

Building Information Modelling (BIM):

Modernising Digital Delivery for the Power Sector ...



1

BIM - What is it?



2

BIM - What it is not



A Product...



A File Format...



Or a Vendor.



3

Where is it applicable?



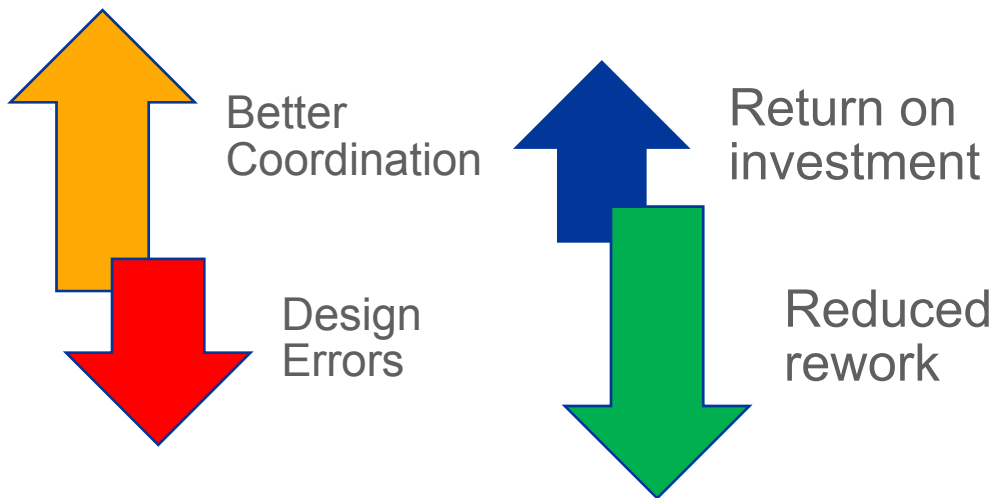
4

But also for...



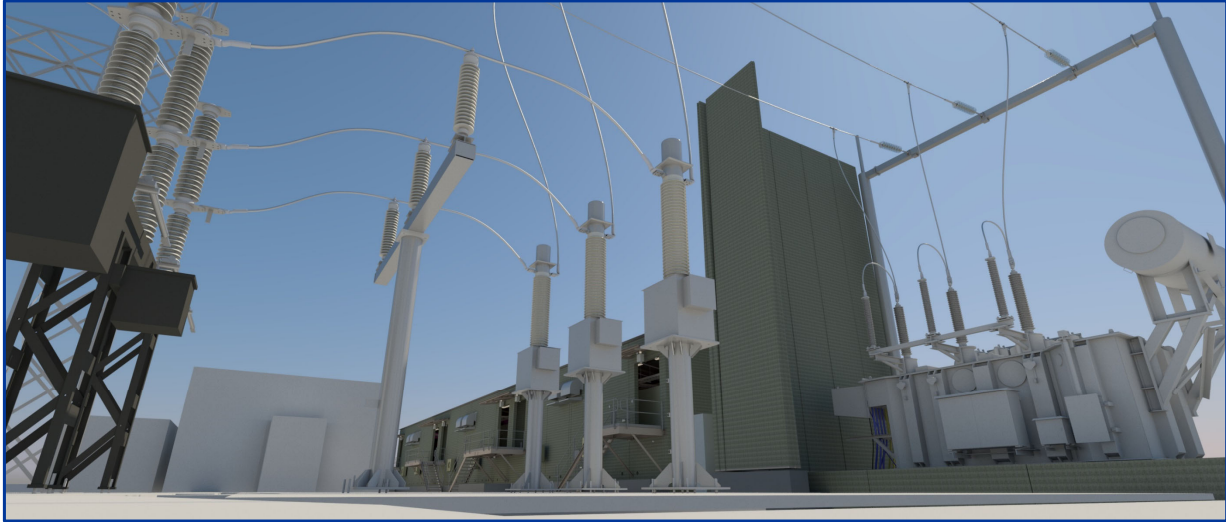
5

So what's the big deal?



