

SOUTH CONVEYOR  
REFER TO AREA CA

**CCC GROUP, INC.**  
**ENGINEERING & DESIGN DIVISION**  
AN EMPLOYEE OWNED COMPANY

# Rotating Diverter Chute System

*Patent Pending*

**DEDICATED TO DUST CONTROL &  
MATERIAL TRANSFER TECHNOLOGIES**

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SCV-1 CONVEYOR  
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# Typical Flop Gate



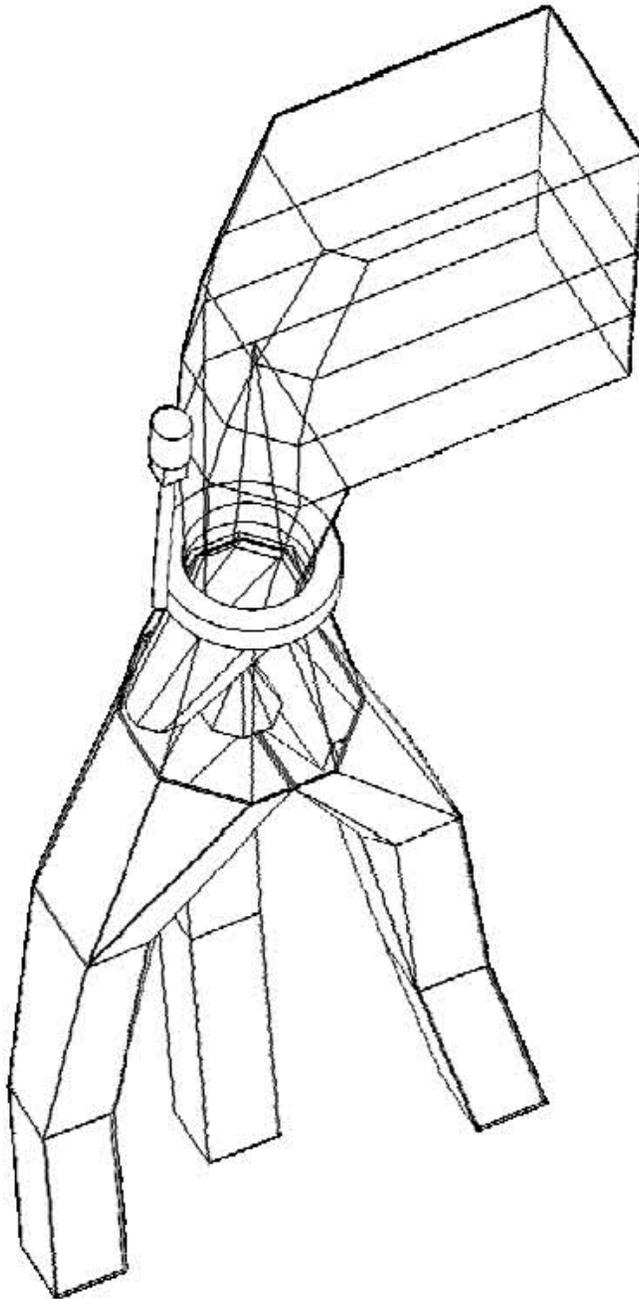
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# Modern Bucket Gate

