unit management costs.

## Question 5:

- (a) What was the effect of the reclassification on the regulatory asset base (RAB)?
- (b) Can this be seen in ARTC's revenue model?

## Advice:

## (a) What was the effect of the reclassification on the regulatory asset base?

The \$4.5 million of expenditure in business unit management costs relating to cloud-based software has never previously been classified as a Regulatory Asset (or included on the RAB) nor was ever intended to be classified as a Regulatory Asset (or included on the RAB). The initial expenditure was previously sitting in Work In Progress (WIP) on the ARTC balance sheet while the project was in progress with the intention to capitalise to the Corporate Asset Register once the software assets were respectively ready for use. Once capitalised on the Corporate Asset Register, the resulting Office Depreciation would have flowed through to operating costs per the provisions of HVAU Schedule I.

With the changing nature of how software is generally developed, managed, controlled and stored on the "cloud", ARTC undertook an independent review of the financial treatment of all its cloudbased software with an external accounting firm to determine the correct financial treatment. Through this review of each individual software application, it was determined that certain products could no longer be capitalised to the Corporate Asset Register but would be required to be written off in full as incurred. (Further detail on each application contained in the 2021 Compliance Return).

For clarity, this expenditure was not capitalised at any point onto the Regulatory Asset Base during 2021 or prior years.

## (b) Can this be seen in ARTC's revenue model?

Given the above, the \$4.5M is seen in the model by way of operating expenditure with this amount seen in Business Unit Management for 2021.

As stated above, the expenditure was never sitting on the Regulatory Asset Base and therefore you will not see any impact of this expenditure in the RAB for 2021 or prior years.

For ARTC Internal Use Only	
Version	1.0
Internal Reference	1
Submitted on:	14.07.2023
Cleared by:	Monica Ell
Officer Responsible:	Allison Boardman

## **Request Number 1:**

## **Question 6:**

Can ARTC please consider which documents in the 2021 compliance submission marked as confidential can be published, either redacted or in full?

## Advice:

For 2021, ACCC confirmed that ARTC isn't required to retrospectively work through all documents to assess confidentiality. The ACCC will reach out about any specific documents for ARTC to consider for the 2021 year. ARTC will also assess the responses to ACCC queries for 2021 for confidentiality. Going forward ARTC will assess each document on lodgement with the ACCC and provide reasoning if documents are considered confidential.

For ARTC Internal Use Only		
Version	1.0	
Internal Reference	1	
Submitted on:	14.07.2023	
Cleared by:	Monica Ell	
Officer Responsible:	Allison Boardman	

## **Request Number 1:**

## Background:

We note the performance indicators data that ARTC publishes on its website for each quarter as per Schedule D of the HVAU.

## **Question 7:**

Can you please provide a spreadsheet that centralises all the HV performance indicator data published on ARTC's website as a historical series?

## Advice:

Please refer to attached spreadsheet titled "Request Number 1 - Question 7 KPI historical data".

For ARTC Internal Use Only	
Version	1.0
Internal Reference	1
Submitted on:	14.07.2023
Cleared by:	Monica Ell
Officer Responsible:	Allison Boardman