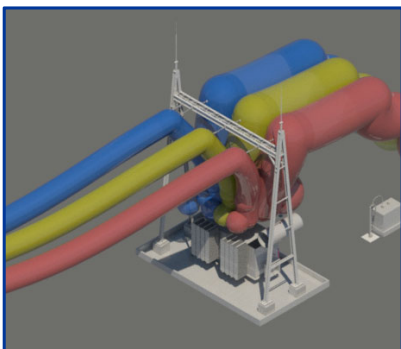
6

Design Co-ordination



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Automated Design Checks & Automated Design



Pass/Fail	Show	Separation Distance	Required Separation	Voltage	Part 1 Name	Part 2 Name	Comment
<input checked="" type="checkbox"/>	Show	90.12	21	69.0 kV	BusRun131022023074882019:1	BusRun131026999769597936:1	
<input checked="" type="checkbox"/>	Show	211.26	21	69.0 kV	SEFCOR WFTT-6464:1	BusRun131027000858972995:1	
<input checked="" type="checkbox"/>	Show	211.51	21	69.0 kV	BusRun131022024408115680:1	BusRun131027000858972995:1	
<input checked="" type="checkbox"/>	Show	72.6	21	69.0 kV	BusRun131022021644394335:1	SPSW16120-TURNER:1	
<input checked="" type="checkbox"/>	Show	204	21	69.0 kV	SPSW16120-TURNER:3	SPSW16120-TURNER:1	
<input checked="" type="checkbox"/>	Show	207.79	21	69.0 kV	SEFCOR WFTC-64-4B:1	SPSW16120-TURNER:1	
<input checked="" type="checkbox"/>	Show	113.35	21	69.0 kV	SEFCOR WFTC-64-4B:4	BusRun131026999769597936:1	
<input checked="" type="checkbox"/>	Show	204.36	21	69.0 kV	SEFCOR AL-1152-4B-EVH:4	SPSW16120-TURNER:1	
<input checked="" type="checkbox"/>	Show	203.72	21	69.0 kV	SEFCOR AA-1467:1	SEFCOR AL-1152-4B-EVH:10	
<input checked="" type="checkbox"/>	Show	212.34	21	69.0 kV	SEFCOR AL-1152-4B-EVH:3	SPSW16120-TURNER:1	
<input checked="" type="checkbox"/>	Show	202.68	21	69.0 kV	BareCable131315524053471257:1	SEFCOR AL-1152-4B-EVH:10	

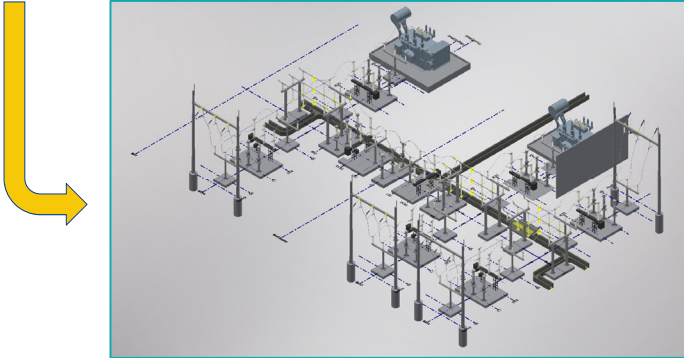
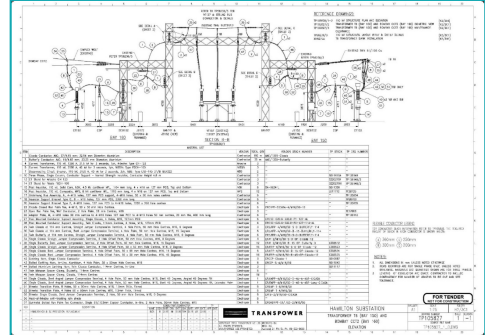