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# Rotating Diverter Concept

*Patent Pending*

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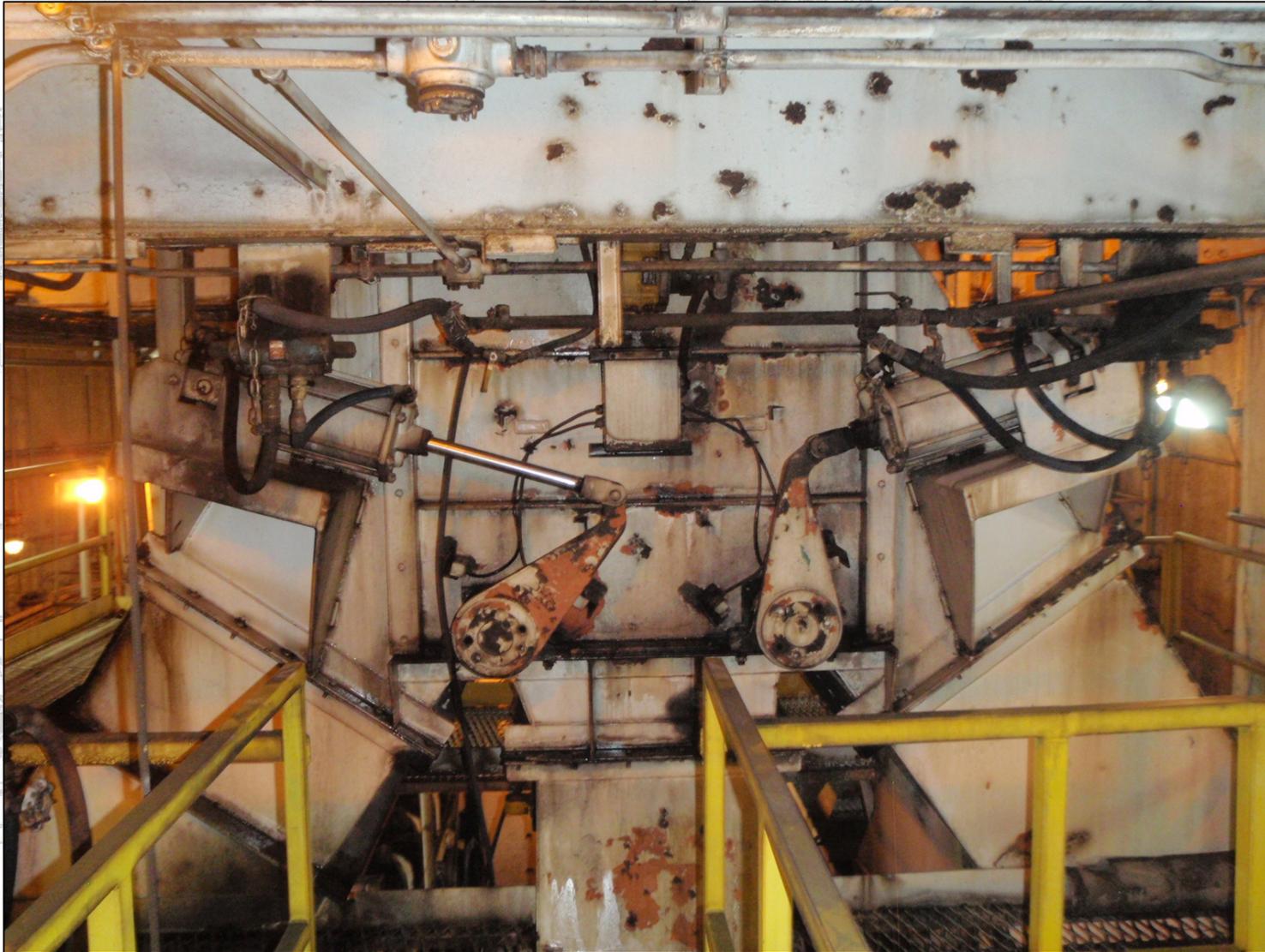
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# Diverter Comparison

|                              | <b>100% to<br/>Conveyor 1,<br/>Conveyor 2,<br/>or Silo</b> | <b>50%-50%<br/>Split between<br/>Conveyor 1 &amp;<br/>Silo</b> | <b>50%-50%<br/>Split between<br/>Conveyor 2 &amp;<br/>Silo</b> | <b>50%-50%<br/>Split between<br/>Conveyor 1 &amp;<br/>Conveyor 2</b> |
|------------------------------|--|--|--|--|
| <b>Rotating<br/>Diverter</b> | <b>YES</b>   | <b>YES</b>   | <b>YES</b>   | <b>YES</b>   |
| <b>Diverter Gate</b>         | <b>YES</b>   | <b>NO</b>  | <b>NO</b>  | <b>NO</b>  |
| <b>Bucket Chute</b>          | <b>YES</b>   | <b>YES</b>   | <b>YES</b>   | <b>NO</b>  |