Zone 1 Zone 2 Zone 3	Zone 1 Zone 2 Zone 3			
Measure Quarter Up Up Up	Measure Quarter Up Up Up	Measure Quarter Zone 1 Zone 2 Zone 3	Measure Quarter Zone 1 Zone 2 Zone 3	Measure Quarter Actual Planned Variance
Infrastructure Capacity Capability Dec - 11 47.2 54.7 49.8	Infrastructure Practical Capability Dec - 11 46.0 54.7 42.9	Scheduled Speed Dec - 11 39.2 34.5 33.6	Infrastructure Maintenance Paths Cancelled Dec - 11 ########## 84 106	Coal Throughput Dec - 11 30.2 33.9 - 3.7
Infrastructure Capacity Capability Mar - 12 47.2 54.7 49.8	Infrastructure Practical Capability Mar - 12 44.9 52.4 37.0	Scheduled Speed Mar - 12 38.0 34.5 34.5	Infrastructure Maintenance Paths Cancelled Mar - 12 ########## 398 351	Coal Throughput Mar - 12 29.9 33.0 - 3.1
Infrastructure Capacity Capability Jun - 12 47.2 54.7 49.8	Infrastructure Practical Capability Jun - 12 42.2 50.5 47.5	Scheduled Speed Jun - 12 38.9 34.3 32.9	Infrastructure Maintenance Paths Cancelled Jun - 12 ##################################	Coal Throughput Jun - 12 33.2 37.6 - 4.4
Infrastructure Capacity Capability Sep - 12 47.2 54.7 49.8	Infrastructure Practical Capability Sep - 12 44.2 53.4 42.2	Scheduled Speed Sep - 12 39.7 34.3 32.0	Infrastructure Maintenance Paths Cancelled Sep - 12 ##################################	Coal Throughput Sep - 12 34.7 38.4 - 3.7
Infrastructure Capacity Capability Dec - 12 47.2 54.7 49.8	Infrastructure Practical Capability Dec - 12 42.9 54.0 40.8	Scheduled Speed Dec - 12 39.7 34.7 34.7	Infrastructure Maintenance Paths Cancelled Dec - 12 ##################################	Coal Throughput Dec - 12 34.0 37.4 - 3.4
Infrastructure Capacity Capability Mar - 13 47.2 54.7 49.8	Infrastructure Practical Capability Mar - 13 45.5 51.3 34.0	Scheduled Speed Mar - 13 39.0 34.8 33.1	Infrastructure Maintenance Paths Cancelled Mar - 13 ########## 353 92	Coal Throughput Mar - 13 34.0 38.1 - 4.1
Infrastructure Capacity Capability Jun 13 47.2 54.7 49.8	Infrastructure Practical Capability Jun - 13 47.0 51.5 43.0	Scheduled Speed Jun - 13 38.0 35.3 29.1	Infrastructure Maintenance Paths Cancelled Jun - 13 ##################################	Coal Throughput Jun - 13 37.3 41.2 - 3.9
Infrastructure Capacity Capability Sep - 13 47.2 54.7 49.8	Infrastructure Practical Capability Sep - 13 46.5 49.1 38.6	Scheduled Speed Sep - 13 38.3 34.0 27.4	Infrastructure Maintenance Paths Cancelled Sep - 13 ### ##### 320 0	Coal Throughput Sep - 13 38.4 41.2 - 2.8
Infrastructure Capacity Capability Dec - 13 47.2 54.7 49.8	Infrastructure Practical Capability Dec - 13 45.7 48.3 39.8	Scheduled Speed Dec - 13 38.0 32.6 26.7	Infrastructure Maintenance Paths Cancelled Dec - 13 ### ##### 147 61	Coal Throughput Dec - 13 40.8 43.3 - 2.5
Infrastructure Capacity Capability Mar - 14 47.2 54.7 49.8	Infrastructure Practical Capability Mar - 14 47.2 50.4 39.5	Scheduled Speed Mar - 14 37.7 32.0 29.1	Infrastructure Maintenance Paths Cancelled Mar - 14 ### ##### 286 341	Coal Throughput Mar - 14 38.6 42.0 - 3.4
Infrastructure Capacity Capability Jun - 14 47.2 54.7 57.2	Infrastructure Practical Capability Jun - 14 41.6 49.2 21.5	Scheduled Speed Jun - 14 37.9 32.3 29.5	Infrastructure Maintenance Paths Cancelled Jun - 14 ##################################	Coal Throughput Jun - 14 37.0 38.8 - 1.8
		Scheduled Speed Sep - 14 37.5 32.2 29.0		Coal Throughput Sep - 14 41.1 43.8 - 2.8
Infrastructure Capacity Capability Dec - 14 47.2 54.7 57.2	Infrastructure Practical Capability Dec - 14 45.3 53.6 35.5	Scheduled Speed Dec - 14 37.1 32.3 29.9	Infrastructure Maintenance Paths Cancelled Dec - 14 927 423 291	Coal Throughput Dec - 14 41.7 44.8 - 3.1
Infrastructure Capacity Capability Mar - 15 47.2 54.7 55.2	Infrastructure Practical Capability Mar - 15 45.6 53.5 22.8	Scheduled Speed Mar - 15 36.6 32.9 29.6	Infrastructure Maintenance Paths Cancelled Mar - 15 653 0 68	Coal Throughput Mar - 15 39.8 42.7 - 2.9
Infrastructure Capacity Capability Jun - 15 47.2 54.7 55.2	Infrastructure Practical Capability Jun - 15 44.5 53.5 25.2	Scheduled Speed Jun - 15 36.2 32.5 30.0	Infrastructure Maintenance Paths Cancelled Jun - 15 1277 79 71	Coal Throughput Jun - 15 37.1 40.9 - 3.8
Infrastructure Capacity Capability Sep - 15 47.2 54.7 55.2	Infrastructure Practical Capability Sep - 15 44.6 53.5 27.3	Scheduled Speed Sep - 15 36.1 33.0 29.8	Infrastructure Maintenance Paths Cancelled Sep - 15 1324 158 142	Coal Throughput Sep - 15 41.1 44.1 - 3.1
Infrastructure Capacity Capability Dec - 15 47.2 54.7 55.2	Infrastructure Practical Capability Dec - 15 43.0 53.8 29.9	Scheduled Speed Dec - 15 34.7 32.7 29.6	Infrastructure Maintenance Paths Cancelled Dec - 15 932 121 118	Coal Throughput Dec - 15 39.7 43.3 - 3.6
Infrastructure Capacity Capability Mar - 16 47.2 54.7 55.2	Infrastructure Practical Capability Mar - 16 45.4 54.7 25.3	Scheduled Speed Mar - 16 34.2 33.1 29.3	Infrastructure Maintenance Paths Cancelled Mar - 16 762 41 97	Coal Throughput Mar - 16 39.0 43.0 - 4.0
Infrastructure Capacity Capability Jun - 16 47.2 54.7 55.2	Infrastructure Practical Capability Jun - 16 47.2 54.7 26.6	Scheduled Speed Jun - 16 34.4 32.8 29.9	Infrastructure Maintenance Paths Cancelled Jun - 16 1261 195 173	Coal Throughput Jun - 16 39.7 42.6 - 2.9
Infrastructure Capacity Capability Sep - 16 47.2 54.7 55.2	Infrastructure Practical Capability Sep - 16 43.7 54.1 22.7	Scheduled Speed Sep - 16 33.1 32.6 28.9	Infrastructure Maintenance Paths Cancelled Sep - 16 515 43 147	Coal Throughput Sep - 16 40.6 44.8 - 4.2
Infrastructure Capacity Capability Dec - 16 47.2 54.7 55.2	Infrastructure Practical Capability Dec - 16 40.6 53.1 30.8	Scheduled Speed Dec - 16 31.9 33.4 29.8	Infrastructure Maintenance Paths Cancelled Dec - 16 910 128 175	Coal Throughput Dec - 16 41.9 45.8 - 3.9
Infrastructure Capacity Capability Mar - 17 47.2 54.7 55.2	Infrastructure Practical Capability Mar - 17 40.1 53.1 24.4	Scheduled Speed Mar - 17 34.0 33.3 28.9	Infrastructure Maintenance Paths Cancelled Mar - 17 544 41 229	Coal Throughput Mar - 17 40.2 45.6 - 5.3
Infrastructure Capacity Capability Jun - 17 47.2 54.7 55.2	Infrastructure Practical Capability Jun - 17 45.2 52.8 30.2	Scheduled Speed Jun - 17 33.1 33.5 29.9	Infrastructure Maintenance Paths Cancelled Jun - 17 927 78 282	Coal Throughput Jun - 17 40.7 45.3 - 4.6
Infrastructure Capacity Capability Sep - 17 47.2 54.7 55.2	Infrastructure Practical Capability Sep - 17 40.2 54.1 23.6	Scheduled Speed Sep - 17 33.5 33.3 29.8	Infrastructure Maintenance Paths Cancelled Sep - 17 912 173 185	Coal Throughput Sep - 17 40.7 44.9 - 4.2
Infrastructure Capacity Capability Dec - 17 47.2 54.7 55.2	Infrastructure Practical Capability Dec - 17 41.6 51.7 23.0	Scheduled Speed Dec - 17 32.2 33.2 29.0	Infrastructure Maintenance Paths Cancelled Dec - 17 1024 162 190	Coal Throughput Dec - 17 38.2 43.3 - 5.2
Infrastructure Capacity Capability Mar - 18 47.2 54.7 55.2	Infrastructure Practical Capability Mar - 18 41.6 51.7 23.0	Scheduled Speed Mar - 18 33.2 33.0 29.9	Infrastructure Maintenance Paths Cancelled Mar - 18 1047 178 150	Coal Throughput Mar - 18 38.4 42.6 - 4.2
Infrastructure Capacity Capability Mar - 18 47.2 54.7 55.2 Infrastructure Capacity Capability Jun - 18 47.2 54.7 55.2	Infrastructure Practical Capability Mar - 18 41.6 51.7 23.0 Infrastructure Practical Capability Jun - 18 41.2 52.1 34.8	Scheduled Speed Mar - 18 33.2 33.0 29.9 Scheduled Speed Jun - 18 33.2 33.7 30.0	Infrastructure Maintenance Paths Cancelled Mar - 18 1047 178 150 Infrastructure Maintenance Paths Cancelled Jun - 18 1110 172 38	Coal Throughput Mar - 18 38.4 42.6 - 4.2 Coal Throughput Jun - 18 40.7 44.3 - 3.7
Infrastructure Capacity Capability Dec - 18 47.2 54.7 55.2	Infrastructure Practical Capability Dec - 18 40.5 52.1 34.8	Scheduled Speed Dec - 18 32.6 33.0 31.1	Infrastructure Maintenance Paths Cancelled Dec - 18 1445 205 88	Coal Throughput Dec - 18 39.6 42.6 - 3.0
Infrastructure Capacity Capability Mar - 19 47.2 54.7 55.2	Infrastructure Practical Capability Mar - 19 36.8 50.9 28.0	Scheduled Speed Mar - 19 32.1 33.2 31.9	Infrastructure Maintenance Paths Cancelled Mar - 19 768 141 114	Coal Throughput Mar - 19 39.6 42.6 - 3.0
Infrastructure Capacity Capability Jun - 19 47.2 54.7 55.2	Infrastructure Practical Capability Jun - 19 37.0 54.7 26.3	Scheduled Speed Jun - 19 31.5 33.9 31.6	Infrastructure Maintenance Paths Cancelled Jun - 19 820 203 169	Coal Throughput Jun - 19 41.0 45.1 - 4.1
Infrastructure Capacity Capability Sep - 19 47.2 54.7 55.2	Infrastructure Practical Capability Sep - 19 39.1 53.6 42.4	Scheduled Speed Sep - 19 31.4 34.2 32.2	Infrastructure Maintenance Paths Cancelled Sep - 19 1540 216 168	Coal Throughput Sep - 19 42.6 45.5 - 2.9
Infrastructure Capacity Capability Dec - 19 47.2 54.7 55.2	Infrastructure Practical Capability Dec - 19 45.1 52.7 41.4	Scheduled Speed Dec - 19 32.0 34.2 31.5	Infrastructure Maintenance Paths Cancelled Dec - 19 840 213 169	Coal Throughput Dec - 19 41.6 43.8 - 2.2
Infrastructure Capacity Capability Mar - 20 47.2 54.7 55.2	Infrastructure Practical Capability Mar - 20 41.6 50.9 36.4	Scheduled Speed Mar - 20 32.6 34.7 32.0	Infrastructure Maintenance Paths Cancelled Mar - 20 937 214 166	Coal Throughput Mar - 20 40.7 44.4 - 3.8
Infrastructure Capacity Capability Jun - 20 47.2 54.7 55.2	Infrastructure Practical Capability Jun - 20 44.0 54.2 38.1	Scheduled Speed Jun - 20 33.7 33.8 31.8	Infrastructure Maintenance Paths Cancelled Jun - 20 1239 223 155	Coal Throughput Jun - 20 39.4 42.4 - 3.0
Infrastructure Capacity Capability Sep - 20 47.2 54.7 55.2	Infrastructure Practical Capability Sep - 20 45.3 53.5 41.9	Scheduled Speed Sep - 20 32.4 34.0 31.5	Infrastructure Maintenance Paths Cancelled Sep - 20 1050 273 212	Coal Throughput Sep - 20 39.5 42.9 - 3.3
Infrastructure Capacity Capability Dec - 20 47.2 54.7 55.2	Infrastructure Practical Capability Dec - 20 44.3 54.0 41.2	Scheduled Speed Dec - 20 32.4 33.3 31.3	Infrastructure Maintenance Paths Cancelled Dec - 20 651 150 129	Coal Throughput Dec - 20 39.5 41.7 - 2.3
Infrastructure Capacity Capability Mar - 21 47.2 54.7 55.2	Infrastructure Practical Capability Mar - 21 36.8 53.5 30.1	Scheduled Speed Mar - 21 33.3 35.0 31.5	Infrastructure Maintenance Paths Cancelled Mar - 21 796 154 132	Coal Throughput Mar - 21 38.0 41.4 - 3.3
Infrastructure Capacity Capability Jun - 21 47.2 54.7 55.2	Infrastructure Practical Capability Jun - 21 38.6 52.3 37.0	Scheduled Speed Jun - 21 32.2 34.2 31.4	Infrastructure Maintenance Paths Cancelled Jun - 21 897 214 178	Coal Throughput Jun - 21 40.4 42.6 - 2.2
Infrastructure Capacity Capability Sep - 21 47.2 54.7 55.2	Infrastructure Practical Capability Sep - 21 38.4 52.8 36.9	Scheduled Speed Sep - 21 34.0 34.5 31.3	Infrastructure Maintenance Paths Cancelled Sep - 21 803 158 169	Coal Throughput Sep - 21 45.9 49.0 - 3.1
	Infrastructure Practical Canability Dec - 21 40.8 52.0 37.2	Scheduled Speed Dec - 21 32 1 34 0 31 0	Infrastructure Maintenance Paths Cancelled Dec - 21 1077 231 171	Coal Throughput Dec - 21 413 465 - 52
Infrastructure Capacity Capability Dec - 21 47.2 54.7 55.2	Infrastructure Practical Capability Dec - 21 40.8 52.0 37.2	Scheduled Speed Dec - 21 32.1 34.0 31.0	Infrastructure Maintenance Paths Cancelled Dec - 21 1077 231 171	Coal Throughput Dec - 21 41.3 46.5 - 5.2
		Scheduled Speed Dec - 21 32.1 34.0 31.0	Infrastructure Maintenance Paths Cancelled Dec - 21 1077 231 171	Coal Throughput         Dec - 21         41.3         46.5         -         5.2
Zone 1 Zone 2 Zone 3	Zone 1 Zone 2 Zone 3		Infrastructure Maintenance Paths Cancelled Dec - 21 1077 231 171	Coal Throughput         Dec - 21         41.3         46.5         -         5.2
Measure Quarter Down Down Down	Zone 1         Zone 2         Zone 3           Measure         Quarter         Down         Down         Down	Measure Quarter Zone 1 Zone 2 Zone 3	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3	Coal Throughput         Dec - 21         41.3         46.5         -         5.2
Zone 1         Zone 2         Zone 3           Measure         Quarter         Down         Down           Infrastructure Capacity Capability         Sep - 11         67.1         58.8         51.5	Zone 1         Zone 2         Zone 3           Measure         Quarter         Down         Down           Infrastructure Practical Capability         Sep - 11         61.1         54.1         49.7	Measure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep - 11         28.4         30.0         29.3	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3           Track Quality Index         Sep - 11         20.3         26.0         27.6	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Dec         Direction         Down         Dow	Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep - 11         6-1.1         54.1         49.7           Infrastructure Practical Capability         Dec - 11         6-5.3         58.8         48.7	Measure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep - 11         28.4         30.0         29.3           Actual Speed         Dec - 11         27.7         30.1         28.3	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         1711           Measure         Quarter         Zone 1         Zone 2         Zone 3           Track Quality Index         Sep - 11         20.3         26.6         27.6           Track Quality Index         Dec - 11         20.3         26.2         27.6	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Kessure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Der11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5	Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep - 11         65.1         45.1         49.7           Infrastructure Practical Capability         Dec - 11         65.3         58.8         44.7           Infrastructure Practical Capability         Mar - 12         65.3         58.8         44.7	Measure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep - 11         28.4         30.0         29.3           Actual Speed         Dec - 11         27.7         30.1         28.3           Actual Speed         Mer - 12         26.1         29.7         27.3	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3           Track Quality Index         Sep - 11         20.3         26.0         27.6           Track Quality Index         Dec - 11         20.3         26.2         27.6           Track Quality Index         Dec - 11         20.3         26.2         27.6           Track Quality Index         Mar - 12         20.9         26.2         28.2	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Massure         Zone 1 Own         Zone 2 Down         Zone 3 Down           Infrastructure Capacity Capability         Sep - 11         67.1         58.8         51.5           Infrastructure Capacity Capability         Dec - 11         67.1         58.8         51.5           Infrastructure Capacity Capability         Dec - 11         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun - 12         67.1         58.8         51.5	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep - 11         61.1         54.1         49.7           Infrastructure Practical Capability         Dec - 11         65.3         56.8         48.7           Infrastructure Practical Capability         Dec - 12         65.3         56.8         48.7           Infrastructure Practical Capability         June - 12         65.3         56.3         46.8	Measure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep - 11         28.4         30.0         29.3           Actual Speed         Dec - 11         27.7         30.1         28.3           Actual Speed         Mar - 12         26.1         29.7         27.3           Actual Speed         Jun - 12         7.0         28.3         27.8	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         1711           Measure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep - 11         20.3         26.0         27.6         <	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Kessure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Dev11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5	Measure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         45.4         49.7           Infrastructure Practical Capability         Dec11         65.3         58.8         48.7           Infrastructure Practical Capability         Mer12         65.3         56.8         46.8           Infrastructure Practical Capability         Mar12         59.5         53.3         50.6           Infrastructure Practical Capability         Sep11         67.1         67.7         47.7	Messure         Ouarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep - 11         28.4         30.0         29.3           Actual Speed         Dec - 11         27.7         30.1         28.3           Actual Speed         Mar - 12         26.1         29.7         27.3           Actual Speed         Jun - 12         27.0         28.3         27.8           Actual Speed         Sep - 12         27.2         29.3         29.3         25.2	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         171           Measure         Outrier         Zone3         Zone3         Zone3         Zone3           Track Quality Index         Stp11         203         26.0         27.	Coal Throughput Dec-21 41.3 46.5 - 5.2
Kossuro         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep. 11         07.1         58.8         51.5           Infrastructure Capacity Capability         Sep. 11         07.1         58.8         51.5           Infrastructure Capacity Capability         Sep. 12         27.1         58.8         51.5           Infrastructure Capacity Capability         Jan. 12         27.1         58.8         51.5           Infrastructure Capacity Capability         Jan. 12         27.1         58.8         51.5           Infrastructure Capacity Capability         Jan. 12         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan. 12         67.1         58.8         51.5	Messure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Creability         See _ 11         61.1         63.4         467.           Infrastructure Practical Creability         See _ 11         61.1         63.4         467.           Infrastructure Practical Creability         See _ 12         661         65.4         465.           Infrastructure Practical Creability         Jun - 12         65.5         55.5         53.3         60.6           Infrastructure Practical Creability         Jun - 12         67.1         57.9         47.7           Infrastructure Practical Creability         Dee - 12         67.1         57.9         47.7	Messaria         Quarter         Zono 1         Zono 2         Zono 3           Actual Speed         Sep - 11         28.4         30.0         28.3           Actual Speed         Dec - 11         27.7         30.0         28.3           Actual Speed         Dec - 11         27.7         30.0         28.3           Actual Speed         Dec - 12         27.7         28.3         27.8           Actual Speed         Jun - 12         27.0         28.3         27.8           Actual Speed         Jun - 12         27.0         28.3         27.8           Actual Speed         Spe - 12         29.3         29.3         25.2           Actual Speed         Dec - 12         20.1         30.1         29.2	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         1711           Measure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep - 11         20.3         26.0         27.6         <	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Messure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Dev11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep12         67.1         58.8         51.5	Measure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep - 11         61.1         54.1         49.7           Infrastructure Practical Capability         Mer - 11         65.3         58.8         48.7           Infrastructure Practical Capability         Mer - 12         65.3         56.8         46.8           Infrastructure Practical Capability         Mar - 12         59.5         53.3         50.6           Infrastructure Practical Capability         Sep - 12         67.1         57.9         47.7           Infrastructure Practical Capability         Mer - 12         67.1         57.9         47.7           Infrastructure Practical Capability         Mar - 12         64.2         54.3         44.1	Messure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         28.3         27.8           Actual Speed         Jun. 12         27.0         28.3         27.8           Actual Speed         Sep. 12         27.0         29.3         29.2           Actual Speed         Jun. 12         27.0         29.3         25.2           Actual Speed         Dec. 12         30.1         30.7         29.2           Actual Speed         Dec. 12         30.1         30.7         29.2           Actual Speed         Dec. 12         30.1         30.7         29.2	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         171           Measure         Counter         Zone 1         Zone 2         Zone 2 <thzone 2<="" th="">         Zone 2         Zone</thzone>	Coal Throughput Dec-21 41.3 46.5 - 5.2
Imastructure Capacity Capability         Sep11         Crit.         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         G7.1         58.8         51.5           Infrastructure Capacity Capability         Sep11         G7.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         G7.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         G7.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         G7.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         G7.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         G7.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         G7.1         58.8         51.5           Infrastructure Capacity Capability         Jun13         G7.1         58.8         51.5	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep . 11         65.1         1.41         49.7           Infrastructure Practical Capability         Dev         Diff.         1.1         54.1         49.7           Infrastructure Practical Capability         Mar. 1.2         65.3         63.8         46.8         47.7           Infrastructure Practical Capability         Mar. 1.2         67.1         57.9         47.7           Infrastructure Practical Capability         Dev. 1.2         67.1         57.9         47.7           Infrastructure Practical Capability         Dev. 1.2         67.1         57.9         47.7           Infrastructure Practical Capability         Dev. 1.3         64.2         54.3         44.1           Infrastructure Practical Capability         Jun. 1.3         64.2         54.3         44.1	Messure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         22.7         30.1         28.3           Actual Speed         Dec. 12         27.7         30.1         28.3           Actual Speed         Jun. 12         27.0         28.3         27.6           Actual Speed         Jun. 12         27.0         28.3         27.6           Actual Speed         Jun. 13         30.2         20.3         25.2           Actual Speed         Dec. 12         27.0         10.7         29.2           Actual Speed         Jun. 13         30.2         30.9         28.5           Actual Speed         Jun. 13         32.1         30.6         2.7.7	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         1711           Measure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep - 11         20.3         26.0         27.6         <	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Messure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Dev11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep12         67.1         58.8         51.5	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep . 11         65.1         1.41         49.7           Infrastructure Practical Capability         Dev         Diff.         1.1         54.1         49.7           Infrastructure Practical Capability         Mar. 1.2         65.3         63.8         46.8         47.7           Infrastructure Practical Capability         Mar. 1.2         67.1         57.9         47.7           Infrastructure Practical Capability         Dev. 1.2         67.1         57.9         47.7           Infrastructure Practical Capability         Dev. 1.2         67.1         57.9         47.7           Infrastructure Practical Capability         Dev. 1.3         64.2         54.3         44.1           Infrastructure Practical Capability         Jun. 1.3         64.2         54.3         44.1	Messure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         28.3         27.8           Actual Speed         Jun. 12         27.0         28.3         27.8           Actual Speed         Sep. 12         27.0         29.3         29.2           Actual Speed         Jun. 12         27.0         29.3         25.2           Actual Speed         Dec. 12         30.1         30.7         29.2           Actual Speed         Dec. 12         30.1         30.7         29.2           Actual Speed         Dec. 12         30.1         30.7         29.2	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         171           Measure         Counter         Zone 1         Zone 2         Zone 2 <thzone 2<="" th="">         Zone 2         Zone</thzone>	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Ideasure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Mer11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan16         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan17         57.8         58.5         51.5           Infrastructure Capacity Capability         Jan13         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep . 11         65.1         15.1         45.1           Infrastructure Practical Capability         Sep . 11         65.3         45.2         1           Infrastructure Practical Capability         Mar. 12         65.3         45.2         45.7           Infrastructure Practical Capability         Mar. 12         65.1         55.3         46.2           Infrastructure Practical Capability         Mar. 12         67.1         57.9         47.7           Infrastructure Practical Capability         Deo. 12         67.1         57.9         47.7           Infrastructure Practical Capability         Deo. 12         67.1         57.9         47.7           Infrastructure Practical Capability         Mar. 13         64.2         54.3         44.1           Infrastructure Practical Capability         Jun. 13         57.3         54.6         48.7	Messure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         22.7         30.1         28.3           Actual Speed         Dec. 12         27.7         30.1         28.3           Actual Speed         Jun. 12         27.0         28.3         27.6           Actual Speed         Jun. 12         27.0         28.3         27.6           Actual Speed         Jun. 13         30.2         20.3         25.2           Actual Speed         Dec. 12         27.0         10.7         29.2           Actual Speed         Jun. 13         30.2         30.9         28.5           Actual Speed         Jun. 13         32.1         30.6         2.7.7	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3           Track Quality Index         Sep - 11         20.3         26.6         27.6         Zone 3         Zone 2         Zone 3         Zon 3         Zone 3         Z	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Messure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5	Measure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         61.1         54.1         49.7           Infrastructure Practical Capability         Mer11         65.3         58.8         48.7           Infrastructure Practical Capability         Mer12         65.3         56.8         48.7           Infrastructure Practical Capability         Mar12         59.5         53.3         50.6           Infrastructure Practical Capability         Sep12         67.1         57.9         47.7           Infrastructure Practical Capability         Mar13         57.3         54.6         48.7           Infrastructure Practical Capability         Sep13         57.3         54.6         47.2           Infrastructure Practical Capability         Mar13         57.3         50.6         47.2           Infrastructure Practical Capability         Mar14         57.3         50	Messure         Ouarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         28.3         27.8           Actual Speed         Jun. 12         27.0         28.3         27.8           Actual Speed         Sep. 12         29.3         29.3         25.2           Actual Speed         Mar. 12         30.2         30.9         28.5           Actual Speed         Jun. 13         32.1         30.6         27.7           Actual Speed         Jun. 13         30.2         30.9         28.5           Actual Speed         Jun. 13         30.2         30.9         28.5           Actual Speed         Jun. 13         30.2         30.9         28.5           Actual Speed         Jun. 13         30.7         30.1         27.2           Actual Speed         Sep. 13         32.1         30.9         24.6           Actual Speed         Dec. 13         32.1         32.1         38.4	Infrastructure Maintenance Paths Cancelled         Dec - 21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep. 11         20.3         26.6         27.6         27.6           Track Quality Index         Dec. 11         20.3         26.2         27.6         27.6           Track Quality Index         Mar. 12         20.9         26.2         28.2         27.6           Track Quality Index         Mar. 12         20.9         26.2         28.5         27.6           Track Quality Index         Ber. 12         20.1         26.2         28.5         27.6           Track Quality Index         Sep. 12         21.2         28.0         25.5         27.6           Track Quality Index         Mar. 13         19.3         24.0         25.0         17.6           Track Quality Index         Sep. 13         19.1         23.9         25.1         17.6         23.9         25.1           Track Quality Index         Dec. 13         19.1         23.9         25.1         17.6         28.1         19.1         19.1         23.9         25.1 <td>Coal Throughput Dec - 21 41.3 46.5 - 5.2</td>	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capacitility         Dec11         67.1         58.8         51.5           Infrastructure Capacity Capacitility         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capacitility         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capacitility         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capacitility         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capacitility         Dec11         67.1         58.8         51.5           Infrastructure Capacity Capacitility         Dec13         67.1         58.8         51.5           Infrastructure Capacity Capacitility         Jun13         67.1	Measure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         64.1         49.7           Infrastructure Practical Capability         Mer11         65.3         58.8         48.7           Infrastructure Practical Capability         Mer12         59.5         53.3         50.6           Infrastructure Practical Capability         Mer12         59.5         53.3         50.6           Infrastructure Practical Capability         Sep12         67.1         57.9         47.7           Infrastructure Practical Capability         Mer12         64.2         54.3         44.1           Infrastructure Practical Capability         Mer13         57.3         51.6         46.6           Infrastructure Practical Capability         Mer13         57.3         51.6         46.6           Infrastructure Practical Capability         Mer13         57.3         51.6         46.6           Infrastructure Practical Capability         Sep13         57.3         51.6         46.6           Infrastructure Practical Capability         Mer13         57.3         52.6         47.2           Infrastructure Practical Capability         Mer13         57.3         52	Messure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         224         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         28.3         27.8           Actual Speed         Jon. 12         27.0         28.3         27.8           Actual Speed         Sep. 12         29.1         29.3         29.3           Actual Speed         Dec. 12         30.1         30.7         25.2           Actual Speed         Mar. 13         30.2         30.9         28.5           Actual Speed         Jmn. 13         32.1         30.6         27.7           Actual Speed         Jmn. 13         30.2         30.9         28.5           Actual Speed         Jmn. 13         30.2         30.6         27.7           Actual Speed         Jmn. 13         30.7         30.1         27.2           Actual Speed         Dec. 13         32.1         30.9         24.6           Actual Speed         Dec. 13         32.1         32.1         28.4	Infrastructure Maintenance Paths Cancelled         Dec21         10777         231         1711           Measure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep. 11         20.3         26.6         27.6         1         27.6         1         27.6         27.6         1         27.6         1         27.6         1         20.3         26.2         27.6         1         20.3         26.2         27.6         1         20.3         26.2         27.6         1         27.6         1         20.3         26.2         27.6         1         20.3         26.2         27.6         1         20.3         26.2         27.6         1         20.3         26.2         27.6         1         20.3         26.2         27.6         1         20.3         26.2         27.6         1         1         1         20.3         26.2         27.6         1         1         1         27.6         1         1         1         26.2         26.6         27.6         1         1         1         20.8         26.5         1         1         1         3         20.0         25.9         1         17	Coal Throughput Dec-21 41.3 46.5 - 5.2