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3D Modelling: Drawing/BOM Production

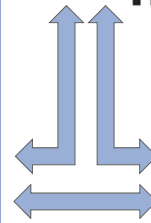
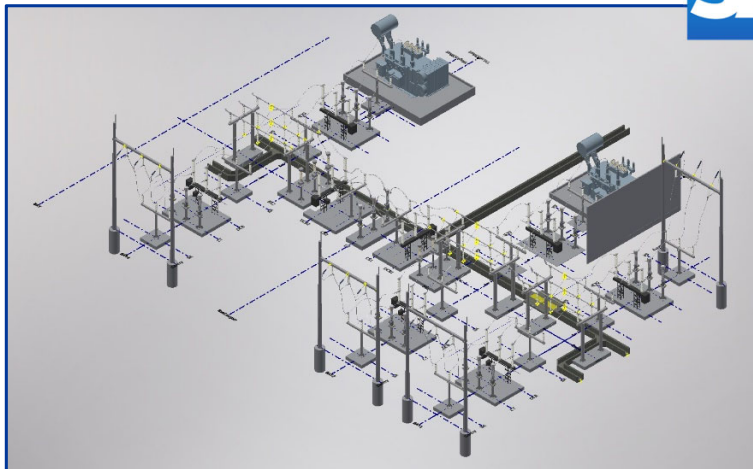
CT - Current Transformer

Name	Description	State	Part Number	Stock Number
Folder				
Subcomponents				
Verification				
File				
110_CT_ABB_IMB123_1250A_2...	Current Transformer, 110 kV, 1250 ...	Approved	110_CT_ABB_IMB123_1250A_25kA3...	13Q1815439-...
110_CT_ABB_IMB123_1250A_2...	Current Transformer, 110 kV, 1250 ...	Approved	110_CT_ABB_IMB123_1250A_25kA3...	13Q2063004-40
110_CT_ABB_IMB123_2500A_2...	Current Transformer, 110 kV, 2500 ...	Approved	110_CT_ABB_IMB123_2500A_25kA3...	13Q1815439-...
110_CT_ABB_IMB123_2500A_2...	Current Transformer, 110 kV, 2500 ...	Approved	110_CT_ABB_IMB123_2500A_25kA3...	13Q1815439-...
110_CT_ABB_IMB123_2500A_2...	Current Transformer, 110 kV, 2500 ...	Approved	110_CT_ABB_IMB123_2500A_25kA3...	13Q1815439-40



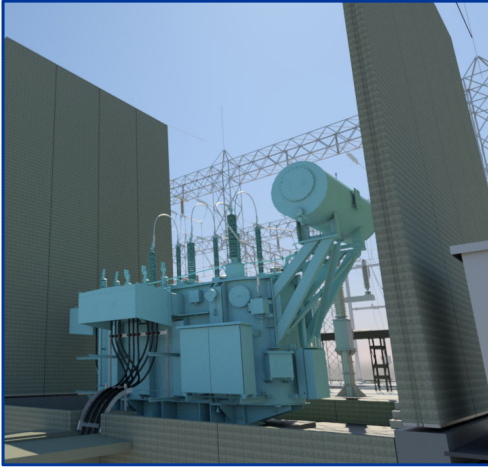
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Asset Management



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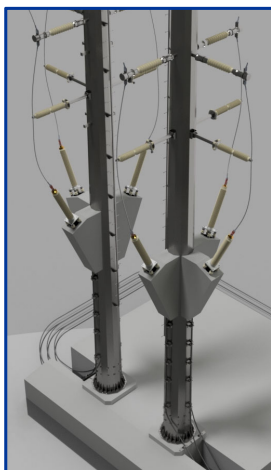
Visualisations & Stakeholder Engagement