# Existing Flop Gates



# Existing Flop Gate Model

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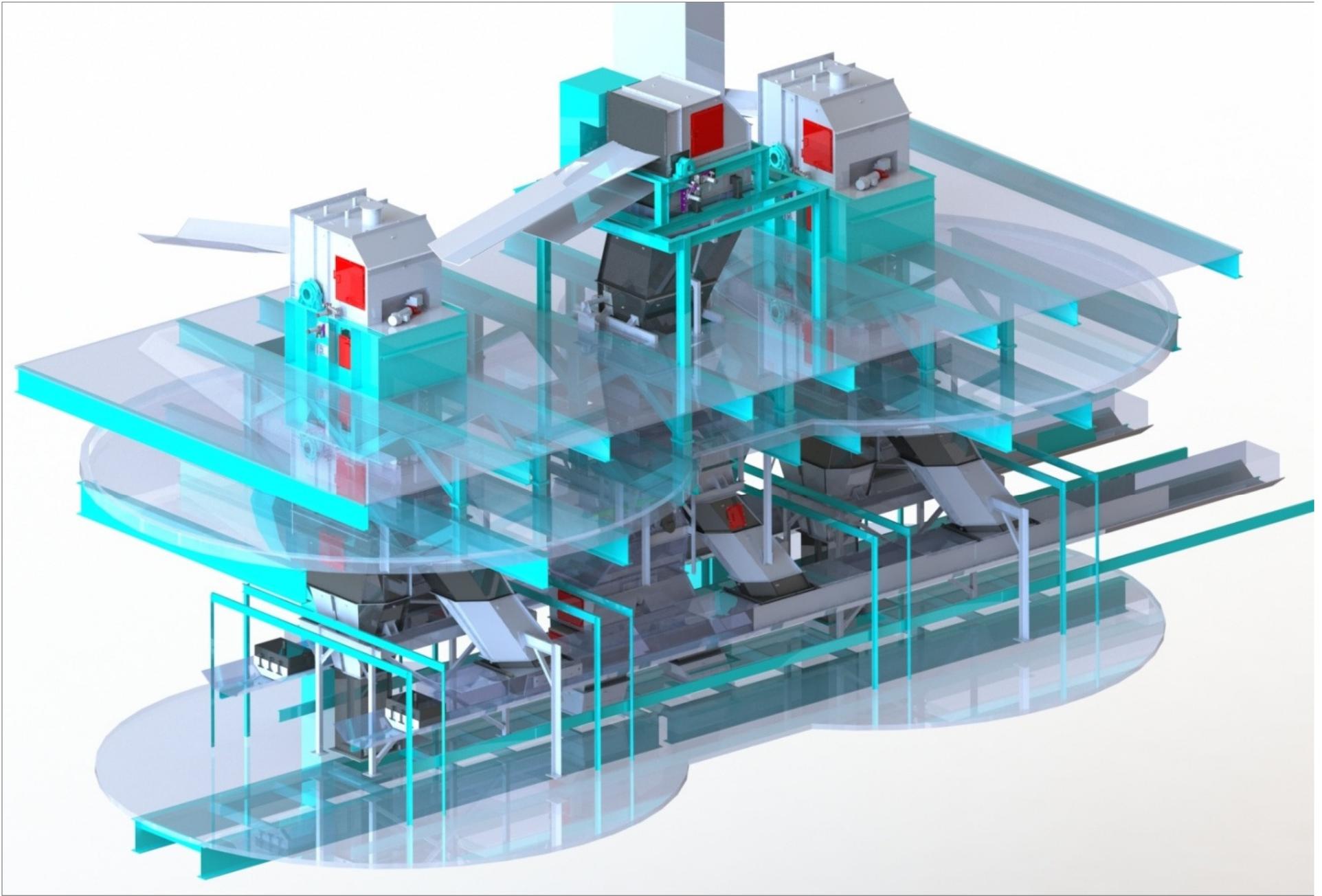


# Rotating Diverter Chute System



**On Top of Coal Silos**

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# At the Shop – Ready to Ship...