Ressure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun12         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun13         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun13         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun14         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep . 11         65.1         64.1         49.7           Infrastructure Practical Capability         Sep . 11         65.3         58.8         48.7           Infrastructure Practical Capability         Mar. 12         59.5         53.3         56.8         48.7           Infrastructure Practical Capability         Mar. 12         59.5         53.3         50.6         44.7           Infrastructure Practical Capability         Ser. 1         67.1         67.1         67.9         47.7           Infrastructure Practical Capability         Mar. 12         59.5         53.3         50.6         11           Infrastructure Practical Capability         Mar. 13         54.2         54.3         44.1         11           Infrastructure Practical Capability         Jun. 13         57.3         51.6         48.7         11         115.4         46.6         116.7         47.7         116.7         47.7         116.4         66.6         47.2         116.3         57.3         51.6         46.6         47.7         116.4         66.7         13.2         47.0         116.7         34.6         47.0         116.7         34.	Measure         Counter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         27.3         27.3           Actual Speed         Mar. 12         27.0         28.3         27.3           Actual Speed         Mar. 12         27.0         28.3         27.3           Actual Speed         Mar. 12         20.1         30.7         39.2           Actual Speed         Dec. 13         30.2         30.0         28.5           Actual Speed         Dec. 13         30.2         30.0         28.5           Actual Speed         Jun 13         30.2         30.0         28.5           Actual Speed         Jun 14         30.2         13.0         7.7           Actual Speed         Jun 13         30.2         30.1         67.7           Actual Speed         Dec. 13         30.2         30.2         24.6           Actual Speed         Jun 14         32.2         13.0         32.8           Actual Speed         Jun 14 <t< td=""><td>Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Context         Zond 2         Zond</td><td>Coal Throughput Dec - 21 41.3 46.5 - 5.2</td></t<>	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Context         Zond 2         Zond	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8	Measure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep - 11         65.1         65.41         49.7           Infrastructure Practical Capability         Mer 11         65.3         58.8         48.7           Infrastructure Practical Capability         Mer 12         65.3         58.8         48.7           Infrastructure Practical Capability         Mar 12         59.5         53.3         50.6           Infrastructure Practical Capability         Sep - 12         67.1         57.9         47.7           Infrastructure Practical Capability         Mar 13         57.3         51.6         48.7           Infrastructure Practical Capability         Mar 14         67.1         53.2         47.2           Infrastructure Practical Capability         Mar 14         67.1         53.9         38.7           Infrastructure Practical Capability         Mar 14         67.1	Modellity         Country         Zours 4         Zours 4         Zours 5           Arbust Speed         Sop. 111         28.4         30.0         95.3           Arbust Speed         Disc. 111         28.4         30.0         95.3           Arbust Speed         Disc. 111         28.4         27.7         30.0         28.3           Arbust Speed         Jun. 12         27.0         28.3         27.8         Arbust Speed         Jun. 12         29.1         20.7         27.3           Actust Speed         Disc. 12         29.1         20.1         30.7         29.2         Arbust Speed         Disc. 12         30.2         30.9         28.5           Arbust Speed         Jun 13         30.2         30.0         27.2         Arbust Speed         Jun 13         22.1         30.4         27.2           Arbust Speed         Jun 14         32.2         12.9         24.4	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep. 11         20.3         26.6         27.6         27.6           Track Quality Index         Dec. 11         20.3         26.2         27.6         27.6           Track Quality Index         Mar. 12         20.9         26.2         28.2         27.6           Track Quality Index         Mar. 12         20.9         26.2         28.5         27.6           Track Quality Index         Ber. 12         20.1         26.2         28.5         27.6           Track Quality Index         Ber. 12         20.1         26.2         28.5         28.5           Track Quality Index         Ber. 13         19.3         24.0         25.0         17.6           Track Quality Index         Dec. 13         19.1         23.9         25.1         17.6         28.2         28.1           Track Quality Index         Mer. 14         19.1         23.2         28.1         17.7         21.8         25.8           Track Quality Index         Mer. 14         19.1	Coal Throughput Dec-21 41.3 46.5 - 5.2
Resture         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep13         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep13         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep . 11         65.1         64.1         49.7           Infrastructure Practical Capability         Sep . 11         65.3         58.6         48.7           Infrastructure Practical Capability         Mar. 12         59.5         53.3         50.6         44.7           Infrastructure Practical Capability         Mar. 12         59.5         53.3         50.6         44.7           Infrastructure Practical Capability         Sep . 12         67.1         67.3         54.7         44.7           Infrastructure Practical Capability         Sep . 12         67.1         57.3         50.6         44.1           Infrastructure Practical Capability         Jun - 12         59.5         53.3         50.6         44.7           Infrastructure Practical Capability         Jun - 14         67.1         57.4         44.1         1           Infrastructure Practical Capability         Jun - 14         67.1         57.3         50.6         44.7           Infrastructure Practical Capability         Jun - 14         67.1         57.3         50.6         44.7           Infrastructure Practical Capability         Jun - 14         67.1	Measure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         27.3         27.3           Actual Speed         Mar. 12         27.0         28.3         27.5           Actual Speed         Sep. 12         20.1         28.3         27.5           Actual Speed         Sep. 12         20.1         20.7         28.3           Actual Speed         Jun 12         20.1         20.7         29.2           Actual Speed         Jun 13         20.1         20.7         29.2           Actual Speed         Jun 13         20.1         20.7         29.2           Actual Speed         Jun 14         22.1         20.6         27.7           Actual Speed         Jun 14         32.1         30.3         28.4           Actual Speed         Jun 14         32.1         30.3         28.4           Actual Speed         Jun 14         32.1         30.3         28.4           Actual Speed         Jun 14	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Counter         Zond 3         Zond 6         Zond 6         Zond 7         Zond 7           Track Quality Index         Dec11         203         266         27.6         <	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Kessuro         Zone 1         Zone 2         Zone 3           Infræstructure Capacity Capability         Sep11         67.1         58.8         51.5           Infræstructure Capacity Capability         Sep11         67.1         58.8         51.5           Infræstructure Capacity Capability         Jan.         16.7         58.8         51.5           Infræstructure Capacity Capability         Jan.         12.7         158.8         51.5           Infræstructure Capacity Capability         Jan.         12.7         158.8         51.5           Infræstructure Capacity Capability         Jan.         12.7         158.8         51.5           Infræstructure Capacity Capability         Jan.         13.7         158.8         51.5           Infræstructure Capacity Capability         Jan.         13.7         158.8         51.5           Infræstructure Capacity Capability         Jan.         14.7         158.8         51.5           Infræstructure Capacity Capability         Jan.         14.6         71.1         58.8         51.5           Infræstructure Capacity Capability         Jan.         14.6         71.1         58.8         51.5           Infræstructure Capacity Capability         Jan.         14.6         71.1	Massure         Zone 1 Pown         Zone 2 Pown         Zone 3 Pown           Infrastructure Practical Gapability         Sep - 11         65.1         15.4         447.1           Infrastructure Practical Gapability         Dev         11.1         65.4         447.1           Infrastructure Practical Gapability         Dev         11.1         65.4         447.1           Infrastructure Practical Gapability         Jun - 12         65.5         55.3         457.1           Infrastructure Practical Gapability         Jun - 12         67.1         57.9         477.7           Infrastructure Practical Gapability         Deo - 12         67.1         57.9         477.7           Infrastructure Practical Gapability         Jun - 13         64.2         54.3         44.6           Infrastructure Practical Gapability         Jun - 13         57.3         51.6         46.6           Infrastructure Practical Gapability         Jun - 14         66.0         57.7         34.5           Infrastructure Practical Gapability         Jun - 14         66.0         57.7         34.5           Infrastructure Practical Gapability         Jun - 14         66.0         57.7         34.5           Infrastructure Practical Gapability         Sep - 14         67.1	Mestrici         Constr         Zons.2         Zons.2         Zons.2         Zons.2           Adual Speed         Sep. 11         28.4         30.0         22.3         22.4           Adual Speed         Mar. 12         27.1         28.3         24.4         28.3           Actual Speed         Mar. 12         27.0         28.3         27.0         28.3           Actual Speed         Jun. 12         27.0         28.3         27.0         28.3           Actual Speed         Jun. 12         27.0         28.3         27.0         28.3           Actual Speed         Dec. 12         29.3         29.3         25.2         Actual Speed         Dec. 12         29.3         30.2         29.2         Actual Speed         Jun. 13         30.2         30.0         28.5         Actual Speed         Jun. 13         32.1         30.1         27.7         Actual Speed         Jun. 14         32.2         13.0         24.6         Actual Speed         Jun. 14         32.2         13.0         24.6         Actual Speed         Jun. 14         32.2         31.0         24.6         Actual Speed         Sep. 14         31.7         30.8         38.1         Actual Speed         Sep. 14         31.7         30.8<	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Messure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep. 11         20.3         26.6         27.6         27.6           Track Quality Index         Dec. 11         20.3         26.2         27.6         27.6           Track Quality Index         Mar. 12         20.9         26.2         28.5         17.6         20.8         27.6           Track Quality Index         Mar. 12         20.9         26.2         28.5         17.6         20.8         28.5         17.6         20.8         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         29.5         24.0         25.5         17.6         20.6         17.6         20.6         24.0         25.6 <t< td=""><td>Coal Throughput Dec - 21 41.3 46.5 - 5.2</td></t<>	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Nessure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         65.8         51.5           Infrastructure Capacity Capability         Mer11         67.1         65.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         65.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         65.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         65.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         64.1         49.7           Infrastructure Practical Capability         Mer11         65.3         58.8         48.7           Infrastructure Practical Capability         Mer12         59.5         53.3         50.6           Infrastructure Practical Capability         Mer13         57.3         54.1         64.7           Infrastructure Practical Capability         Mer13         57.3         54.6         64.7           Infrastructure Practical Capability         Mer14         67.1         57.9         64.7           Infrastructure Practical Capability         Mer14         67.1         53.0         64.7           Infrastructure Practical Capability         Jun14         67.1         53.2         47.0           Infrastructure Practical Capability         Jun14         67.1         53	Messure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         28.3         27.8           Actual Speed         Jun12         27.0         28.3         27.8           Actual Speed         Jun12         27.0         28.3         27.6           Actual Speed         Jun12         27.0         28.3         27.6           Actual Speed         Mar13         20.3         28.1         27.2           Actual Speed         Mar13         30.2         30.1         29.2           Actual Speed         Mar13         32.1         30.1         27.7           Actual Speed         Jun14         32.1         30.3         28.1           Actual Speed         Jun13         32.1         29.0         30.6           Actual Speed         Jun14         32.1         30.3         28.1           Actual Speed         Jun14         32.1         30.3         28.4           Actual Speed         Jun14	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Counter         Zone 1         Zone 2         Zone 2 <thzone 2<="" th="">         Zone 2         Zone</thzone>	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Nessure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         65.8         51.5           Infrastructure Capacity Capability         Mer11         67.1         65.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         65.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         65.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         65.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         64.1         49.7           Infrastructure Practical Capability         Mer11         65.3         58.8         48.7           Infrastructure Practical Capability         Mer12         59.5         53.3         50.6           Infrastructure Practical Capability         Mer13         57.3         54.1         64.7           Infrastructure Practical Capability         Mer13         57.3         54.6         64.7           Infrastructure Practical Capability         Mer14         67.1         57.9         64.7           Infrastructure Practical Capability         Mer14         67.1         53.0         64.7           Infrastructure Practical Capability         Jun14         67.1         53.2         47.0           Infrastructure Practical Capability         Jun14         67.1         53	Messatu         Counter         Zons 1         Zons 2         Zons 3           Actual Seeed         Sep - 11         28.4         30.0         28.3           Actual Seeed         Dec - 11         27.4         30.7         28.3           Actual Seeed         Dec - 12         27.1         30.7         28.3           Actual Seeed         Dec - 12         27.0         28.3         27.8           Actual Speed         Jun - 12         27.0         28.3         27.8           Actual Speed         Dec - 12         29.3         29.3         25.2           Actual Speed         Dec - 12         29.1         30.7         29.2           Actual Speed         Jun - 13         30.2         10.0         27.7           Actual Speed         Jun - 13         32.1         30.6         27.7           Actual Speed         Dec - 13         32.1         30.2         24.6           Actual Speed         Dec - 14         32.1         30.3         28.1           Actual Speed         Dec - 14         32.0         30.8         38.1           Actual Speed         Dec - 14         32.0         30.8         38.1           Actual Speed         Mar - 15	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Messure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep. 11         20.3         26.6         27.6         27.6           Track Quality Index         Dec. 11         20.3         26.2         27.6         27.6           Track Quality Index         Mar. 12         20.9         26.2         28.5         17.6         20.8         27.6           Track Quality Index         Mar. 12         20.9         26.2         28.5         17.6         20.8         28.5         17.6         20.8         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         20.6         28.5         17.6         29.5         24.0         25.5         17.6         20.6         17.6         20.6         24.0         25.6 <t< td=""><td>Coal Throughput Dec - 21 41.3 46.5 - 5.2</td></t<>	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Nessure         Zone 1         Zone 2         Zone 3           Infrastructure Capach/ Capability         Sep11         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mer11         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mer12         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar12         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar12         67.1         58.8         51.5           Infrastructure Capach/ Capability         Sep12         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar13         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar13         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar14         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar14         67.1         58.8         51.5           Infrastructure Capach/ Capability         Jan16         67.1         58.8         62.1           Infrastructure Capach/ Capability         Jan16         67.1         58.8         62.1	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         64.1         49.7           Infrastructure Practical Capability         Mer11         65.3         58.8         48.7           Infrastructure Practical Capability         Mer12         59.5         53.3         50.6           Infrastructure Practical Capability         Mer13         57.3         54.6         44.7           Infrastructure Practical Capability         Mer13         57.3         54.6         44.7           Infrastructure Practical Capability         Mer14         67.1         57.9         47.7           Infrastructure Practical Capability         Jun14         67.1         53.2         47.0           Infrastructure Practical Capability         Jun14         67.1         53.2         47.0           Infrastructure Practical Capability         Jun14         67.1         53	Messure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         28.3         27.8           Actual Speed         Jun. 12         27.0         28.3         27.8           Actual Speed         Jun. 12         27.0         28.3         27.6           Actual Speed         Sep. 12         30.1         29.2         28.3           Actual Speed         Mar. 12         29.3         29.3         29.2           Actual Speed         Mar. 13         20.1         20.1         29.7           Actual Speed         Mar. 14         32.1         30.1         29.7           Actual Speed         Jun. 14         32.1         30.3         28.1           Actual Speed         Jun. 14         32.1         30.3         28.4           Actual Speed         Jun. 14         32.1         30.3         28.4           Actual Speed         Jun. 14         32.0         30.8         28.5           Actual Speed         Jun. 14         32.0 <td>Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep - 11         20.3         26.6         27.6           Track Quality Index         Dec - 17         20.8         26.6         27.6           Track Quality Index         Dec - 17         20.8         26.6         27.6           Track Quality Index         Jun - 12         21.0         26.2         26.5           Track Quality Index         Jun - 12         21.0         26.2         28.5           Track Quality Index         Dec - 12         21.2         26.0         24.2           Track Quality Index         Mar - 13         19.3         24.0         25.9           Track Quality Index         Dec - 13         19.1         23.5         25.1           Track Quality Index         Dec - 13         19.1         23.6         25.1           Track Quality Index         Jun - 14         17.7         21.7         22.6           Track Quality Index         Jun - 14         17.7         21.7         25.6           Track Quality Index         Jun - 14         <t< td=""><td>Coal Throughput Dec-21 41.3 46.5 - 5.2</td></t<></td>	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep - 11         20.3         26.6         27.6           Track Quality Index         Dec - 17         20.8         26.6         27.6           Track Quality Index         Dec - 17         20.8         26.6         27.6           Track Quality Index         Jun - 12         21.0         26.2         26.5           Track Quality Index         Jun - 12         21.0         26.2         28.5           Track Quality Index         Dec - 12         21.2         26.0         24.2           Track Quality Index         Mar - 13         19.3         24.0         25.9           Track Quality Index         Dec - 13         19.1         23.5         25.1           Track Quality Index         Dec - 13         19.1         23.6         25.1           Track Quality Index         Jun - 14         17.7         21.7         22.6           Track Quality Index         Jun - 14         17.7         21.7         25.6           Track Quality Index         Jun - 14 <t< td=""><td>Coal Throughput Dec-21 41.3 46.5 - 5.2</td></t<>	Coal Throughput Dec-21 41.3 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer10         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer10         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer10         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar14         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Precicel al Capability         Sep . 11         65.1         15.1         15.4         49.7           Infrastructure Precicel Capability         Devin         Devin         Devin         Devin         Devin           Infrastructure Precicel Capability         Devin         Devin         Devin         Devin         Devin           Infrastructure Precicel Capability         Me . 12         DS.1         DS.3         48.8         48.7           Infrastructure Precicel Capability         Me . 