


CONNECTING DATA TO DECISIONS

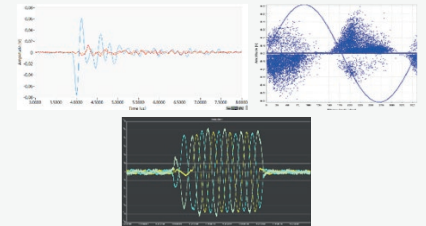
4 Step Process

1



Generate the Data

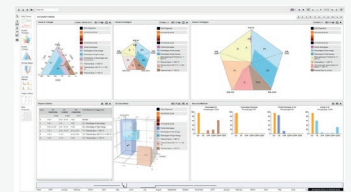
- Detect Anomalies, alarm triggered



2

Transform Data to Information

- Correlate the anomalies
- Determine possible failure mode



3

Apply Knowledge to Information

- Combine parameters into condition index to represent transform
- Confirm failure mode to trigger best offline test
- Determine prescriptive actions

Activity required	Asset ID	Substation	Condition Index	Comments
⚙️	TR27	SS1	4.58	Offline Capacitance Test on Bushing A to be planned within one month.
⚙️	TR12	SS2	4.25	Electrical Tests required (PO, Winding insulation and inductance)
⚙️	TR1	SS4	3.62	Oil regeneration and leakage repair
⚙️	TR23	SS1	3.59	Oil regeneration
⚙️	TR19	SS3	3.58	Oil regeneration
⚙️	TR4	SS2	3.51	Schedule IR camera for bad contacts
⚙️	TR4	SS5	3.51	Schedule Visual inspection for oil leakages
	TR24	SS1	3.4	
	TR21		2.91	
	TR15		2.44	
	TR16		2.43	
	TR16		2.37	
	TR20		2.3	
	TR17		2.26	
	TR11		2.08	
	TR6		2.04	
	TR9		1.79	
	TR9		1.63	

4

Apply Wisdom to Drive Decision Making

- Understand risk to operations
- Budgets, environmental issues
- Correlate with external parameters
- Alignment with maintenance planning