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# On the Road...



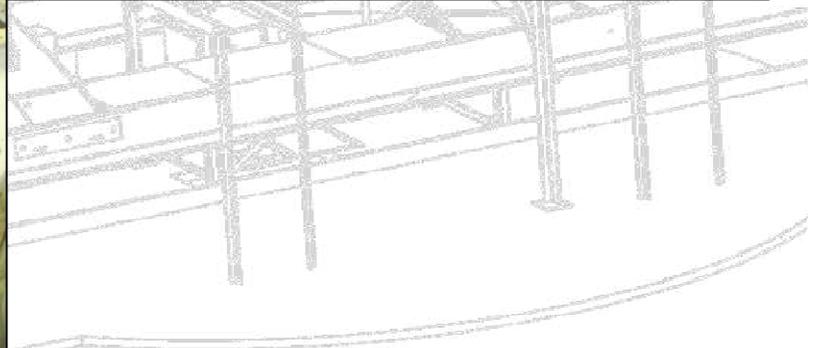
# Arrived on Site – Ready to Go...



SOUTH CONVEYOR

REF:

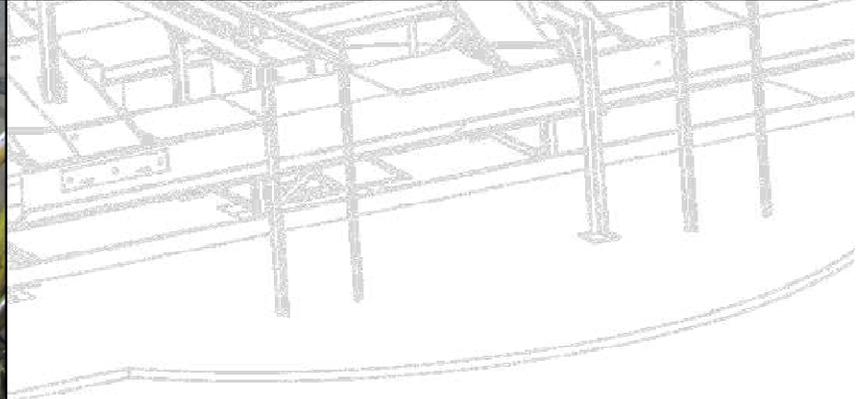