12         DS.1         DS.3         44.8         Devin         Devin <td>Messtin         Quarter         Zono 2         Zono 2         Zono 3           Actual Seeed         Sep. 11         284         30.0         29.3           Actual Seeed         Dec. 11         227         30.1         28.3           Actual Seeed         Dec. 12         227         30.1         28.3           Actual Seeed         Mor. 12         227         30.1         28.3           Actual Seeed         Mor. 12         220.0         28.3         77.6           Actual Speed         Dec. 12         220.1         28.3         77.6           Actual Speed         Dec. 12         29.1         30.7         99.2           Actual Speed         Jun 13         30.2         30.6         27.7           Actual Speed         Jun 13         32.1         30.6         27.7           Actual Speed         Jun 14         32.1         30.3         28.6           Actual Speed         Jun 14         32.1         30.3         28.6           Actual Speed         Jun 14         32.1         30.3         28.6           Actual Speed         Jun 15         32.1         31.2         30.8         20.7           Actual Speed</td> <td>Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Messure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep. 11         20.3         26.6         27.6         Zone 3           Track Quality Index         Dec. 11         20.3         26.2         27.6         Zone 3           Track Quality Index         Mar. 12         20.9         26.2         28.5         Track Quality Index         Mar. 12         20.9         26.2         28.5           Track Quality Index         Mar. 12         20.9         26.2         28.5         Track Quality Index         Dec. 12         21.0         26.2         28.5           Track Quality Index         Mar. 13         19.3         24.0         25.5         17.6         24.2         25.6         11         20.6         26.2         28.5         17.6         24.2         25.6         11         20.6         26.2         28.5         11         11.7         24.0         25.0         25.6         11         12.0         26.2         28.1         17.6         20.6         11.7         12.2         26.1         11.7         22.0         25.1</td> <td>Coal Throughput Dec - 21 41.3 46.5 - 5.2</td>	Messtin         Quarter         Zono 2         Zono 2         Zono 3           Actual Seeed         Sep. 11         284         30.0         29.3           Actual Seeed         Dec. 11         227         30.1         28.3           Actual Seeed         Dec. 12         227         30.1         28.3           Actual Seeed         Mor. 12         227         30.1         28.3           Actual Seeed         Mor. 12         220.0         28.3         77.6           Actual Speed         Dec. 12         220.1         28.3         77.6           Actual Speed         Dec. 12         29.1         30.7         99.2           Actual Speed         Jun 13         30.2         30.6         27.7           Actual Speed         Jun 13         32.1         30.6         27.7           Actual Speed         Jun 14         32.1         30.3         28.6           Actual Speed         Jun 14         32.1         30.3         28.6           Actual Speed         Jun 14         32.1         30.3         28.6           Actual Speed         Jun 15         32.1         31.2         30.8         20.7           Actual Speed	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Messure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep. 11         20.3         26.6         27.6         Zone 3           Track Quality Index         Dec. 11         20.3         26.2         27.6         Zone 3           Track Quality Index         Mar. 12         20.9         26.2         28.5         Track Quality Index         Mar. 12         20.9         26.2         28.5           Track Quality Index         Mar. 12         20.9         26.2         28.5         Track Quality Index         Dec. 12         21.0         26.2         28.5           Track Quality Index         Mar. 13         19.3         24.0         25.5         17.6         24.2         25.6         11         20.6         26.2         28.5         17.6         24.2         25.6         11         20.6         26.2         28.5         11         11.7         24.0         25.0         25.6         11         12.0         26.2         28.1         17.6         20.6         11.7         12.2         26.1         11.7         22.0         25.1	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Nessure         Zone 1         Zone 2         Zone 3           Infrastructure Capach/ Capability         Sep11         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mer11         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mer12         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar12         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar12         67.1         58.8         51.5           Infrastructure Capach/ Capability         Sep14         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar13         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar13         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar14         67.1         58.8         51.5           Infrastructure Capach/ Capability         Mar14         67.1         58.8         62.1           Infrastructure Capach/ Capability         Mar14         67.1         58.8         62.1           Infrastructure Capach/ Capability         Mar16         67.1         58.8         62.1	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         64.1         49.7           Infrastructure Practical Capability         Mer11         65.3         58.8         48.7           Infrastructure Practical Capability         Mer12         59.5         53.3         50.6           Infrastructure Practical Capability         Mer13         57.3         54.6         49.7           Infrastructure Practical Capability         Mer14         67.1         57.9         47.7           Infrastructure Practical Capability         Mer14         67.1         57.4         49.7           Infrastructure Practical Capability         Jun14         67.1         53.2         47.0           Infrastructure Practical Capability         Jun14         67.1         53.4         49.7           Infrastructure Practical Capability         Jun14         67.1         53	Messure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         28.3         27.8           Actual Speed         Mar. 12         27.0         28.3         27.8           Actual Speed         Sep. 12         20.1         28.3         27.8           Actual Speed         Dec. 12         20.1         28.3         27.8           Actual Speed         Mar. 12         29.1         28.3         27.6           Actual Speed         Mar. 13         28.1         29.4         29.7           Actual Speed         Mar. 14         32.1         30.1         27.7           Actual Speed         Jun. 14         32.1         29.0         24.6           Actual Speed         Jun. 14         32.1         30.3         28.1           Actual Speed         Jun. 14         32.1         30.3         28.1           Actual Speed         Jun. 14         32.0         30.8         28.5           Actual Speed         Jun. 14         32.0 <td>Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3           Track Quality Index         Sep11         20.3         26.6         27.6         27.6           Track Quality Index         Dec12         20.3         26.6         27.6         27.6           Track Quality Index         Dec12         20.8         27.6         27.6         27.6           Track Quality Index         Jun -12         21.0         28.2         28.5         27.6           Track Quality Index         Dec -12         21.2         26.0         28.5         27.6           Track Quality Index         Dec -12         21.2         26.0         28.5         27.6           Track Quality Index         Mar -13         19.3         24.0         25.9         25.1           Track Quality Index         Dec -13         19.1         23.2         25.1         25.1           Track Quality Index         Dec -13         19.1         23.2         25.1         17.6           Track Quality Index         Dec -16         18.9         22.7         25.6         17.6</td> <td>Coal Throughput Dec-21 41.3 46.5 - 5.2</td>	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3           Track Quality Index         Sep11         20.3         26.6         27.6         27.6           Track Quality Index         Dec12         20.3         26.6         27.6         27.6           Track Quality Index         Dec12         20.8         27.6         27.6         27.6           Track Quality Index         Jun -12         21.0         28.2         28.5         27.6           Track Quality Index         Dec -12         21.2         26.0         28.5         27.6           Track Quality Index         Dec -12         21.2         26.0         28.5         27.6           Track Quality Index         Mar -13         19.3         24.0         25.9         25.1           Track Quality Index         Dec -13         19.1         23.2         25.1         25.1           Track Quality Index         Dec -13         19.1         23.2         25.1         17.6           Track Quality Index         Dec -16         18.9         22.7         25.6         17.6	Coal Throughput Dec-21 41.3 46.5 - 5.2
Ideasure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan14         67.1         58.8         62.1           Infrastructure Capacity Capability         Jan14         67.1         58.8         62.1           Infrastructure Capacity Capability         Jan16         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         65.41         49.7           Infrastructure Practical Capability         Devin         Devin         Devin         Devin         Devin           Infrastructure Practical Capability         Devin         11         65.41         49.7         Infrastructure Practical Capability         Mer1         65.3         63.8         46.8         Horizona Capability         Mer1         65.3         63.8         46.8         Horizona Capability         Devin         D	Messino         Quarter         Zono 2         Zono 2         Zono 2           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         28.3         27.8           Actual Speed         Mar. 12         20.0         28.3         27.8           Actual Speed         Dec. 12         29.0         28.3         27.8           Actual Speed         Dec. 12         29.0         28.5         27.8           Actual Speed         Dec. 12         29.0         10.2         29.2           Actual Speed         Mar. 13         30.2         10.0         27.7           Actual Speed         Jun 14         32.1         30.6         27.7           Actual Speed         Jun 14         32.1         30.3         28.6           Actual Speed         Jun 14         32.2         10.0         28.6           Actual Speed         Jun 15         32.1         30.6         27.7           Actual Speed         Jun 16         <	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Context         Zond 8         Zond 8 <thzond 8<="" th="">         Zond 8         Zond</thzond>	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep. 11         67.1         68.8         61.5           Infrastructure Capacity Capability         Sep. 11         67.1         68.8         61.5           Infrastructure Capacity Capability         Am. 12         67.1         58.8         61.5           Infrastructure Capacity Capability         Am. 12         67.1         58.8         61.5           Infrastructure Capacity Capability         Am. 12         67.1         58.8         61.5           Infrastructure Capacity Capability         Dev. 12         67.1         58.8         61.5           Infrastructure Capacity Capability         Dev. 12         67.1         58.8         61.5           Infrastructure Capacity Capability         Dev. 13         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun. 14         67.1         58.8         61.5           Infrastructure Capacity Capability         Mar. 14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar. 14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar. 16         67.1         58.8         71.5 <td>Messure         Zone 1 Pown         Zone 2 Pown         Zone 3 Pown           Infrastructure Practical Casability         Sec1         6.61         6.41         4.47           Infrastructure Practical Casability         Sec1         6.63         6.64         4.62           Infrastructure Practical Casability         Sec1         6.63         6.64         4.62           Infrastructure Practical Casability         Jun1         6.63         6.64         4.62           Infrastructure Practical Casability         Bec12         67.1         57.9         4.77.           Infrastructure Practical Casability         Bec12         67.1         57.9         4.77.           Infrastructure Practical Casability         Mer13         6.42         54.3         44.1           Infrastructure Practical Casability         Mer13         6.42         54.3         44.1           Infrastructure Practical Casability         Mer13         6.7         4.62         1         1.64         6.61         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1</td> <td>Measure         County         Zons 4         Zons 3         Zons 3           Actual Scient         Sec. 11         224         30.0         29.3           Actual Scient         Sec. 11         224         30.0         29.3           Actual Speed         Mar. 12         224         127.7         30.2         37.8           Actual Speed         Jan. 12         27.0         28.3         37.8         Actual Speed         Jan. 12         27.0         28.3         37.8           Actual Speed         Dec. 12         29.3         29.3         25.2         Actual Speed         Jan. 12         30.1         30.7         8.2         Actual Speed         Jan. 12         20.1         30.7         129.2         Actual Speed         Jan. 12         30.1         30.1         29.2         Actual Speed         Jan. 12         30.1         27.7         Actual Speed         Jan. 14         32.1         30.8         27.7         Actual Speed         Jan. 14         32.1         30.8         32.4         30.4         28.1         Actual Speed         Jan. 14         32.1         30.8         32.4         31.8         32.4         31.8         32.4         31.8         32.4         31.8         32.4         31.7</td> <td>Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3           Track Quality Index         Sep11         20.3         26.6         27.6         27.6           Track Quality Index         Dec11         20.3         26.2         27.6         27.6           Track Quality Index         Mar12         20.3         26.2         27.6         27.6           Track Quality Index         Mar12         20.3         26.2         27.6         27.6           Track Quality Index         Mar12         20.3         26.2         26.5         27.6           Track Quality Index         Dec12         27.2         28.0         28.5         27.6           Track Quality Index         Dec13         19.3         24.0         25.9         25.1           Track Quality Index         Dec13         19.1         23.9         25.1         25.1           Track Quality Index         Jun14         17.7         21.8         25.7           Track Quality Index         Jun14         17.7         21.8         25.7           Track Quality Index</td> <td>Coal Throughput Dec - 21 41.3 46.5 - 5.2</td>	Messure         Zone 1 Pown         Zone 2 Pown         Zone 3 Pown           Infrastructure Practical Casability         Sec1         6.61         6.41         4.47           Infrastructure Practical Casability         Sec1         6.63         6.64         4.62           Infrastructure Practical Casability         Sec1         6.63         6.64         4.62           Infrastructure Practical Casability         Jun1         6.63         6.64         4.62           Infrastructure Practical Casability         Bec12         67.1         57.9         4.77.           Infrastructure Practical Casability         Bec12         67.1         57.9         4.77.           Infrastructure Practical Casability         Mer13         6.42         54.3         44.1           Infrastructure Practical Casability         Mer13         6.42         54.3         44.1           Infrastructure Practical Casability         Mer13         6.7         4.62         1         1.64         6.61         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1	Measure         County         Zons 4         Zons 3         Zons 3           Actual Scient         Sec. 11         224         30.0         29.3           Actual Scient         Sec. 11         224         30.0         29.3           Actual Speed         Mar. 12         224         127.7         30.2         37.8           Actual Speed         Jan. 12         27.0         28.3         37.8         Actual Speed         Jan. 12         27.0         28.3         37.8           Actual Speed         Dec. 12         29.3         29.3         25.2         Actual Speed         Jan. 12         30.1         30.7         8.2         Actual Speed         Jan. 12         20.1         30.7         129.2         Actual Speed         Jan. 12         30.1         30.1         29.2         Actual Speed         Jan. 12         30.1         27.7         Actual Speed         Jan. 14         32.1         30.8         27.7         Actual Speed         Jan. 14         32.1         30.8         32.4         30.4         28.1         Actual Speed         Jan. 14         32.1         30.8         32.4         31.8         32.4         31.8         32.4         31.8         32.4         31.8         32.4         31.7	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3           Track Quality Index         Sep11         20.3         26.6         27.6         27.6           Track Quality Index         Dec11         20.3         26.2         27.6         27.6           Track Quality Index         Mar12         20.3         26.2         27.6         27.6           Track Quality Index         Mar12         20.3         26.2         27.6         27.6           Track Quality Index         Mar12         20.3         26.2         26.5         27.6           Track Quality Index         Dec12         27.2         28.0         28.5         27.6           Track Quality Index         Dec13         19.3         24.0         25.9         25.1           Track Quality Index         Dec13         19.1         23.9         25.1         25.1           Track Quality Index         Jun14         17.7         21.8         25.7           Track Quality Index         Jun14         17.7         21.8         25.7           Track Quality Index	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Ideasure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Mor11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mor12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan14         67.1         58.8         62.1           Infrastructure Capacity Capacity         Jan14         67.1         58.8         62.1           Infrastructure Capacity Capacity         Jan16         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         65.41         49.7           Infrastructure Practical Capability         Max         -11         65.4         49.7           Infrastructure Practical Capability         Max         -12         56.5         63.8         46.8           Infrastructure Practical Capability         Max         -12         56.5         63.3         60.9           Infrastructure Practical Capability         Max         -12         56.5         63.3         60.9         70.7           Infrastructure Practical Capability         Max         -12         56.5         63.3         60.7         47.7           Infrastructure Practical Capability         Max         -13         57.3         51.6         48.6         1           Infrastructure Practical Capability         Jun<	Messure         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         26.1         29.1         27.8           Actual Speed         Mar. 12         20.1         20.7         27.8           Actual Speed         Mar. 12         20.1         20.7         27.8           Actual Speed         Dec. 12         20.3         20.3         27.8           Actual Speed         Dec. 12         20.3         20.3         20.4           Actual Speed         Dec. 12         20.3         20.3         20.4           Actual Speed         Jun. 13         30.2         30.7         20.4         20.7           Actual Speed         Jun. 14         32.1         30.3         27.7         Actual Speed         Jun. 14         32.1         30.2         28.6           Actual Speed         Jun. 14         32.2         10.3         28.6         Actual Speed         Jun. 14         32.0         30.8         20.7           Actual Speed         Jun. 14         32.0         3	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Counter         Zond 3         Zond 5         Zond 5 <thzon 5<="" th="">         Zond 5         Zond</thzon>	Coal Throughput Dec-21 413 465 - 52
Measure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8	Massure         Zone 1 Pown         Zone 2 Pown         Zone 3 Pown           Infrastructure Practical Gapability         Sep - 11         65.1         15.4         442.7           Infrastructure Practical Gapability         Dev - 11         65.3         642.7         442.7           Infrastructure Practical Gapability         Dev - 11         65.3         642.8         442.7           Infrastructure Practical Gapability         Jun - 12         65.7         57.9         47.7           Infrastructure Practical Gapability         Dev - 12         67.1         57.9         47.7           Infrastructure Practical Gapability         Me - 13         64.2         54.3         44.1           Infrastructure Practical Gapability         Me - 13         57.3         51.6         46.6           Infrastructure Practical Gapability         Me - 13         57.3         51.6         46.6           Infrastructure Practical Gapability         Me - 14         67.0         57.7         44.9           Infrastructure Practical Gapability         Me - 14         64.9         57.7         44.5           Infrastructure Practical Gapability         Me - 15         65.0         57.2         45.0           Infrastructure Practical Gapability         Me - 15         65.9	Messano         Counter         Zono 1         Zono 2         Zono 3           Actual Speed         Sep - 11         28.4         30.0         28.3           Actual Speed         Dec - 11         27.4         30.0         28.3           Actual Speed         Dec - 12         27.1         28.4         30.0         28.3           Actual Speed         Dec - 12         27.0         28.3         77.8         Actual Speed         Jun - 12         27.0         28.3         77.8           Actual Speed         Jun - 12         29.1         30.1         30.7         78.2         Actual Speed         Jun - 13         30.2         30.0         28.5           Actual Speed         Jun - 13         30.2         30.0         27.7         Actual Speed         Jun - 14         32.2         130.6         27.7           Actual Speed         Dec - 12         30.2         30.1         27.7         Actual Speed         Jun - 14         32.2         130.6         28.6           Actual Speed         Mar - 14         32.2         130.8         28.1         31.8         28.0           Actual Speed         Jun - 15         27.3         130.8         27.7         Actual Speed         Jun - 16	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Messure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep. 11         20.3         26.6         27.6         27.6           Track Quality Index         Dec. 11         20.3         26.2         27.6         27.6           Track Quality Index         Mar. 12         20.3         26.2         27.6         27.6           Track Quality Index         Mar. 12         20.3         26.2         27.6         27.6           Track Quality Index         Jun. 12         20.2         28.6         28.5         27.6           Track Quality Index         Dec. 12         21.2         28.0         28.1         28.1           Track Quality Index         Mar. 13         19.3         24.0         25.9         17.7           Track Quality Index         Mar. 14         19.1         23.2         28.1         17.7         21.2         28.1           Track Quality Index         Mar. 14         19.1         23.2         28.1         17.7         21.7         23.7           Track Quality Index         Mar. 14         17.7	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Ressure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Mer11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan14         67.1         58.8         62.1           Infrastructure Capacity Capability         Jan14         67.1         58.8         62.1           Infrastructure Capacity Capability         Jan16         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         64.1         49.7           Infrastructure Practical Capability         Mer11         65.3         58.8         46.7           Infrastructure Practical Capability         Mer11         65.3         58.8         46.7           Infrastructure Practical Capability         Mer12         59.5         53.3         50.6           Infrastructure Practical Capability         Mer12         59.5         53.3         50.6           Infrastructure Practical Capability         Der17         57.3         51.6         44.6           Infrastructure Practical Capability         Der13         57.3         51.6         44.6           Infrastructure Practical Capability         Mer13         54.2         54.3         44.1           Infrastructure Practical Capability         Mer14         67.1         57.4         64.6         48.7           Infrastructure Practical Capability         Mer14         67.1         57.4         44.9         Infrastructure Practical Capability         Mer15         64.9         57.3         45.0         116.7         44.2         Infrastructure Practical Capability         Mer15	Messure         Counter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         28.3         27.3           Actual Speed         Mar. 12         27.0         28.3         27.3           Actual Speed         Dec. 12         27.0         30.1         30.7         29.2           Actual Speed         Dec. 12         30.1         30.7         79.2         Actual Speed         Jun 13         30.2         30.6         27.7           Actual Speed         Jun 13         30.2         30.7         30.1         28.5         Actual Speed         Jun 14         32.1         30.3         28.4           Actual Speed         Jun 14         32.1         30.3         28.4         Actual Speed         Jun 14         32.1         30.3         28.5           Actual Speed         Jun 14         32.0         30.3         28.5         Actual Speed         Jun 16         20.3         30.	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Counter         Zone 3         Zone 3         Zone 3         Zone 3         Zone 3           Track Quality Index         Sep11         203         28.0         27.0         171         27.0 <t< td=""><td>Coal Throughput Dec-21 41.3 46.5 - 5.2</td></t<>	Coal Throughput Dec-21 41.3 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Bep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Bep13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Gapability         Size _ 11         Size _ 12	Messatu         Counter         Zons 1         Zons 2         Zons 3           Actual Seed         Sep - 11         28.4         30.0         28.3           Actual Seed         Dec - 11         27.1         30.7         28.3           Actual Seed         Dec - 12         27.1         30.7         28.3           Actual Seed         Dec - 12         27.0         28.3         77.8           Actual Speed         Jun - 12         27.0         28.3         77.8           Actual Speed         Dec - 12         29.3         29.3         25.2           Actual Speed         Dec - 12         29.3         30.7         29.2           Actual Speed         Dec - 12         29.3         30.1         27.7           Actual Speed         Jun - 13         30.2         130.1         27.7           Actual Speed         Dec - 14         32.1         30.3         28.1           Actual Speed         Dec - 14         32.1         30.8         28.1           Actual Speed         Mar - 15         30.8         30.7         27.0           Actual Speed         Mar - 16         30.8         30.6         27.7           Actual Speed         Mar - 16	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Messure         Quarter         Zone 1         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep. 11         20.3         26.6         27.6         27.6           Track Quality Index         Dec. 11         20.3         26.2         27.6         27.6           Track Quality Index         Mar. 12         20.3         26.2         27.6         27.6           Track Quality Index         Mar. 12         20.3         26.2         28.6         27.6           Track Quality Index         Jun. 12         20.1         26.2         28.6         27.6           Track Quality Index         Dec. 12         21.2         28.0         26.2         28.2           Track Quality Index         Mar. 13         19.3         24.0         25.9         17.7           Track Quality Index         Mar. 14         19.1         23.2         28.1         17.7         21.2         28.1           Track Quality Index         Mar. 14         19.1         23.2         28.1         17.7         21.7         23.7           Track Quality Index         Mar. 14         17.7	Coal Throughput Dec - 21 41.3 46.5 - 5.2
Resture         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Mer11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep13         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan14         67.1         58.8         62.1           Infrastructure Capacity Capability         Jan14         67.1         58.8         67.1           Infrastructure Capacity Capability         Jan16         67.1         58.8	Masure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         65.4         49.7           Infrastructure Practical Capability         Dev.         11         65.4         49.7           Infrastructure Practical Capability         Mer 11         65.3         58.8         49.7           Infrastructure Practical Capability         Mer 12         59.5         53.3         60.6           Infrastructure Practical Capability         Mer 12         59.5         53.3         60.6           Infrastructure Practical Capability         Mer 12         57.1         57.3         47.7           Infrastructure Practical Capability         Jun 12         59.5         53.3         50.6         44.7           Infrastructure Practical Capability         Jun 13         57.3         51.6         44.6           Infrastructure Practical Capability         Jun 14         67.1         57.3         45.6         44.7           Infrastructure Practical Capability         Jun 14         67.1         57.4         44.9         1           Infrastructure Practical Capability         Jun 15         64.0         57.3         45.0         1         17.7         44.9	Modelinity         Constre         Zons 4         Zons 5         Zons 5           Arbuit Speed         Disc11         28.4         30.0         29.3           Arbuit Speed         Disc11         28.4         30.0         29.3           Arbuit Speed         Disc11         28.4         30.0         29.3           Arbuit Speed         Jun12         28.1         20.7         27.3           Actuit Speed         Jun12         29.1         27.0         28.3           Actuit Speed         Disc12         29.3         20.1         20.7           Actuit Speed         Disc12         29.3         21.2         20.4         27.2           Actuit Speed         Disc13         32.1         30.0         27.2         Arbuit Speed         20.1         27.7           Actuit Speed         Disc13         32.1         30.2         28.4         27.4         27.4           Actuit Speed         Jun14         33.2         13.0         28.4         28.4         24.1         38.1           Actuit Speed         Jun15         27.2         28.3         28.4         24.1         28.0         27.2           Actuit Speed         Jun16	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Conster         Zone 1         Zone 2         Zone 2         Zone 2         Zone 3           Track Quality Index         Sep - 11         203         266         27.6 <t< td=""><td>Coal Throughput Dec-21 41.3 46.5 - 5.2</td></t<>	Coal Throughput Dec-21 41.3 46.5 - 5.2