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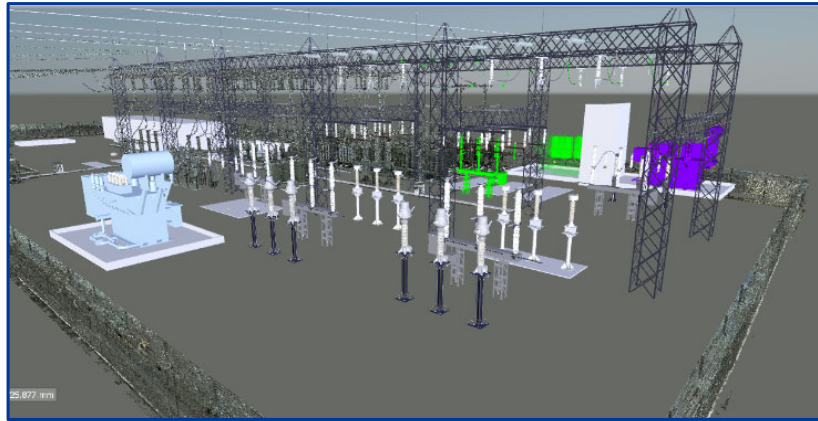
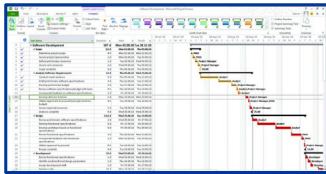
VR - “Rapid Prototyping” & Training



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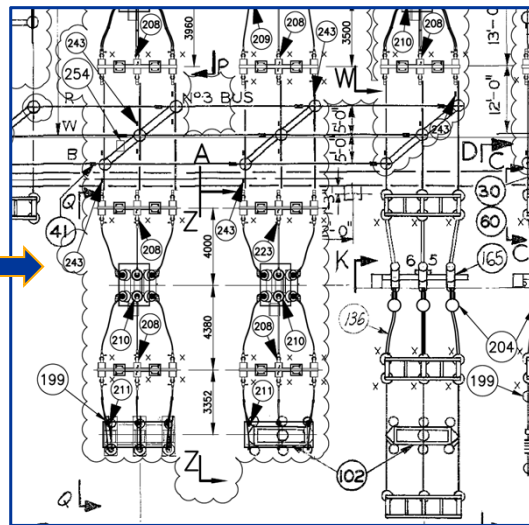
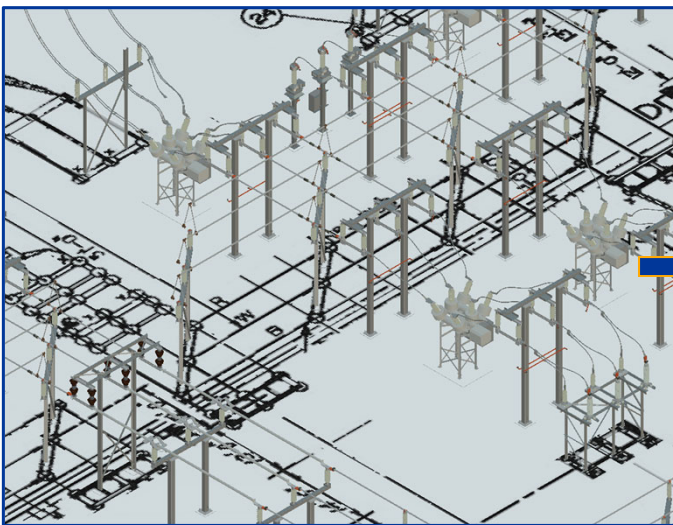
Construction Sequencing (4D)



