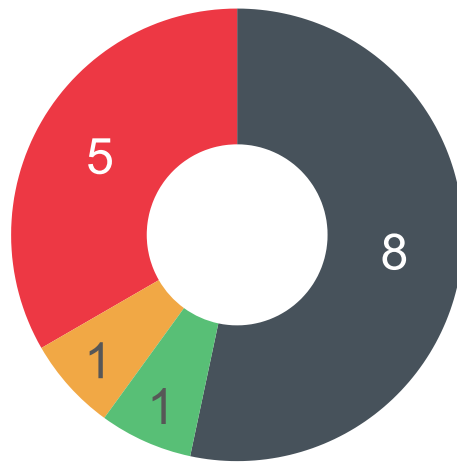




# Fleet Insight Report

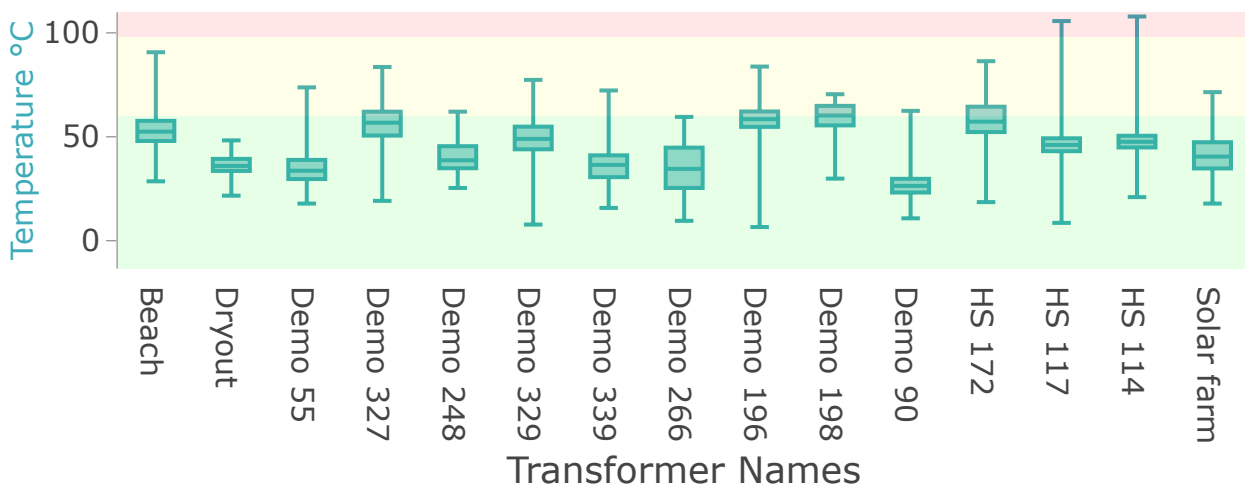
Demo Abdul

## Transformer Status Summary



- At Risk
- Concern
- Ok
- Critical

## Fleet Hotspot Temperature History



**INSIGHT SUMMARY**

Transformer	Insight		Val...	Condition Index		Date of event
HS 172	Extreme Levels of Acetylene (C2H2)	F	54 ppm	Dielectric	F	02-Sep-2020
Demo 55	Very Degraded Cellulose	E	167	Solid Insulation	E	13-Apr-2021
Demo 327	Very Degraded Cellulose	E	68	Solid Insulation	E	14-Sep-2022
Demo 248	Very Degraded Cellulose	E	150	Solid Insulation	F	22-Jun-2022
Demo 329	Very Degraded Cellulose	E	141	Solid Insulation	F	27-Jun-2022
Demo 329	Extremely High Water Content of Oil	E	42.8 ppm	Solid Insulation	F	19-Jun-2022
HS 117	Very Degraded Cellulose	E	174	Solid Insulation	F	03-Jul-2021
HS 114	Extremely High Water Content of Oil	E	40.2 ppm	Solid Insulation	F	24-Jan-2022
Beach	Very Degraded Cellulose	E	123	Solid Insulation	E	17-Jan-2022
Demo 327	Transformer at End of Life	E	0 ye...	Aging	F	14-Sep-2022
Demo 248	Transformer at End of Life	E	0 ye...	Aging	F	22-Jun-2022
Beach	Transformer at End of Life	E	0 ye...	Aging	F	17-Jan-2022
Beach	Very High Aging Rate	E	13.5	Aging	F	17-Jan-2022
HS 117	Extremely High Water Content of Oil	E	33.7 ppm	Operating	F	26-Jan-2022
Demo 196	Extremely Low Breakdown Voltage of Oil (BDV)	E	43 kV	Operating	E	30-Aug-2021
Beach	Extremely High Water Content of Oil	E	31.4 ppm	Operating	E	02-Feb-2022

**INSIGHT SUMMARY**

Transformer	Insight		Val...	Condition Index		Date of event
Demo 329	Very Poor Insulation Quality	<b>E</b>		Dielectric	<b>F</b>	17-Nov-2021
Beach	Extreme Levels of Acetylene (C2H2)	<b>E</b>	38 ppm	Dielectric	<b>F</b>	23-Jun-2020

Fleet Summary						
Name	Condition Index	Life left (YEARS)	Age (YEARS)	Median HSP TEMP (°C)	Median WCP (%)	Oil Test Analysis
Beach	F	0	45	49.6	1.1	HG
Dryout	B	50	48	30.5	0.5	N/A
Demo 55	E	0	44	36.6	1.6	NF
Demo 327	F	0	49	61.1	0.7	HG
Demo 248	F	0	50	47.1	1	FD
Demo 329	F	0	57	56.1	1.5	NF
Demo 339	D	46	52	27.9	1.2	FD
Demo 266	D	50	31	48.7	1.4	FD
Demo 196	E	50	37	67.4	1	HG
Demo 198	F	23	34	65.1	0.5	FD
Demo 90	D	50	46	23.6	2	NF
HS 172	F	50	47	66.5	0.5	FD
HS 117	F	0	59	45.3	0.9	N/A
HS 114	F	32	59	45.9	1.6	N/A
Solar farm	C	49	47	34.6	1.1	NF

## Oil Test Analysis Faults Glossary:

N/A: No oil test data found

NF: No faults detected

HG: High gas levels but no fault detected

FD: Fault detected