Imastructure Capacity Capability         Sep11         Cont. 2         Cont. 2         Cont. 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Dep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8         71.5           Infrastructure Capacity Capability         Mar16	Massare         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         65.4         46.7           Infrastructure Practical Capability         Devin         Devin         Devin         Devin           Infrastructure Practical Capability         Devin         11.1         65.3         63.8         46.7           Infrastructure Practical Capability         Devin         16.83         63.8         46.7           Infrastructure Practical Capability         Devin         16.3         63.8         46.7           Infrastructure Practical Capability         Devin         17.1         57.9         47.7           Infrastructure Practical Capability         Devin         15.7         3.51.6         46.6           Infrastructure Practical Capability         Devin         15.7         3.51.6         44.6           Infrastructure Practical Capability         Devin         15.7         3.51.6         44.6           Infrastructure Practical Capability         Devin         15.7         3.51.6         44.6           Infrastructure Practical Capability         Devin         16.60         63.7         40.0           Infrastructure Practical Capability         Duvin         16.60 <td< td=""><td>Mestin         Gunter         Zons /         Zons /         Zons /         Zons /           Actual Seed         Sep - 11         28.4         30.0         28.3           Actual Seed         Dec - 11         27.1         30.7         28.3           Actual Seed         Dec - 11         27.1         30.7         28.3           Actual Seed         Dec - 12         27.1         30.7         28.3           Actual Speed         Jun - 12         27.0         28.3         27.6           Actual Speed         Jun - 13         30.2         20.3         25.2           Actual Speed         Jun - 13         30.2         130.6         27.7           Actual Speed         Jun - 13         30.2         130.6         27.7           Actual Speed         Jun - 13         30.2         130.6         27.7           Actual Speed         Jun - 14         32.1         30.6         27.7           Actual Speed         Jun - 15         37.3         38.0         27.7           Actual Speed         Jun - 15         37.3         30.8         27.7           Actual Speed         Jun - 15         30.8         30.7         27.0           Actual Speed         <t< td=""><td>Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Control         Zond 5         Zond 5         Zond 7         Zond 7         Zond 7           Track Quality Index         Dec11         203         86.0         27.6         7         <t< td=""><td>Coal Throughput Dec-21 413 46.5 - 5.2</td></t<></td></t<></td></td<>	Mestin         Gunter         Zons /         Zons /         Zons /         Zons /           Actual Seed         Sep - 11         28.4         30.0         28.3           Actual Seed         Dec - 11         27.1         30.7         28.3           Actual Seed         Dec - 11         27.1         30.7         28.3           Actual Seed         Dec - 12         27.1         30.7         28.3           Actual Speed         Jun - 12         27.0         28.3         27.6           Actual Speed         Jun - 13         30.2         20.3         25.2           Actual Speed         Jun - 13         30.2         130.6         27.7           Actual Speed         Jun - 13         30.2         130.6         27.7           Actual Speed         Jun - 13         30.2         130.6         27.7           Actual Speed         Jun - 14         32.1         30.6         27.7           Actual Speed         Jun - 15         37.3         38.0         27.7           Actual Speed         Jun - 15         37.3         30.8         27.7           Actual Speed         Jun - 15         30.8         30.7         27.0           Actual Speed <t< td=""><td>Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Control         Zond 5         Zond 5         Zond 7         Zond 7         Zond 7           Track Quality Index         Dec11         203         86.0         27.6         7         <t< td=""><td>Coal Throughput Dec-21 413 46.5 - 5.2</td></t<></td></t<>	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Control         Zond 5         Zond 5         Zond 7         Zond 7         Zond 7           Track Quality Index         Dec11         203         86.0         27.6         7 <t< td=""><td>Coal Throughput Dec-21 413 46.5 - 5.2</td></t<>	Coal Throughput Dec-21 413 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3         Zone 3           Infrastructure Capacity Capability         Sep. 11         67.1         68.8         51.5           Infrastructure Capacity Capability         Arr - 12         67.1         58.8         51.5           Infrastructure Capacity Capability         Arr - 12         67.1         58.8         51.5           Infrastructure Capacity Capability         Arr - 12         67.1         58.8         51.5           Infrastructure Capacity Capability         Arr - 12         67.1         58.8         51.5           Infrastructure Capacity Capability         Dep - 12         67.1         58.8         51.5           Infrastructure Capacity Capability         Dep - 13         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun - 14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun - 14         67.1         58.8         62.1           Infrastructure Capacity Capability         Jun - 14         67.1         58.8         62.1           Infrastructure Capacity Capability         Jun - 14         67.1         58.8         67.1           Infrastructure Capacity Capability         Mar - 16         67.1	Measure         Zone 1 Power         Zone 2 Power         Zone 3 Power           Infrastructure Practical Capability         Size _ 11         61.1         63.1         46.7           Infrastructure Practical Capability         Size _ 12         61.1         63.1         46.7           Infrastructure Practical Capability         Min - 12         65.1         65.4         46.5           Infrastructure Practical Capability         Jun - 12         65.1         55.5         55.3         46.5           Infrastructure Practical Capability         Jun - 12         67.1         67.9         47.7           Infrastructure Practical Capability         Dec - 12         67.1         57.3         44.6         46.7           Infrastructure Practical Capability         Min - 13         64.2         54.3         44.1         1           Infrastructure Practical Capability         Min - 13         64.2         54.3         44.1         1           Infrastructure Practical Capability         Min - 14         66.0         51.7         34.8         1         1         16.5         46.5         1         16.3         34.2         1         1         16.3         34.2         1         1         15.6         65.0         57.3         42.2	Modelitity         Country         Zous 4         Zous 4         Zous 5           Arbust Speed         Sp. 111         28.4         30.0         29.3           Arbust Speed         Disc. 111         22.4         30.0         29.3           Arbust Speed         Disc. 112         22.4         20.7         72.3           Arbust Speed         Jun. 12         29.1         27.3         27.8           Arbust Speed         Jun. 12         29.1         27.3         27.8           Arbust Speed         Disc. 12         29.3         27.5         7.7.8           Arbust Speed         Disc. 12         20.1         30.7         20.2         28.3           Arbust Speed         Disc. 12         30.1         30.1         20.7         28.4           Arbust Speed         Jun. 13         30.2         30.0         27.1         28.4           Arbust Speed         Jun. 14         33.2         30.0         28.4         27.1         28.4         28.4         27.1         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4 </td <td>Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3         Zone 3           Track Quality Index         Sep - 11         20.3         26.6         27.6</td> <td>Coal Throughput Dec-21 41.3 46.5 - 5.2</td>	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3         Zone 3           Track Quality Index         Sep - 11         20.3         26.6         27.6	Coal Throughput Dec-21 41.3 46.5 - 5.2
Ideasure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar16         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         15.4         49.7           Infrastructure Practical Capability         Devin         Devin         Devin         Devin         Devin           Infrastructure Practical Capability         Devin         11.1         65.3         63.8         46.7           Infrastructure Practical Capability         Devin         16.83.1         66.2         46.8           Infrastructure Practical Capability         Devin         67.1         67.9         47.7           Infrastructure Practical Capability         Devin         15.73         51.6         46.6           Infrastructure Practical Capability         Devin         15.73         51.6         46.6           Infrastructure Practical Capability         Junity         14.67.1         53.2         47.0           Infrastructure Practical Capability         Junity         15.73         51.6         46.6           Infrastructure Practical Capability         Junity         16.71         53.3         83.7           Infrastructure Practical Capability         Junity         16.60         57.3         46.0           Infrastructure Practical Capability         Junity	Mestin         Quarter         Zono 2         Zono 2         Zono 3           Actual Speed         Sep. 11         284         30.0         29.3           Actual Speed         Dec. 11         227         30.1         28.3           Actual Speed         Mer. 12         27.0         30.1         28.3           Actual Speed         Mer. 12         27.0         28.3         27.8           Actual Speed         Sep. 12         29.3         29.3         25.2           Actual Speed         Dec. 12         29.1         30.1         30.7         39.2           Actual Speed         Dec. 12         30.1         30.7         79.2         Actual Speed         Jun 13         30.2         10.0         27.7           Actual Speed         Jun 13         32.1         30.6         27.7         Actual Speed         Jun 14         32.1         30.4         27.8           Actual Speed         Jun 14         32.1         30.6         27.7         Actual Speed         Jun 15         32.1         30.4         28.0           Actual Speed         Jun 16         32.1         30.6         28.0         27.7         Actual Speed         Jun 16         30.3         31.0 </td <td>Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Courteer         Zond 8         Zond 8         Zond 7         Zond 7           Track Quality Index         Dec 11         203         266.0         27.6         Track Quality Index         Dec 11         203         266.0         27.6           Track Quality Index         Dec 11         203         266.0         27.6         Track Quality Index         Dec 12         210         262         28.5           Track Quality Index         Dec 12         212         260         28.5         Track Quality Index         Dec 12         21.2         260         28.5           Track Quality Index         Dec 12         21.2         260         28.5         Track Quality Index         Dec 12         21.2         26.0         28.5           Track Quality Index         Dec 14         19.1         23.2         28.1         11         23.2         28.1           Track Quality Index         Dec 14         19.1         23.2         28.1         11         23.2         28.1           Track Quality Index         Dec 14         17.9         21.7         23.7         Track Quality Index<!--</td--><td>Coal Throughput Dec-21 413 46.5 - 5.2</td></td>	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Courteer         Zond 8         Zond 8         Zond 7         Zond 7           Track Quality Index         Dec 11         203         266.0         27.6         Track Quality Index         Dec 11         203         266.0         27.6           Track Quality Index         Dec 11         203         266.0         27.6         Track Quality Index         Dec 12         210         262         28.5           Track Quality Index         Dec 12         212         260         28.5         Track Quality Index         Dec 12         21.2         260         28.5           Track Quality Index         Dec 12         21.2         260         28.5         Track Quality Index         Dec 12         21.2         26.0         28.5           Track Quality Index         Dec 14         19.1         23.2         28.1         11         23.2         28.1           Track Quality Index         Dec 14         19.1         23.2         28.1         11         23.2         28.1           Track Quality Index         Dec 14         17.9         21.7         23.7         Track Quality Index </td <td>Coal Throughput Dec-21 413 46.5 - 5.2</td>	Coal Throughput Dec-21 413 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan11         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan12         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan12         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan13         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jan14         67.1         58.8         62.1           Infrastructure Capacity Capability         Jan14         67.1         58.8         62.1           Infrastructure Capacity Capability         Jan16         67.1         58.8         62.1           Infrastructure Capacity Capability         Jan16         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         See _ 11         65.1         65.4         462.7           Infrastructure Practical Capability         See _ 11         65.1         65.4         462.7           Infrastructure Practical Capability         Dev         11         65.1         45.4         462.7           Infrastructure Practical Capability         Jun - 11         65.3         45.7         467.7           Infrastructure Practical Capability         Deo - 12         67.1         57.9         47.7           Infrastructure Practical Capability         Deo - 12         67.1         57.9         47.7           Infrastructure Practical Capability         Mr - 13         64.2         54.3         446.1           Infrastructure Practical Capability         Mr - 13         64.2         54.3         44.1           Infrastructure Practical Capability         Mr - 13         64.2         54.3         44.1           Infrastructure Practical Capability         Mr - 14         66.0         57.7         34.8           Infrastructure Practical Capability         Seo - 14         67.1         57.3         42.2           Infrastructure Practical Capability         Mr - 15         66.0	Modelitity         Country         Zous 4         Zous 4         Zous 5           Arbust Speed         Sp. 111         28.4         30.0         29.3           Arbust Speed         Disc. 111         22.4         30.0         29.3           Arbust Speed         Disc. 112         22.4         20.7         72.3           Arbust Speed         Jun. 12         29.1         27.3         27.8           Arbust Speed         Jun. 12         29.1         27.3         27.8           Arbust Speed         Disc. 12         29.3         27.5         7.7.8           Arbust Speed         Disc. 12         20.1         30.7         20.2         28.3           Arbust Speed         Disc. 12         30.1         30.1         20.7         28.4           Arbust Speed         Jun. 13         30.2         30.0         27.1         28.4           Arbust Speed         Jun. 14         33.2         30.0         28.4         27.1         28.4         28.4         27.1         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4         28.4 </td <td>Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3         Zone 3           Track Quality Index         Sep - 11         20.3         26.6         27.6</td> <td>Coal Throughput Dec-21 41.3 46.5 - 5.2</td>	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3         Zone 3           Track Quality Index         Sep - 11         20.3         26.6         27.6	Coal Throughput Dec-21 41.3 46.5 - 5.2
Ideasure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar16         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         15.4         49.7           Infrastructure Practical Capability         Devin         Devin         Devin         Devin         Devin           Infrastructure Practical Capability         Devin         11.1         65.3         63.8         46.7           Infrastructure Practical Capability         Devin         16.83.1         66.2         46.8           Infrastructure Practical Capability         Devin         67.1         67.9         47.7           Infrastructure Practical Capability         Devin         15.73         51.6         46.6           Infrastructure Practical Capability         Devin         15.73         51.6         46.6           Infrastructure Practical Capability         Junity         14.67.1         53.2         47.0           Infrastructure Practical Capability         Junity         15.73         51.6         46.6           Infrastructure Practical Capability         Junity         16.71         53.3         83.7           Infrastructure Practical Capability         Junity         16.60         57.3         46.0           Infrastructure Practical Capability         Junity	Mestin         Quarter         Zono 2         Zono 2         Zono 3           Actual Speed         Sep. 11         284         30.0         29.3           Actual Speed         Dec. 11         227         30.1         28.3           Actual Speed         Mer. 12         27.0         30.1         28.3           Actual Speed         Mer. 12         27.0         28.3         27.8           Actual Speed         Sep. 12         29.3         29.3         25.2           Actual Speed         Dec. 12         29.1         30.1         30.7         39.2           Actual Speed         Dec. 12         30.1         30.7         79.2         Actual Speed         Jun 13         30.2         10.0         27.7           Actual Speed         Jun 13         32.1         30.6         27.7         Actual Speed         Jun 14         32.1         30.4         27.8           Actual Speed         Jun 14         32.1         30.6         27.7         Actual Speed         Jun 15         32.1         30.4         28.0           Actual Speed         Jun 16         32.1         30.6         28.0         27.7         Actual Speed         Jun 16         30.3         31.0 </td <td>Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3           Track Quality Index         Sep11         2.0.3         26.6         27.6         27.6           Track Quality Index         Dec12         2.0.3         26.6         27.6         27.6           Track Quality Index         Dec12         2.1.2         28.6         27.6         27.6           Track Quality Index         Mar12         2.0.3         26.2         28.5         27.6           Track Quality Index         Dec12         21.2         28.0         28.5         27.6           Track Quality Index         Dec12         21.2         28.0         28.5         27.6           Track Quality Index         Dec13         19.1         23.2         25.1         27.6           Track Quality Index         Dec13         19.1         23.2         25.1         17.6         22.7         22.6           Track Quality Index         Dec13         19.1         23.2         23.1         17.1         23.2         23.1         17.6         23.1         23.7         17.6         <t< td=""><td>Coal Throughput Dec-21 413 46.5 - 5.2</td></t<></td>	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3           Track Quality Index         Sep11         2.0.3         26.6         27.6         27.6           Track Quality Index         Dec12         2.0.3         26.6         27.6         27.6           Track Quality Index         Dec12         2.1.2         28.6         27.6         27.6           Track Quality Index         Mar12         2.0.3         26.2         28.5         27.6           Track Quality Index         Dec12         21.2         28.0         28.5         27.6           Track Quality Index         Dec12         21.2         28.0         28.5         27.6           Track Quality Index         Dec13         19.1         23.2         25.1         27.6           Track Quality Index         Dec13         19.1         23.2         25.1         17.6         22.7         22.6           Track Quality Index         Dec13         19.1         23.2         23.1         17.1         23.2         23.1         17.6         23.1         23.7         17.6 <t< td=""><td>Coal Throughput Dec-21 413 46.5 - 5.2</td></t<>	Coal Throughput Dec-21 413 46.5 - 5.2
Ideasure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar16         67.1         58.8         67.1           Infrastructure Capacity Capability         Mar16         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         See _ 11         65.1         65.4         462.7           Infrastructure Practical Capability         See _ 11         65.1         65.4         462.7           Infrastructure Practical Capability         Dev         11         65.1         45.4         462.7           Infrastructure Practical Capability         Jun - 11         65.3         45.7         467.7           Infrastructure Practical Capability         Deo - 12         67.1         57.9         47.7           Infrastructure Practical Capability         Deo - 12         67.1         57.9         47.7           Infrastructure Practical Capability         Mr - 13         64.2         54.3         446.1           Infrastructure Practical Capability         Mr - 13         64.2         54.3         44.1           Infrastructure Practical Capability         Mr - 13         64.2         54.3         44.1           Infrastructure Practical Capability         Mr - 14         66.0         57.7         34.8           Infrastructure Practical Capability         Seo - 14         67.1         57.3         42.2           Infrastructure Practical Capability         Mr - 15         66.0	Measure         Counter         Zons 4         Zons 3         Zons 3           Adual Sobet         Sec. 11         24         30.0         29.3           Adual Sobet         Sec. 11         24         30.0         29.3           Actual Speed         Mar. 12         24.1         27.7         30.2         27.8           Actual Speed         Jan. 12         27.0         28.3         77.6         Actual Speed         Jan. 12         27.0         28.3           Actual Speed         Jan. 12         27.0         28.3         77.6         Actual Speed         Jan. 12         20.1         30.7         Rotusl Speed         Jan. 12         20.1         30.7         Rotusl Speed         Jan. 12         30.1         30.7         Rotusl Speed         Jan. 13         32.1         30.1         27.7           Actual Speed         Jan. 14         32.1         30.1         27.7         Actual Speed         Jan. 14         32.1         30.8         28.1           Actual Speed         Jan. 14         32.1         30.8         28.1         13.1         28.0         28.1         13.1         28.0         27.7           Actual Speed         Jan. 15         27.3         30.8         30.7	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Counter         Zond 3         Zond 5         Zond 5         Zond 7           Track Quality Index         Stap 11         203         285         27.6           Track Quality Index         Stap 11         203         285         27.6           Track Quality Index         Mar. + 12         200         85.2         28.2           Track Quality Index         Jun 12         210         26.2         28.5           Track Quality Index         Dec 12         21.2         26.0         28.5           Track Quality Index         Dec 12         21.2         26.0         28.5           Track Quality Index         Mar 13         19.3         24.0         25.9           Track Quality Index         Dec 14         19.1         23.2         26.1           Track Quality Index         Dec 14         19.1         23.2         28.1           Track Quality Index         Dec 14         17.9         21.7         23.7           Track Quality Index         Dec 14         17.9         21.7         23.7           Track Quality Index         Dec 16	Coal Throughput Dec-21 41.3 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Am12         67.1         58.8         51.5           Infrastructure Capacity Capability         Am12         67.1         58.8         51.5           Infrastructure Capacity Capability         Am13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8         71.5           Infrastructure Capacity Capability         Mar16         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         See _ 11         65.1         65.4         462.7           Infrastructure Practical Capability         Dev         11         65.3         462.7           Infrastructure Practical Capability         Dev         11         65.4         462.7           Infrastructure Practical Capability         Jun - 12         65.3         462.7         467.7           Infrastructure Practical Capability         Dev - 12         67.1         57.9         477.7           Infrastructure Practical Capability         Dev - 12         67.1         57.9         477.7           Infrastructure Practical Capability         Dev - 13         57.3         51.6         46.6           Infrastructure Practical Capability         Dev - 13         57.3         51.6         46.6           Infrastructure Practical Capability         Dev - 14         67.1         57.4         44.9           Infrastructure Practical Capability         Mar - 15         66.0         57.3         45.0           Infrastructure Practical Capability         Mar - 16         67.1         57.4         45.0           Infrastructure Practical Capability         Mar - 15         66.0         57.3	Measure         County         Zons 2         Zons 3         Zons 3           Adual Speed         Sep -11         28.4         0.0         28.3           Adual Speed         Sep -11         28.4         0.0         28.3           Actual Speed         Mar -12         27.1         28.4         28.3           Actual Speed         Jun -12         27.0         28.3         77.8           Actual Speed         Jun -12         27.0         28.3         77.8           Actual Speed         Dec -12         29.3         29.3         75.2           Actual Speed         Dec -12         29.3         30.7         79.2           Actual Speed         Jun -13         30.2         30.0         28.5           Actual Speed         Jun -13         30.2         1.00.1         27.7           Actual Speed         Jun -14         33.2         1.00.6         27.7           Actual Speed         Jun -14         33.2         1.00.6         28.6           Actual Speed         Jun -15         3.21         1.01.3         28.1           Actual Speed         Jun -15         27.3         1.00.8         27.7           Actual Speed         Jun -17         28	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Measure         Quarter         Zone 1         Zone 2         Zone 3         Zone 3           Track Quality Index         Sep11         20.3         26.6         27.6         27.6           Track Quality Index         Dec11         20.3         26.6         27.6         27.6           Track Quality Index         Mar12         20.1         26.2         26.5         27.6           Track Quality Index         Mar12         20.1         26.2         26.5         27.6           Track Quality Index         Dec12         21.2         26.0         26.2         26.7           Track Quality Index         Dec12         21.2         26.0         26.2         26.7           Track Quality Index         Dec13         19.1         23.8         25.1         17.7         23.0         25.1           Track Quality Index         Dec14         17.7         21.8         25.1         17.6         23.2         26.1           Track Quality Index         Dec16         19.1         23.2         25.1         17.7         23.7         17.7         23.7         17.7         23	Coal Throughput Dec-21 41.3 46.5 - 5.2
Ideasure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mer13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar16         67.1         58.8         67.1           Infrastructure Capacity Capability         Mar16         67.1         58.8	Massure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep11         65.1         65.4         49.7           Infrastructure Practical Capability         Mer11         65.3         65.8         46.7           Infrastructure Practical Capability         Mer11         65.3         65.8         46.7           Infrastructure Practical Capability         Mer12         65.7         62.7         67.7           Infrastructure Practical Capability         Mer12         65.7         67.7         67.7           Infrastructure Practical Capability         Mer13         64.2         64.3         44.1           Infrastructure Practical Capability         Mer13         64.2         64.3         44.1           Infrastructure Practical Capability         Mer13         64.2         64.3         44.1           Infrastructure Practical Capability         Mer14         67.1         57.3         50.6         47.2           Infrastructure Practical Capability         Mer14         67.1         57.4         44.9         1           Infrastructure Practical Capability         Mer16         66.0         67.7         24.2         1           Infrastructure Practical Capability	Messire         Quarter         Zone 1         Zone 2         Zone 3           Actual Speed         Sep. 11         28.4         30.0         29.3           Actual Speed         Dec. 11         27.7         30.1         28.3           Actual Speed         Mar. 12         27.0         20.1         28.3           Actual Speed         Mar. 12         27.0         29.3         27.3           Actual Speed         Mar. 12         20.0         29.3         27.3           Actual Speed         Dec. 12         29.3         29.3         27.3           Actual Speed         Dec. 12         29.3         29.3         25.2           Actual Speed         Dec. 12         29.3         30.7         79.2           Actual Speed         Jun 13         30.2         30.6         27.7           Actual Speed         Dec 13         30.2         10.1         27.7           Actual Speed         Dec 13         30.2         10.3         28.6           Actual Speed         Jun 14         32.2         10.3         28.6           Actual Speed         Dec 15         30.7         30.6         28.7           Actual Speed         Dec 16	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Conster         Zone 1         2003         2005         Zone 3           Track Ouality Index         Sep11         203         206         272           Track Ouality Index         Sep11         203         266         272           Track Ouality Index         Sep12         210         862         282           Track Ouality Index         Jun12         210         862         282           Track Ouality Index         Dec12         212         260         285           Track Ouality Index         Dec12         212         260         285           Track Ouality Index         Mar13         193         240         255           Track Ouality Index         Mar13         193         240         255           Track Ouality Index         Mar13         193         240         255           Track Ouality Index         Mar14         177         217         237           Track Ouality Index         Mar15         186         227         256           Track Ouality Index         Mar16         188         214	Coal Throughput Dec-21 413 46.5 - 5.2