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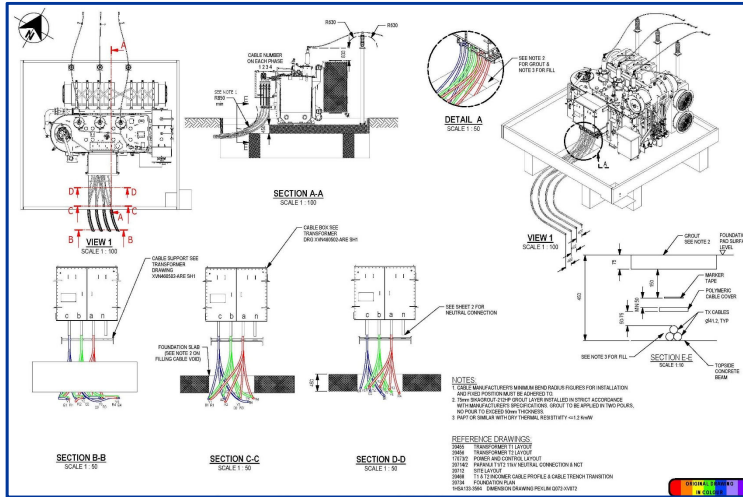
So, what's stopping us as an Industry?



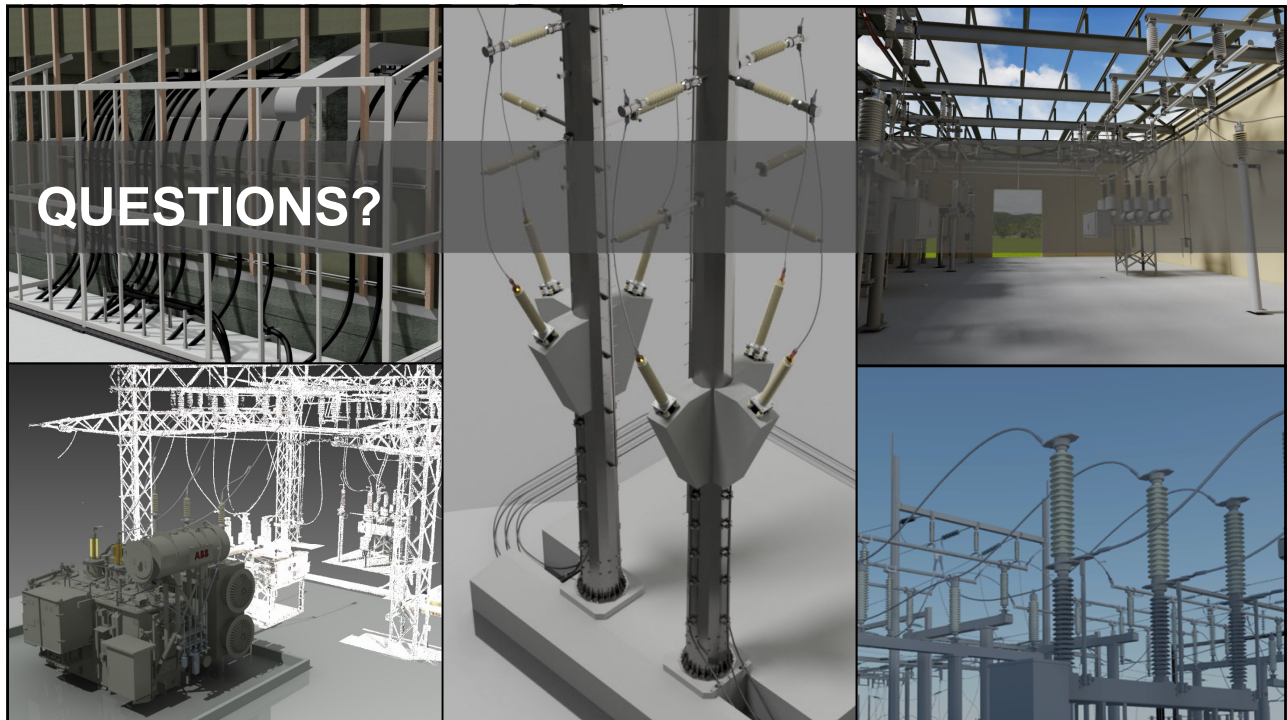
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So, what's stopping us as an Industry?



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