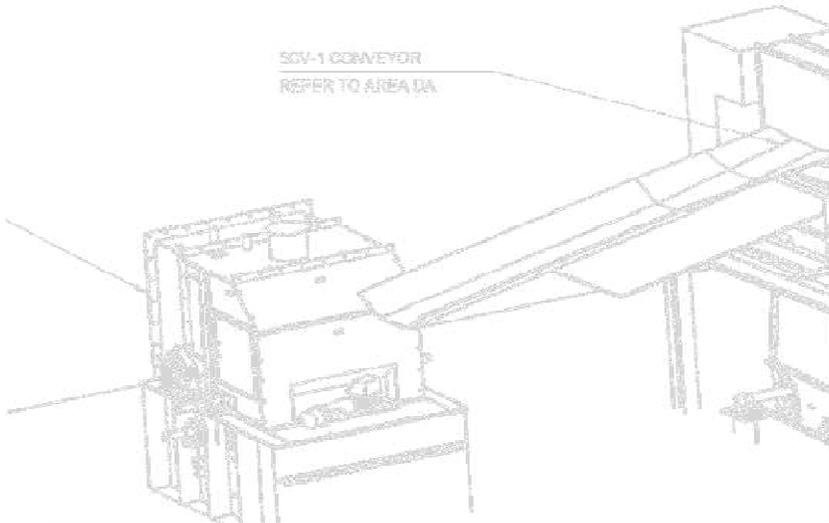
SCV-1 CONVEYOR  
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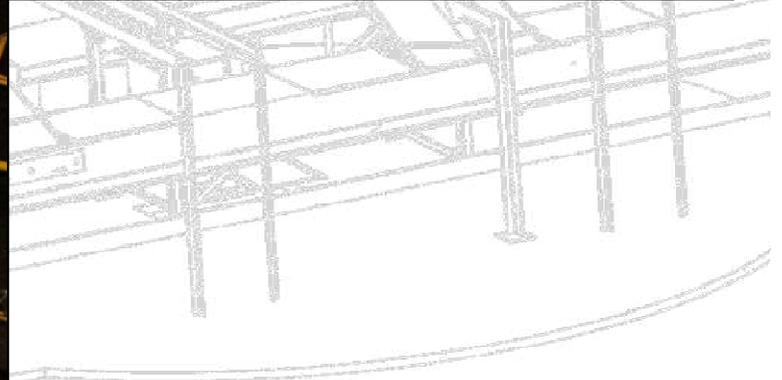
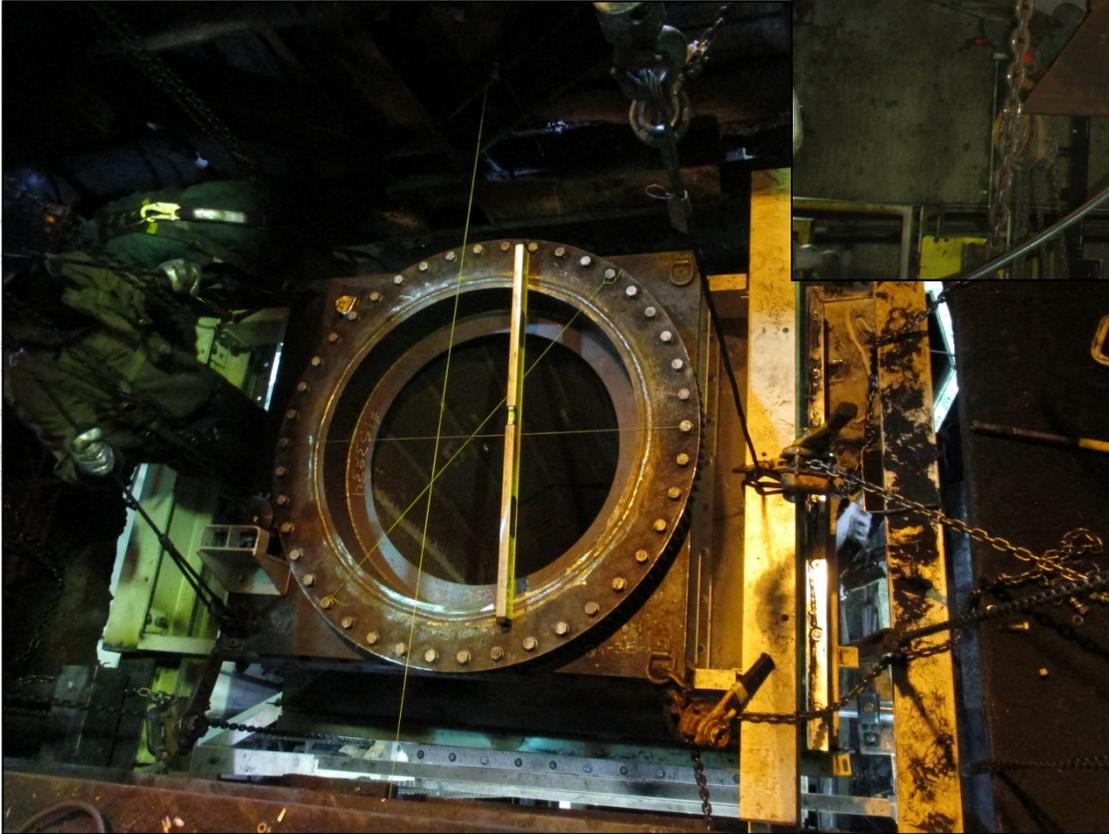
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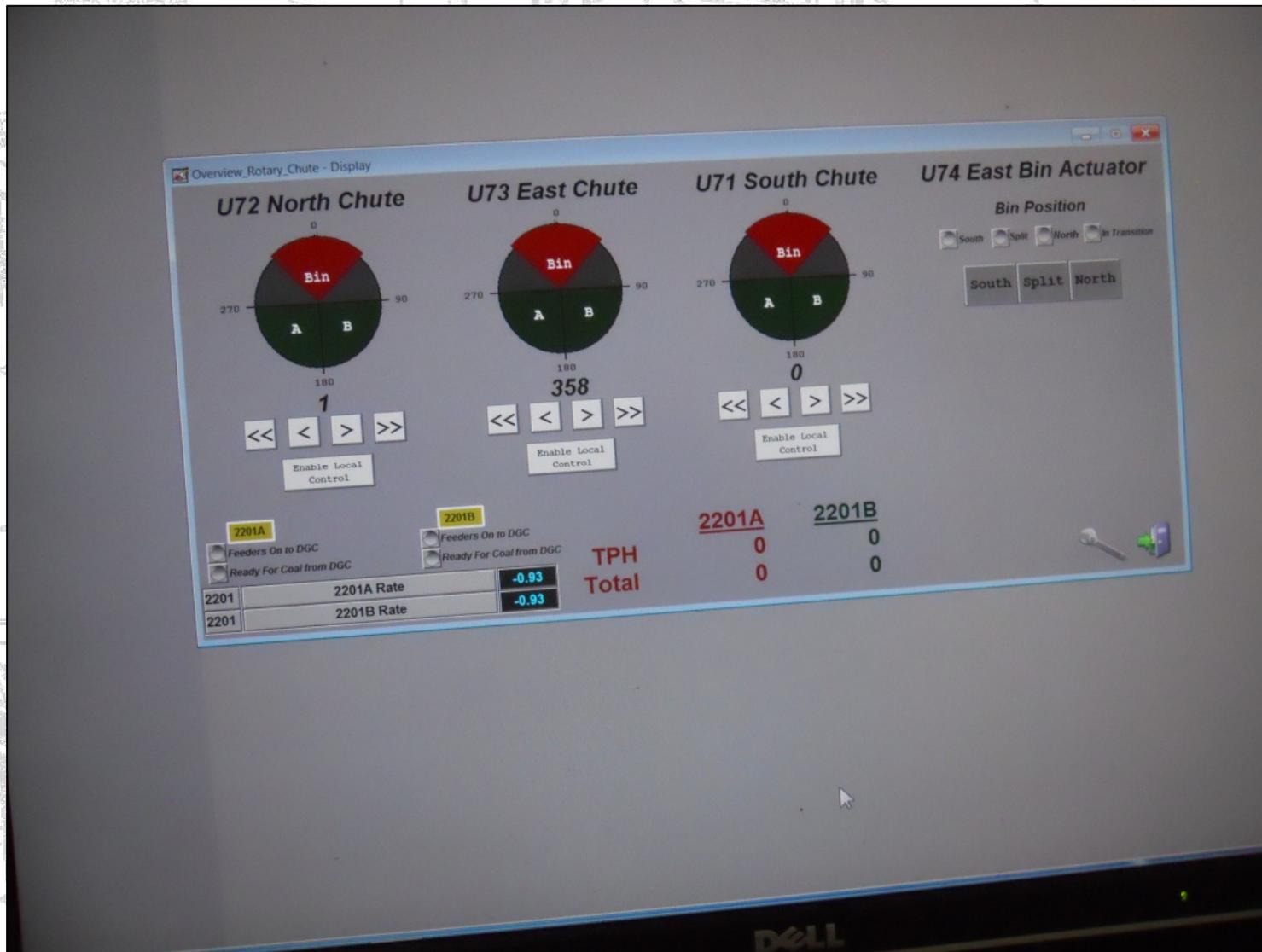
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# PLC Interface



# All Done - Ready to Go Home...





# Questions & Answers

**Thank You for Attending the  
2014  
SME Annual Meeting & Exhibit**