Nessure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Dep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8	Massare         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Size _ 11         Size _ 12	Mestini         Conter         Zons /         Zons / <thzons <="" th=""> <thzons <="" th=""> <thzons <="" t<="" td=""><td>Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Conster         Zone 1         2003         2005         Zone 3           Track Ouality Index         Sep11         203         206         272           Track Ouality Index         Sep11         203         266         272           Track Ouality Index         Sep12         210         862         282           Track Ouality Index         Jun12         210         862         282           Track Ouality Index         Dec12         212         260         285           Track Ouality Index         Dec12         212         260         285           Track Ouality Index         Mar13         193         240         255           Track Ouality Index         Mar13         193         240         255           Track Ouality Index         Mar13         193         240         255           Track Ouality Index         Mar14         177         217         237           Track Ouality Index         Mar15         186         227         256           Track Ouality Index         Mar16         188         214</td><td>Coal Throughput Dec-21 41.3 46.5 - 5.2</td></thzons></thzons></thzons>	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Conster         Zone 1         2003         2005         Zone 3           Track Ouality Index         Sep11         203         206         272           Track Ouality Index         Sep11         203         266         272           Track Ouality Index         Sep12         210         862         282           Track Ouality Index         Jun12         210         862         282           Track Ouality Index         Dec12         212         260         285           Track Ouality Index         Dec12         212         260         285           Track Ouality Index         Mar13         193         240         255           Track Ouality Index         Mar13         193         240         255           Track Ouality Index         Mar13         193         240         255           Track Ouality Index         Mar14         177         217         237           Track Ouality Index         Mar15         186         227         256           Track Ouality Index         Mar16         188         214	Coal Throughput Dec-21 41.3 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3         Zone 3           Infrastructure Gaeachy Capability         Sep. 11         Grant Measure         General Control	Measure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Size - 11         11         64.1         64.7           Infrastructure Practical Capability         Size - 11         61.1         64.7         69.9           Infrastructure Practical Capability         Mar - 12         65.1         64.7         64.7           Infrastructure Practical Capability         Jun - 12         65.1         65.3         46.6           Infrastructure Practical Capability         Mar - 12         65.1         67.4         67.7           Infrastructure Practical Capability         Dec - 12         67.1         67.9         47.7           Infrastructure Practical Capability         Mar - 13         64.2         54.3         44.1           Infrastructure Practical Capability         Mar - 13         64.2         54.3         44.1           Infrastructure Practical Capability         Mar - 14         66.0         51.7         34.8         1           Infrastructure Practical Capability         Mar - 14         66.0         57.3         44.9         1           Infrastructure Practical Capability         Mar - 16         65.9         67.7         50.0         1           Infrastructure Practical Capability	Misiature         Constr         Zous 4         Zous 4         Zous 5           Arbus Speed         Sop. 111         28.4         30.0         29.3           Arbus Speed         Disc. 111         28.4         30.0         29.3           Arbus Speed         Mar. 12         28.1         29.7         32.3           Arbus Speed         Jan. 12         29.1         29.3         27.8           Actus Speed         Jan. 12         29.0         29.3         25.2           Actus Speed         Disc. 12         29.3         20.1         20.7           Actus Speed         Disc. 12         30.1         30.0         29.2           Actus Speed         Disc. 13         32.1         30.6         27.2           Actus Speed         Disc. 13         32.1         30.2         27.2           Actus Speed         Disc. 13         32.1         30.2         88.4           Actus Speed         Jan 14         33.2         13.0         28.4           Actus Speed         Jan 15         32.2         13.0         28.4           Actus Speed         Jan 16         30.7         30.6         28.4           Actus Speed         Jan 16         30.7	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Constructure         Zone 3         Zone 3         Zone 3         Zone 3           Track Constity Index         Sep11         203         206         272           Track Constity Index         Sep11         203         266         272           Track Constity Index         Sep12         210         862         282           Track Constity Index         Jun12         210         862         282           Track Constity Index         Dec12         212         260         285           Track Constity Index         Mar13         193         240         259           Track Constity Index         Mar14         177         217         237           Track Constity Index         Mar16         186         227         256           Track Constity Index         Mar16         188	Coal Throughput Dec-21 413 46.5 - 5.2
Nessure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Dep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Dep13         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun14         67.1         58.8         51.5           Infrastructure Capacity Capability         Jun16         67.1         58.8         71.5           Infrastructure Capacity Capability         Jun16         67.1         58.8	Massare         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep. 11         65.1         65.4         46.7           Infrastructure Practical Capability         Sep. 11         65.3         63.8         46.7           Infrastructure Practical Capability         Mar. 11         65.3         63.8         46.7           Infrastructure Practical Capability         Mar. 12         65.3         63.8         46.7           Infrastructure Practical Capability         Dec. 12         67.1         57.9         47.7           Infrastructure Practical Capability         Dec. 12         67.1         57.9         47.7           Infrastructure Practical Capability         Dec. 12         67.1         57.3         44.6           Infrastructure Practical Capability         Dec. 13         57.3         51.6         46.6           Infrastructure Practical Capability         Dec. 14         67.1         57.4         42.2           Infrastructure Practical Capability         Dec. 14         67.1         57.4         42.2           Infrastructure Practical Capability         Dec. 14         67.1         57.4         42.2           Infrastructure Practical Capability         Mar. 15         66.0         57.3	Mestini         Counter         Zons 2         Zons 3           Actual Seed         Sep - 11         28.4         30.0         28.3           Actual Seed         Dec - 11         27.1         30.7         28.3           Actual Seed         Dec - 11         27.1         30.7         28.3           Actual Seed         Dec - 12         27.1         30.7         28.3           Actual Speed         Jan - 12         27.0         28.3         27.6           Actual Speed         Dec - 12         29.3         30.9         25.2           Actual Speed         Dec - 12         29.3         30.9         28.5           Actual Speed         Mar - 13         30.2         30.6         27.7           Actual Speed         Dec - 12         21         30.4         27.7           Actual Speed         Dec - 13         30.7         30.1         27.7           Actual Speed         Dec - 14         32.1         30.6         28.1           Actual Speed         Dec - 14         32.1         30.8         28.1           Actual Speed         Dec - 16         30.7         30.5         28.4           Actual Speed         Dec - 17         30.8         3	Infrastructure Maintenance Paths Cancelled         Dec21         1077         231         171           Massure         Control         Zond 8         Zond 8         Zond 7         Zond 7         Zond 7           Track Quality Index         Dec11         203         266.0         27.4         Insck Quality Index         Dec11         203         266.0         27.4           Track Quality Index         Dec11         203         26.2         27.4         Insck Quality Index         Dec12         210         26.2         28.5           Track Quality Index         Dec12         21.2         26.0         28.5         Insck Quality Index         Dec12         21.2         26.0         28.5           Track Quality Index         Dec12         21.2         26.0         28.5         Insck Quality Index         Dec12         21.2         26.0         28.5           Track Quality Index         Mar14         19.1         23.2         25.1         Insck Quality Index         Mar14         19.1         23.2         28.1           Track Quality Index         Mar16         16.8         22.2         2.5.6         Insck Quality Index         Qual14         17.7         21.8         2.3.7         Insck Quality Index </td <td>Coal Throughput Dec-21 41.3 46.5 - 5.2</td>	Coal Throughput Dec-21 41.3 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Sep11         67.1         58.8         51.5           Infrastructure Capacity Capability         Am12         67.1         58.8         51.5           Infrastructure Capacity Capability         Am12         67.1         58.8         51.5           Infrastructure Capacity Capability         Am12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar14         67.1         58.8         62.1           Infrastructure Capacity Capability         Mar16         67.1         58.8         71.5           Infrastructure Capacity Capability         Mar16         67.1         58.8	Measure         Zone 1         Zone 2         Zone 3           Infinishuchuo Pracical Casability         Sie _ 11         651         654         462           Infinishuchuo Pracical Casability         Sie _ 11         651         654         462           Infinishuchuo Pracical Casability         Lin 1         651         654         462           Infinishuchuo Pracical Casability         Lin 1         651         654         462           Infinishuchuo Pracical Casability         Lin 1         653         655         553         555           Infinishuchuo Pracical Casability         Deo - 12         67.1         67.9         47.7           Infinishuchuo Pracical Casability         Deo - 12         67.1         57.9         47.7           Infinishuchuo Pracical Casability         Deo - 13         57.3         51.6         46.5           Infinishuchuo Pracical Casability         Deo - 13         57.3         51.6         46.5           Infinishuchuo Pracical Casability         Deo - 14         67.1         57.3         44.5           Infinishuchuo Pracical Casability         Seo - 14         67.1         57.3         45.0           Infinishuchuo Pracical Casability         Deo - 15         66.0         57.7         42.2 <td>Measure         Counter         Zons 4         Zons 3         Zons 3           Adual Sobel         Sec. 11         224         30.0         29.3           Adual Sobel         Sec. 11         227         30.0         29.3           Actual Speed         Mar. 12         28.1         27.7         30.2         77.8           Actual Speed         Jan. 12         27.0         28.3         77.8         Actual Speed         Jan. 12         27.0         28.3           Actual Speed         Dec. 12         29.3         29.3         25.2         Actual Speed         Jan. 12         20.1         30.7         Recurst Speed         Jan. 12         20.1         30.7         19.2         Actual Speed         Jan. 12         30.1         30.1         27.2           Actual Speed         Jan. 14         32.2         130.0         28.5         Actual Speed         Jan. 14         32.1         30.8         28.4           Actual Speed         Jan. 14         32.2         130.8         28.4         Actual Speed         Jan. 15         27.3         28.0         27.7           Actual Speed         Jan. 15         27.3         13.0         28.0         27.0         28.4         27.0         28.4</td> <td>Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Conster         Zone 1         2019         Zone 2         Zone 3           Track Quality Index         Sep - 11         203         266         27.6           Track Quality Index         Dec - 12         203         266         27.6           Track Quality Index         Dec - 12         201         262         26.5           Track Quality Index         Jun - 12         210         262         26.5           Track Quality Index         Dec - 12         212         26.0         28.5           Track Quality Index         Mar - 13         19.3         24.0         25.9           Track Quality Index         Jun - 13         19.3         24.0         25.9           Track Quality Index         Jun - 14         17.9         21.2         25.1           Track Quality Index         Jun - 14         17.9         22.5         17.7           Track Quality Index         Jun - 14         17.9         22.8         25.1           Track Quality Index         Jun - 15         18.6         22.7         25.6           Track Quality Index         Jun - 16         18.6<td>Coal Throughput Dec-21 413 46.5 - 5.2</td></td>	Measure         Counter         Zons 4         Zons 3         Zons 3           Adual Sobel         Sec. 11         224         30.0         29.3           Adual Sobel         Sec. 11         227         30.0         29.3           Actual Speed         Mar. 12         28.1         27.7         30.2         77.8           Actual Speed         Jan. 12         27.0         28.3         77.8         Actual Speed         Jan. 12         27.0         28.3           Actual Speed         Dec. 12         29.3         29.3         25.2         Actual Speed         Jan. 12         20.1         30.7         Recurst Speed         Jan. 12         20.1         30.7         19.2         Actual Speed         Jan. 12         30.1         30.1         27.2           Actual Speed         Jan. 14         32.2         130.0         28.5         Actual Speed         Jan. 14         32.1         30.8         28.4           Actual Speed         Jan. 14         32.2         130.8         28.4         Actual Speed         Jan. 15         27.3         28.0         27.7           Actual Speed         Jan. 15         27.3         13.0         28.0         27.0         28.4         27.0         28.4	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Conster         Zone 1         2019         Zone 2         Zone 3           Track Quality Index         Sep - 11         203         266         27.6           Track Quality Index         Dec - 12         203         266         27.6           Track Quality Index         Dec - 12         201         262         26.5           Track Quality Index         Jun - 12         210         262         26.5           Track Quality Index         Dec - 12         212         26.0         28.5           Track Quality Index         Mar - 13         19.3         24.0         25.9           Track Quality Index         Jun - 13         19.3         24.0         25.9           Track Quality Index         Jun - 14         17.9         21.2         25.1           Track Quality Index         Jun - 14         17.9         22.5         17.7           Track Quality Index         Jun - 14         17.9         22.8         25.1           Track Quality Index         Jun - 15         18.6         22.7         25.6           Track Quality Index         Jun - 16         18.6 <td>Coal Throughput Dec-21 413 46.5 - 5.2</td>	Coal Throughput Dec-21 413 46.5 - 5.2
Nesturo         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Mar11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Dep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8         71.5           Infrastructure Capacity Capability         Mar16         67.1         58.8	Massare         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep. 11         654.1         449.7           Infrastructure Practical Capability         Sep. 11         653.1         653.4         449.7           Infrastructure Practical Capability         Mar. 11         654.1         654.1         449.7           Infrastructure Practical Capability         Mar. 12         653.1         653.4         465.1           Infrastructure Practical Capability         Mar. 12         671.1         57.9         477.7           Infrastructure Practical Capability         Deo.12         671.1         57.9         477.7           Infrastructure Practical Capability         Deo.13         57.3         51.6         46.6           Infrastructure Practical Capability         Deo.14         671.1         57.3         47.0           Infrastructure Practical Capability         Dav. 14         660.1         51.7         34.8           Infrastructure Practical Capability         Dav. 14         671.1         53.4         45.1           Infrastructure Practical Capability         Dav. 15         660.0         57.3         45.0           Infrastructure Practical Capability         Mav. 15         66.0         57.7 <t< td=""><td>Mestin         Counter         Zons 2         Zons 2         Zons 3           Actual Seeed         Sep - 11         28.4         30.0         29.3           Actual Seeed         Dec - 11         27.7         30.7         28.3           Actual Seeed         Dec - 11         27.7         30.7         28.3           Actual Seeed         Dec - 12         27.7         30.7         28.3           Actual Speed         Jun - 12         27.0         28.3         27.6           Actual Speed         Dec - 12         29.3         29.3         25.2           Actual Speed         Dec - 12         29.3         30.9         28.5           Actual Speed         Dec - 13         30.2         30.6         27.7           Actual Speed         Dec - 13         30.2         130.6         27.7           Actual Speed         Dec - 13         30.2         130.8         28.6           Actual Speed         Jun - 15         32.1         30.6         27.7           Actual Speed         Jun - 15         32.1         31.8         28.0           Actual Speed         Jun - 15         32.1         31.3         80.0           Actual Speed         Jun - 16</td><td>Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Counter         Zond 3         Zond 5         <thzon 5<="" th="">         Zond 5         Zond</thzon></td><td>Coal Throughput Dec-21 413 46.5 - 5.2</td></t<>	Mestin         Counter         Zons 2         Zons 2         Zons 3           Actual Seeed         Sep - 11         28.4         30.0         29.3           Actual Seeed         Dec - 11         27.7         30.7         28.3           Actual Seeed         Dec - 11         27.7         30.7         28.3           Actual Seeed         Dec - 12         27.7         30.7         28.3           Actual Speed         Jun - 12         27.0         28.3         27.6           Actual Speed         Dec - 12         29.3         29.3         25.2           Actual Speed         Dec - 12         29.3         30.9         28.5           Actual Speed         Dec - 13         30.2         30.6         27.7           Actual Speed         Dec - 13         30.2         130.6         27.7           Actual Speed         Dec - 13         30.2         130.8         28.6           Actual Speed         Jun - 15         32.1         30.6         27.7           Actual Speed         Jun - 15         32.1         31.8         28.0           Actual Speed         Jun - 15         32.1         31.3         80.0           Actual Speed         Jun - 16	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Counter         Zond 3         Zond 5         Zond 5 <thzon 5<="" th="">         Zond 5         Zond</thzon>	Coal Throughput Dec-21 413 46.5 - 5.2
Measure         Zone 1         Zone 2         Zone 3           Infræstructure Capacity Capability         Sep11         67.1         58.8         51.5           Infræstructure Capacity Capability         Sep11         67.1         58.8         51.5           Infræstructure Capacity Capability         Am11         67.1         58.8         51.5           Infræstructure Capacity Capability         Am12         67.1         58.8         51.5           Infræstructure Capacity Capability         Am12         67.1         58.8         51.5           Infræstructure Capacity Capability         Deo12         67.1         58.8         51.5           Infræstructure Capacity Capability         Deo13         67.1         58.8         51.5           Infræstructure Capacity Capability         Deo14         67.1         58.8         51.5           Infræstructure Capacity Capability         Deo14         67.1         58.8         62.1           Infræstructure Capacity Capability         Deo14         67.1         58.8         62.1           Infræstructure Capacity Capability         Mar16         67.1         58.8         71.5           Infræstructure Capacity Capability         Mar16         67.1         58.8	Measure         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Ser 11         65.1         64.4         447.1           Infrastructure Practical Capability         Ser 11         65.1         65.4         447.1           Infrastructure Practical Capability         Dev 11         65.3         65.2         447.1           Infrastructure Practical Capability         Jun 12         65.1         65.4         447.1           Infrastructure Practical Capability         Dev 12         67.1         57.9         47.7.7           Infrastructure Practical Capability         Dev 12         67.1         57.9         447.7.1           Infrastructure Practical Capability         Jun 13         64.2         54.3         44.1           Infrastructure Practical Capability         Jun 14         66.0         57.3         51.6         46.6           Infrastructure Practical Capability         Ser 14         67.1         57.3         42.2         Infrastructure Practical Capability         Ser 14         67.1         57.3         42.2         Infrastructure Practical Capability         Ser 15         64.0         57.3         42.2         Infrastructure Practical Capability         Mer 15         65.0         57.2	Mostatu         Currer         Zons 4         Zons 3         Zons 3           Adual Sobet         Sec. 11         2.6         30.0         2.9         3           Adual Sobet         Sec. 11         2.7         30.0         2.9         3           Adual Speed         Mar. 12         2.6         1.27         30.0         2.9         3           Adual Speed         Jan. 12         2.7         0.28         3         7         6           Actual Speed         Jan. 12         2.7         0.28         3         7.8         7           Actual Speed         Dec. 12         2.9         3.0         1.9         7.9         2           Actual Speed         Jan. 12         3.01         3.0.1         1.27         2.0.1         3.0.1         2.7           Actual Speed         Jan. 14         3.22         1.30.1         2.7         2.4.3         3.0.1         2.7           Actual Speed         Jan. 14         3.21         1.0.2         2.8.1         1.3         2.0         3.8.1           Actual Speed         Jan. 15         3.7.2         1.8.1         3.8.0         2.7.1         Actual Speed         3.0.1         2.7.1         3.0.1 <t< td=""><td>Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Conster         Zone 1         2019         Zone 3         Zone 3           Track Quality Index         Sep - 11         20.3         26.6         27.6         <td< td=""><td>Coal Throughput Dec-21 41.3 46.5 - 5.2</td></td<></td></t<>	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Conster         Zone 1         2019         Zone 3         Zone 3           Track Quality Index         Sep - 11         20.3         26.6         27.6 <td< td=""><td>Coal Throughput Dec-21 41.3 46.5 - 5.2</td></td<>	Coal Throughput Dec-21 41.3 46.5 - 5.2
Nesturo         Zone 1         Zone 2         Zone 3           Infrastructure Capacity Capability         Sep11         67.1         68.8         51.5           Infrastructure Capacity Capability         Mar11         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Dep12         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar13         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar14         67.1         58.8         51.5           Infrastructure Capacity Capability         Mar16         67.1         58.8         71.5           Infrastructure Capacity Capability         Mar16         67.1         58.8	Massare         Zone 1         Zone 2         Zone 3           Infrastructure Practical Capability         Sep. 11         654.1         449.7           Infrastructure Practical Capability         Sep. 11         653.1         653.4         449.7           Infrastructure Practical Capability         Mar. 11         654.1         654.1         449.7           Infrastructure Practical Capability         Mar. 12         653.1         653.4         465.1           Infrastructure Practical Capability         Mar. 12         671.1         57.9         477.7           Infrastructure Practical Capability         Deo.12         671.1         57.9         477.7           Infrastructure Practical Capability         Deo.13         57.3         51.6         46.6           Infrastructure Practical Capability         Deo.14         671.1         57.3         47.0           Infrastructure Practical Capability         Dav. 14         660.1         51.7         34.8           Infrastructure Practical Capability         Dav. 14         671.1         53.4         45.1           Infrastructure Practical Capability         Dav. 15         660.0         57.3         45.0           Infrastructure Practical Capability         Mav. 15         66.0         57.7 <t< td=""><td>Mestin         Counter         Zons 2         Zons 2         Zons 3           Actual Seeed         Sep - 11         28.4         30.0         29.3           Actual Seeed         Dec - 11         27.7         30.7         28.3           Actual Seeed         Dec - 11         27.7         30.7         28.3           Actual Seeed         Dec - 12         27.7         30.7         28.3           Actual Speed         Jun - 12         27.0         28.3         27.6           Actual Speed         Dec - 12         29.3         29.3         25.2           Actual Speed         Dec - 12         29.3         30.9         28.5           Actual Speed         Dec - 13         30.2         30.6         27.7           Actual Speed         Dec - 13         30.2         130.6         27.7           Actual Speed         Dec - 13         30.2         130.8         28.6           Actual Speed         Jun - 15         32.1         30.6         27.7           Actual Speed         Jun - 15         32.1         31.8         28.0           Actual Speed         Jun - 15         32.1         31.3         80.0           Actual Speed         Jun - 16</td><td>Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Counter         Zond 3         Zond 5         <thzon 5<="" th="">         Zond 5         Zond</thzon></td><td>Coal Throughput Dec-21 413 46.5 - 5.2</td></t<>	Mestin         Counter         Zons 2         Zons 2         Zons 3           Actual Seeed         Sep - 11         28.4         30.0         29.3           Actual Seeed         Dec - 11         27.7         30.7         28.3           Actual Seeed         Dec - 11         27.7         30.7         28.3           Actual Seeed         Dec - 12         27.7         30.7         28.3           Actual Speed         Jun - 12         27.0         28.3         27.6           Actual Speed         Dec - 12         29.3         29.3         25.2           Actual Speed         Dec - 12         29.3         30.9         28.5           Actual Speed         Dec - 13         30.2         30.6         27.7           Actual Speed         Dec - 13         30.2         130.6         27.7           Actual Speed         Dec - 13         30.2         130.8         28.6           Actual Speed         Jun - 15         32.1         30.6         27.7           Actual Speed         Jun - 15         32.1         31.8         28.0           Actual Speed         Jun - 15         32.1         31.3         80.0           Actual Speed         Jun - 16	Infrastructure Maintenance Paths Cancelled         Dec 21         1077         231         171           Measure         Counter         Zond 3         Zond 5         Zond 5 <thzon 5<="" th="">         Zond 5         Zond</thzon>	Coal Throughput Dec-21 413 46.5 - 5.2

PUBLIC

## **Request Number 2:**

## **Question 10:**

Opex for 2021 includes \$2.174m in expensed project costs for Phase 3 of Widden Creek Loop project. ARTC has provided the document 'HVAU 2021 Att 5.8.20 Expense Widden Creek Loop – RCG' which noted that \$350,000 was previously expensed for Phase 1 and \$1,680,000 for Phase 2. However, we understand that no expensed project costs have been included in ARTC's opex since 2014.

Could you please advise:

- (a) when the latter costs were previously expensed,
- (b) what category of opex or capex they were treated as in previous submissions?

## Advice:

(a)

The Phase 1 and Phase 2 Expensed Projects expenditure of \$2.035M in relation to the Widden Creek Loop project were expensed in the 2013 Compliance Return.

The ARTC 2012-2021 Hunter Valley Corridor Capacity Strategy, following industry consultation identified the requirement for a number of rail infrastructure projects, including the Widden Creek loop. This was in order to ensure sufficient capacity would be available to meet the industry coal demand forecasts at the time which included the PWCS T4 project.

Subsequent to the release of this Strategy and the commencement of the respective projects, the industry saw a significant reduction in coal volume forecasts which coincided with the announced deferment of the PWCS Terminal 4 development. Further, the achievement of operational efficiencies through the growth in train sizes all resulted in a reduced infrastructure requirement which led to the need for ARTC to reassess whether these projects were required to be deferred or cancelled.

This is supported by ARTC's 2013 Compliance submission (attached) to the ACCC which states on page 21:

'a suite of projects were endorsed by the RCG prior to 2013 to enable the rail track capacity to match the additional capacity provided by T4. For each project, RCG endorsement is required to proceed to the next stage. For the T4 projects, the RCG did not endorse project advancement due to the deferral of the T4 project by PWCS and the capital spend was sought to be expensed in 2013'.

In the 2013 Compliance Submission, there was \$10.3M of expensed projects included in Infrastructure Costs for the whole HV Network stemming from the cancellation of PWCS T4 and reduced capacity profiles received from customers.

*Figure 1* below is the excerpt from the RCG Memo 'Expensing of Deferred Projects' (attached) which was provided to the RCG in February 2014 to provide further transparency and details the projects which are included in the Infrastructure Costs in the 2013 Compliance Submission. Project 5754 shows the Widden Creek Loop expenditure being \$2.035M.

## PUBLIC

## Figure 1:

		Expensing of Deferred P
ECTS SUMMARY (Refer to attached for sum	mary document)	
Project	Pricing Seg.	To be Expensed
		( )
5754 - Widden Creek Loop (353km	Zone 2	2,034,796.74
Loop)	Zone z	2,034,790.74
		×
		X
		X
		¥.
		×.
		3
		10,295,583.66

## Source: Page 6. RCG Submission - Expensing of Deferred Projects (February 2014)

This overall figure of \$10.3M was broken further into Constrained and Unconstrained of which the Widden Creek Project was included in the Constrained.

## Figure 2:

Expensing of Deferred projects by Network

Network	Expensed \$	Expensed \$'000
Constrained (Zone 1 and Zone 2)	\$ 8,968,856	\$ 8.97
Unconstrained (Zone 3)	\$ 1,039,544	\$ 1.04
Zone 4	\$ 287,183	\$ 0.29
Total	\$ 10,295,584	\$ 10.30

Figure 3 which can be found page 19 of the 2013 Compliance Submission details the amount included for Expense Projects for the Constrained Network of \$8.97M which includes the \$2.035 million relating to the deferral of the Widden Creek Loop project and forms part of the overall Network costs of \$10.3M as per *Figure 2* above.

## Figure 3:

.

	ARTC Total	ARTC Total
	December 2012	December 2013
millions	Actuals	Actuals
GTKs	GTK	GTK
Export	22,256	24,126
Domestic	1,456	1,707
Total	23,712	25,834
Revenue		
Total Revenue	241.82	277.9
Operating Costs		
Infrastructure Costs		
Variable	27.15	28.7
Fixed	23.82	29.0
Shared Maintenance	18.27	15.9
Total Maintenance Costs	69.23	73.7
Expensed Project Costs	1.50	8.9
Total Infrastructure	70.73	82.7
Network Control	9.30	9.2
Corporate Overheads	12.31	10.7
Total Operating Cost	92.34	102.7
Depreciation	54.57	70.1
Net Loss on Disposal	1.74	4.4
Total Cost	148.65	177.3
Profit/Loss	93.17	100.5
Total ROA	97,99	120.1
Full Economic Costs	246.64	297.5
Revenue - Costs	-4.82	-19.6
Average Asset Base	1076.80	1320.5

Source: Page 19 2011 HVAU - Annual Compliance assessment 2013 (For publication)

In December 2018, Phase 3 (the Detailed Design) of the Widden Creek Loop Project was put up for reindorsement to ensure that the prospective volumes advised by Zone 2 Customers were met and to address the capacity constraints that were forecast at the time in Zone 2. The expensed projects in relation to the Widden Creek Loop in the 2021 Compliance Return relates to this Phase 3 of the project.

## (b)

Expenditure in relation to Phase 1 and Phase 2 of the Widden Creek Loop project for the amount of \$2.035M has never been capitalised onto the RAB. The total amount of \$2,034,796.74 was expensed and included in operating expenditure Infrastructure Costs in the 2013 Compliance Assessment.

For ARTC Internal Use Only	
Version	1.0
Internal Reference	1
Submitted on:	14.08.2023
Cleared by:	Monica Ell
Officer Responsible:	Allison Boardman

## **Request Number 2:**

## **Question 11:**

For expenditure on full track reconstruction, the increase in actual scope in 2021 is reported as 33.7% in the response to our question 2 of our information request 1, but 22% in Attachment 1, p 24. Also, it appears to be around 33% in Figure 24 in *HVAU 2021 Att 5.3.2 HV Track Recon Strategy* (from approximately 1950 to 2600m).

Could you please advise whether the percentage in Attachment 1 is incorrect, or if there is something else at play here?

## Advice:

ARTC have reviewed the information provided in the submission documents noted above regarding the Full Track Reconstruction activity and confirm that the information provided to the ACCC in response to Information Request 1, Question 2 was correct which is also consistent with *Figure 25* of the HVAU 2021 Att 5.3.2 HV Track Reconditioning and Upgrade Strategy.

In effect that means that the percentages for **SCOPE ONLY** provided in relation Track Reconditioning **for** this activity in the HVAU *Attachment 1 Hunter Valley Network Operating Costs* Submission were incorrect. The result is that an update is required to *page 24* and *page 25* with correct percentages in relation to year-on-year scope movement shown in red below.

2.3 Full Track Reconstruction

## <u>Page 24</u>

Relative to 2020, the overall expenditure for track reconditioning in 2021 increased by 35% (\$2.7m). This was due to an increase in overall scope of 33.7% year on year and by the extreme flooding events in March and November after years of a relatively stable track formation due to a prolonged drought. The postponement of closedowns due to the wet weather and COVID-19 created demobilisation and mobilisation costs as well additional costs associated with sourcing scarce resources during Local Government Area (LGA) shutdowns and expenditure caused by Government social distancing and isolation laws.

## <u>Page 25</u>

In Zone 2, the costs for track reconditioning increased by 149% (\$1.5m). This is directly in line with the 221.4% increase in scope compared to 2020. Track reconditioning costs per site in Zone 2 generally have higher costs than the other zones due to the difficult terrain, access issues and complexity of work. In 2021, additional costs were incurred at the Denman reconditioning site which included level crossing works and at Baerami where the track reconditioning project was substantially impacted by access issues resulting in triple handling of materials, additional rock hammering and the site required an alternate construction technique that utilises a rock mattress formation to manage ground water issues.

In Zone 3 costs decreased by 25% (\$0.9m) whilst the scope increased 11.7% from 2020 to 2021. The variance in costs is driven largely by the complexity of sites completed in 2020 where track reconditioning works included complex sites such as Boggabri Bridge. A notable complex site that was completed in 2021 which created substantial maintenance focus was the track reconditioning in the Ardglen Tunnel.

## PUBLIC

For ARTC Internal Use Only	
Version	1.0
Internal Reference	1
Submitted on:	17.08.2023
Cleared by:	Monica Ell
Officer Responsible:	Allison Boardman

## **Request Number 5:**

## **Question 15: 2021 Overhead Cost Allocation Model**

#### (a) Regarding the 2021 overhead cost allocation model:

- i. What is the difference between the 'Z1MCoal' and 'COAL100%' allocators? (the former is labelled as 'Pricing Zone 1 Coal (excluding Mains)', but it is unclear what this means)
- What is the Major Capital Projects allocation for? (there is a table for these allocations in the H2 tab but not in the H1 tab, even though it appears there are major projects in H1 as well?)

## Advice:

(a)

(i)

Z1Mcoal allocator applies to Port Waratah & Maitland Provisioning Centres only. These provisioning centres primarily look coal network track infrastructure however also maintain a small number of track segments for the "mains" (Interstate track/ traffic). The Z1MCoal allocator is calculated by deducting the % of GTK's traversing the main lines in Zone 1 as a % of total of GTK traffic.

## Z1Mcoal Allocator = (Total Zone 1 GTK – Mains GTK in Zone 1) / Total Zone 1 GTK

## (ii)

The Major Projects allocation includes overhead activities associated with expansion and other significant major projects, including all capacity related infrastructure projects in ARTC including design, property management and project management.

By 2021 the Major Projects team was disbanded in line with the corridor capacity strategy now no longer requiring significant expansion capital going forward. The final costs were incurred in H1 2021 with no costs subsequently incurred in H2 2021 and future years.

For ARTC Internal Use Only	
Version	1.0
Internal Reference	1
Submitted on:	26.09.2023
Cleared by:	Monica Ell
Officer Responsible:	Allison Boardman

## **Request Number 4:**

## **Question 13: Cloud Based Software**

Regarding the \$4.5m cloud-based software expenditure being re-classified as Business Unit Management costs in ARTC's submission, we have the following questions:

- (a) How were the software costs determined to be Business Unit Management costs (rather than, for example, Corporate Overheads)? What impact would classifying these costs as 'Corporate Overheads' have on their recovery from Hunter Valley access holders?
   (E.g. would it have impacted what portion of the \$4.5m is attributable to Hunter Valley access holders?)
- (b) What impact has classifying the software costs as operating expenditure, rather than corporate capital expenditure, had on how and when the costs are recovered from Hunter Valley access holders? (E.g. are the costs being recovered in one lump sum amount of \$4.5m in 2021, instead of \$X amount per year for X number of years)?
- (c) Was all of the \$4.5m incurred in 2021? Or has some of this expenditure been 'banked' from previous years and only been added/put forward for recovery from users in 2021? (i.e. was some of the \$4.5m incurred in earlier years?)
  - a. Is there likely to be any reclassification of expenditure previously allocated as corporate capital expenditure in future years? Or should all expenditure for such cloud-based software be accounted for now, with future expenditure being allocated in accordance with the 'classification decision tree'?
- (d) ARTC noted in its submission that 'The decision tree ultimately evaluated whether ARTC has control of the software, whether the projects included an upgraded functionality a future economic benefit for ARTC will occur. The evaluation process often resulted in different components of the same project eventuating in a combination of both operating expenditure and capital classification.' Can ARTC provide any further details/examples of how this decision tree classification process works? (E.g. where ARTC has control of the software, would this typically be capex/opex?; where the project involves future economic benefit, would this typically be capex/opex?; what are examples of projects that are a combination of capex and opex?, etc.)

## Advice:

(a)

How were the software costs determined to be Business Unit Management costs (rather than, for example, Corporate Overheads)? What impact would classifying these costs as 'Corporate Overheads' have on their recovery from Hunter Valley access holders? (E.g. would it have impacted what portion of the \$4.5m is attributable to Hunter Valley access holders?)

The software costs were incurred and commissioned by the Engineering Team in the Hunter Valley Business Unit and were therefore allocated as a Direct "H" cost to the HV in Business Unit Management (BUM) Costs in the Overhead Model.

BUM spend by the HV business unit is predominantly (nearly 100%) attributable to the HV Network and therefore allocated as such under step 1 of schedule I.

If in this specific case the engineering software costs were classed as OH rather than BUM, it will **also** be directly allocated to the HV in accordance Schedule I Step 1 as the HVAU specifies that where costs are identifiable to a specific corridor, those costs are directly attributed to that corridor. In summary, it is not whether a cost is categorized as BUM or OH which drives whether it is allocated directly as per step 1 or goes through further allocation in schedule I, it is the nature of the cost itself that determines the treatment.

PUBLIC

The Step 2 allocator looks at the Cost Category of the Spend as contained in Schedule I of the HVAU (regardless of whether it is BUM or OH). In this case, as the costs are considered Engineering Services and the allocator is GTK, the treatment is the same under both BUM and OH classification's.

Cost category	Allocation method
Executive	Direct Stay-in-Business Costs
Finance	Direct Stay-in-Business Costs
Strategy & corporate development	Train kilometres
People	FTE
Insurance	Premium based
Safety accreditation	Track kilometres

5

ARTC Hunter Valley Coal Network Access Undertaking Version 8 136

Property	Track kilometres
Communications	Train kilometres
IT infrastructure and systems	FTE
Management of enterprise services	Direct Stay-in-Business Costs
Environment	Train kilometres
Engineering services	gtkm
Corporate safety	gtkm
Workplace health & safety	FTE
Risk	gtkm
Allowance for efficiency projects	Direct Stay-in-Business Costs

(b)

## What impact has classifying the software costs as operating expenditure, rather than corporate capital expenditure, had on how and when the costs are recovered from Hunter Valley access holders? (E.g. are the costs being recovered in one lump sum amount of \$4.5m in 2021, instead of \$X amount per year for X number of years)?

In the event that Software is determined to be controlled by ARTC and will provide future economic benefits, it is capitalised once deemed available for use and depreciated on a straight-line method over 3 years.

## (C)

## Was all of the \$4.5m incurred in 2021? Or has some of this expenditure been 'banked' from previous years and only been added/put forward for recovery from users in 2021? (i.e. was some of the \$4.5m incurred in earlier years?)

In the 2021 Compliance return, a portion of the expenses relating to cloud-based software had cash outflows that originated in prior years. These projects were originally planned for capitalisation, which resulted in the previous year's expenses being recorded as Work in Progress (WIP) until the software was deemed ready for use. This accounting treatment aligns with the guidelines specified in AASB 116. It's important to note that these expenses were never incorporated into the capital register or subjected to depreciation. Subsequently, upon the determination that these projects did not meet the criteria for capitalisation, they were reclassified from WIP to operational expenses in 2021.

# a. Is there likely to be any reclassification of expenditure previously allocated as corporate capital expenditure in future years? Or should all expenditure for such cloud-based software be accounted for now, with future expenditure being allocated in accordance with the 'classification decision tree'?

As of now, there have been no instances of reclassifying expenses previously allocated to <u>corporate</u> <u>capital expenditure</u>. Expenditures associated with cloud-based software in the 2021 Compliance Submission that were not yet ready for use were directly recorded in Work in Progress (WIP) at the time they were incurred and were not treated as capital expenditures. Once it was established that ARTC did not have control over these assets, the expenses were recognized and treated as operating costs.

Presently, all cloud-based software is accounted for in strict adherence to the classification framework at the time of project development and authorisation and undergoes annual audits conducted by our independent external auditors.

## (d)

ARTC noted in its submission that 'The decision tree ultimately evaluated whether ARTC has control of the software, whether the projects included an upgraded functionality a future economic benefit for ARTC will occur. The evaluation process often resulted in different components of the same project eventuating in a combination of both operating expenditure and capital classification.' Can ARTC provide any further details/examples of how this decision tree classification process works? (E.g. where ARTC has control of the software, would this typically be capex/opex?; where the project involves future economic benefit, would this typically be capex/opex?; what are examples of projects that are a combination of capex and opex?, etc.)

External independent advice from a Big 4 Accounting Firm was sought to develop and implement the decision tree matrix that ARTC has used to determine the accounting treatment for the cloud-based software.

Under Australian accounting standards, IT expenditure may be capitalised under either AASB 116 *Property, Plant and Equipment, AASB 16 Leases or AASB 138 Intangible Assets.* In all cases, in order to capitalise costs, the definition of an asset as defined in 4.2 of the Conceptual Framework for Financial Reporting needs to be met 'an asset is a **present economic resource controlled** by the entity as a result of past events.

In order for cloud-based software to be classified as Capital, it needs to both satisfy that:

- Future Economic Benefits will be realised.
- ARTC controls the Asset.

The documentation and decision tree provided with the Submission is a great source of information to see the process steps of the decision tree and breaks the decision down into further components. We have reattached **the Excel version** of the decision tree for your reference.

However, stepping through the process, the first determination is to determine what the nature of the computing solution is:



Once the nature of the computing solution is determined the project is evaluated further either Decision Tree 2 or Decision Tree 3 based on whether the Asset is Service Based (SaaS, PaaS or IaaS) or an On-premise system (on physical server) & Software.



ARTC have developed this Decision Tree into an Excel Workflow which is used to determine whether the project is Controlled by ARTC and whether there are future economic benefits.

в	c	
	ISP	\$ DPEX Expense Profile
Stream/phase E	lecision Support Platform	CAPEX OPEX CAL21 I:AL21 H CAL22:AL22 H Future
roject Cost / Forecast		
	lentley	
	Sustomise Bentley for DSP	
	'endor	
	'endor	
	xternally Hosted	
	lo .	
	lo IA	
	la Ia	
	IA IA	
What is the term of the contract	IA.	
Accounting Classification - Decision Tree		
1. Determine kind of Component in computing solution		
SaaS	Yes	
PaaS	No	
Software on IaaS	No	
Software on ARTC Cloud	No	
On Premises Systems & Software	No	
2. Is it either new software or a customisation/configuration of existing software "that creates ne		Excludes expanded implementation of existing software functionality across to other areas of the business.
Comment in this cell - substantiation of new functionality	New Software	No = Expense New operational functionality / capability that didn't previously exist anywhere within ARTC.
non-pyhsical substance, where ARTC has control of the software as a result of past payment and benefits from the functionality of the software for more than 12 months).		
For SaaS, PaaS, Software on laaS, and Software on ARTC Cloud:		
a. Can we take possession of the software at any time? and	No	No = Expense Legal right to take possession without any significant penalties (financial and non-financial). Escrow assists with satisfying this question.
b. Feasible to run the software on our own hardware or choose where to host? and	Yes	No = Expense Escrow assists with satisfying this question.
c. Do we have exclusive rights to use the software "or" ownership of the IP? (one or the other software "or" ownership of the IP?	Yes	No + Expense Sole right to use the granted instance of software. Escrow can influence, however escrow agreements are varied.
d. Do we have any ability to control use of the software?	No	No = Espense Control of our use - can not be switched off on us.
For On Premises Systems & Software (intergration/middleware and configuration costs):		Assumes that no investment is being made in "new" on premises systems and software. Dely modifications to existing, and integration with cloud based software via middleware
a. Modification has been made to ARTC's on premises systems & software; and	NA	No = Espense
b. The new code that creates the additional functionality sits behind the entity's firewall; and	NA	No = Expense
c. For integration software / middleware components - the cloud-based provider does not ob	NA	No + Expense
4. If Question 2 & 3 meet the criteria for recognition as an Asset - Determine any costs that are u	hable to form part of the asset.	
Research	No	Yes = Expense this portion
Development	Yes	
Operation	No	Yes = Expense this portion
5. For Customisation & Configuration of SaaS where no separate asset has been identified - Dete	rmine any costs that are able to be recognise	d as a Prepayment.
Vork is conducted by Third Parties (external to the Saas Provider)	No	Yes = Expense (distinct from SaaS access)
Vork is conducted by ARTC Employees / Inhouse Contractors	No	Yes = Expense (distinct from SaaS access)
Vork is conducted by SaaS provider (or agent) - is the customisation/configuration distinct fro		Yes = Expense (distinct from SaaS access)
a. Can ARTC benefit from the SaaS on its own or together with other readily available resou		
Can the SaaS solution be used and benefited by ARTC without the sustomisation and s	No	Yes = Expense (distinct from SaaS access)
Do the works require a highly specialised or complex skill set that neither ARTC nor thi	Yes	No « Expense (distinct from SaaS access)
b. Can the promise of the SaaS solution and customisation/configuration activities be sepa	rately identified within the contract?	- · · ·
Are the services provided by a party other than the SaaS provider on a standalone basi	No	Yes = Expense (distinct from SaaS access)
Do the works significantly alter any features, service offers or functionality of the Saa	Yes	No + Expense (distinct from SaaS access)

We have attached the Excel Sheet used for the determination of the treatment of the DSP as an example.

In relation to the information detailed from the 2021 submission "*The evaluation process often resulted in different components of the same project eventuating in a combination of both operating expenditure and capital classification*" this was referring to the different phases of the project when a capital asset is determined.



For ARTC Internal Use Only	
Version	1.0
Internal Reference	1
Submitted on:	28.09.2023
Cleared by:	Monica Ell
Officer Responsible:	Allison Boardman

Project	DSP	
Stream/phase	Decision Support Platform	
Project Cost / Forecast		
Name of Software involved	Bentley	
Work being undertaken	Customise Bentley for DSP	
Is it Vendor or ARTC owned?	Vendor	
Who owns the software/coding	Vendor	
Externally cloud hosted	Externally Hosted	
Ability to move cloud hosting	No	
Right to access coding	No	
Significant customisation	NA	
Is the customisation integral to the software access contract	NA	
What is the term of the contract	NA	
Accounting Classification - Decision Tree		
1. Determine kind of Component in computing solution		
SaaS	Yes	
PaaS	No	
Software on IaaS	No	
Software on ARTC Cloud	No	
On Premises Systems & Software	No	
2. Is it either new software or a customisation/configuration of existing software "that creates new functionality"?		
Comment in this cell - substantiation of new functionality	New Software	No = Exp
Details on new functionality:		

3. Does it meet all of the following criteria to be recognised as an Intangible Asset (asset of non-pyhsical substance, where ARTC has control		
of the software as a result of past payment and benefits from the functionality of the software for more than 12 months).		
For SaaS. PaaS. Software on IaaS. and Software on ARTC Cloud:		
a. Can we take possession of the software at any time? and	No	No = Expense Legal ri
b. Feasible to run the software on our own bardware or choose where to host? and	Yes	No = Expense Escrow
c. Do we have exclusive rights to use the software "or" ownership of the IP? (one or the other) and	Yes	No = Expense Sole rig
d. Do we have any ability to control use of the software?	No	No = Expense Control
For On Premises Systems & Software (intergration/middleware and configuration costs):		Assume
a. Modification has been made to ARTC's on premises systems & software; and	NA	No = Expense
b. The new code that creates the additional functionality sits behind the entity's firewall; and	NA	No = Expense
c. For integration software / middleware components - the cloud-based provider does not obtain IP rights over these components	NA NA	No = Expense
4. If Question 2 & 3 meet the criteria for recognition as an Asset - Determine any costs that are unable to form part of the asset.		
Research	No	Yes = Expense this portion
Development	Yes	
Operation	No	Yes = Expense this portion
5. For Customisation & Configuration of SaaS where no separate asset has been identified - Determine any costs that are able to be recognised	d as a Prepayment.	
Work is conducted by Third Parties (external to the Saas Provider)	No	Yes = Expense (distinct from SaaS access)
Work is conducted by ARTC Employees / Inhouse Contractors	No	Yes = Expense (distinct from SaaS access)
Work is conducted by SaaS provider (or agent) - is the customisation/configuration distinct from the SaaS access:		Yes = Expense (distinct from SaaS access)
a. Can ARTC benefit from the SaaS on its own or together with other readily available resources?		
Can the SaaS solution be used and benefited by ARTC without the customisation and configuration	No	Yes = Expense (distinct from SaaS access)
Do the works require a highly specialised or complex skill set that neither ARTC nor third party pos		No = Expense (distinct from SaaS access)
b. Can the promise of the SaaS solution and customisation/configuration activities be separately identified within		
Are the services provided by a party other than the SaaS provider on a standalone basis?	No	Yes = Expense (distinct from SaaS access)
Do the works significantly alter any features, service offers or functionality of the SaaS solution?	Yes	No = Expense (distinct from SaaS access)
be the works symmetry after any reatures, service offers of functionality of the sads solution:	les	no - capenae (assunct it offi 3883 800855)

Excludes expanded implementation of existing software functionality across to other areas of the business. New operational functionality / capability that didn't previously exist anywhere within ARTC.

Legal right to take possession without any significant penalties (financial and non-financial). Escrow assists with satisfying this question. Escrow assists with satisfying this question. Sole right to use the granted instance of software. Escrow can influence, however escrow agreements are varied. Control of our use - can not be switched off on us.

Assumes that no investment is being made in "new" on premises systems and software. Only modifications to existing, and integration with cloud based software via middleware.

## **Request Number 5:**

## **Question 15: 2021 Overhead Cost Allocation Model**

#### (a) Regarding the 2021 overhead cost allocation model:

- i. What is the difference between the 'Z1MCoal' and 'COAL100%' allocators? (the former is labelled as 'Pricing Zone 1 Coal (excluding Mains)', but it is unclear what this means)
- What is the Major Capital Projects allocation for? (there is a table for these allocations in the H2 tab but not in the H1 tab, even though it appears there are major projects in H1 as well?)

## Advice:

(a)

(i)

Z1Mcoal allocator applies to Port Waratah & Maitland Provisioning Centres only. These provisioning centres primarily look coal network track infrastructure however also maintain a small number of track segments for the "mains" (Interstate track/ traffic). The Z1MCoal allocator is calculated by deducting the % of GTK's traversing the main lines in Zone 1 as a % of total of GTK traffic.

## Z1Mcoal Allocator = (Total Zone 1 GTK – Mains GTK in Zone 1) / Total Zone 1 GTK

## (ii)

The Major Projects allocation includes overhead activities associated with expansion and other significant major projects, including all capacity related infrastructure projects in ARTC including design, property management and project management.

By 2021 the Major Projects team was disbanded in line with the corridor capacity strategy now no longer requiring significant expansion capital going forward. The final costs were incurred in H1 2021 with no costs subsequently incurred in H2 2021 and future years.

For ARTC Internal Use Only	
Version	1.0
Internal Reference	1
Submitted on:	26.09.2023
Cleared by:	Monica Ell
Officer Responsible:	Allison Boardman

## **Request Number 5:**

## **Question 16:**

Is full track reconstruction the only maintenance activity where works of 200 metres or more are considered capex? Or does this also apply to other maintenance activities?

## Advice:

Yes.

ARTC confirm that the full track reconstruction activity is the only maintenance activity where works of 200 metres or more in length are treated as capital track upgrades and are included in the annual Sustaining Capital Program.

For ARTC Internal Use Only	
Version	1.0
Internal Reference	1
Submitted on:	26.09.2023
Cleared by:	Monica Ell
Officer Responsible:	Allison Boardman

## **Request Number 5:**

## Question 17:

Is turnout resurfacing just maintenance resurfacing that applies to turnouts only?

## Advice:

Yes.

The turnout resurfacing (tamping) activity restores the geometric parameters of top, line, superelevation and curvature by mechanised on-track machinery to the "designed" condition of the track. It is the same as the maintenance resurfacing activity, with the key difference being the resurfacing of turnouts rather than straight sections of the track.

Turnout resurfacing work is carried out under the same contract as the maintenance resurfacing activity, however different machines are used to carry out each activity.

For ARTC Internal Use Only	
Version	1.0
Internal Reference	1
Submitted on:	26.09.2023
Cleared by:	Monica Ell
Officer Responsible:	Allison Boardman