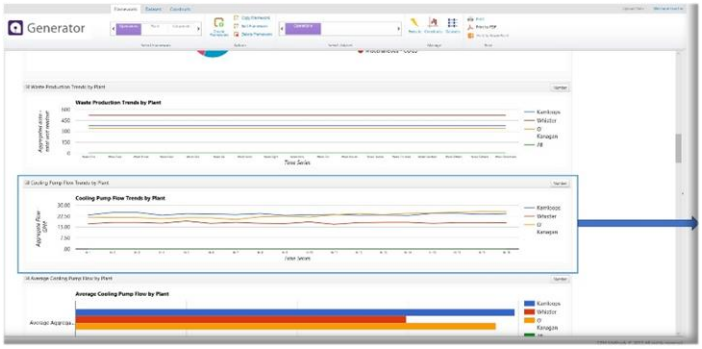
Paper Plant Prevents Costly Repairs and Downtime

Using the Agylytyx Generator's visual inspection of dashboard data and ease of drill down, a client was able to zero in on a threat from otherwise imperceptibly small trends, enabling remediation through predictive maintenance, preventing costly repairs and downtime.



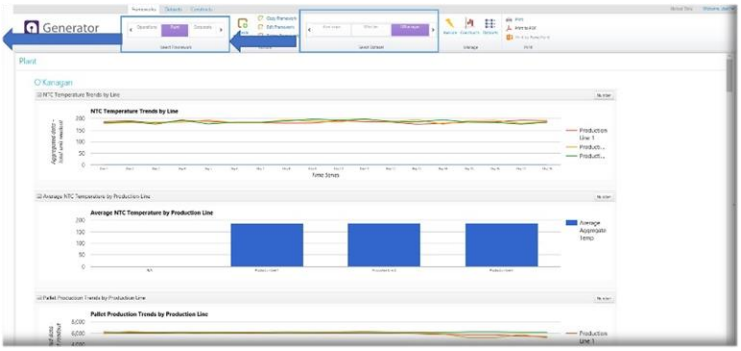
A paper plant operations executive noticed a disturbing trend in the dashboard they had assembled using the Agylytyx Generator. Scrolling through the dashboard, one chart caused particular concern.

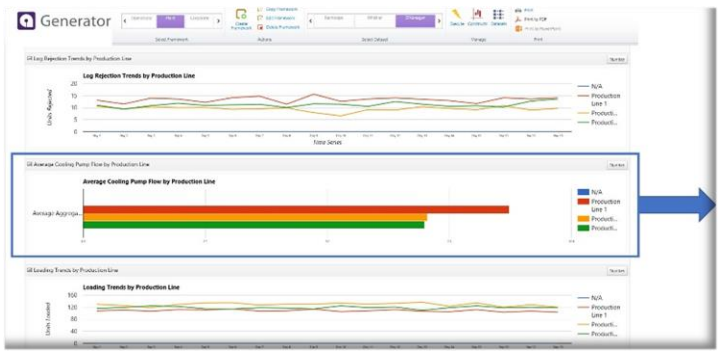
Visually inspecting the flow rates (measured in gallons per minute) on the cooling mechanism for the saw blades, one of the client's three plants (shown in yellow here) was starting to show signs of spiking.

This sensor reading indicated a potential problem in one of the saw mill lines at that plant. When a cooling pump showed a spike in gallons per minute flow rate at this client it usually meant that the cooling pump was having to work extra hard to cool the saw blade. In that case, the problem could have been with the blade itself or it could be with the cooling pump.

The operations executive decided to take a closer look in order to try to determine the root cause. This person accessed the dashboard for that plant.

Scrolling through the dashboard for the plant, the executive was relieved to find the production output for the three lines at that plant were unchanged, meaning the problem was unlikely to be in the saw blade itself.





As the executive continued to scroll through the dashboard for this plant, they came to a graphic depicting the average coolant pump pressures in the three production lines at this plant in the past day. The graphic showed the executive that the flow pressure spike was coming from the production line one at the plant.

The operations executive immediately contacted the foreperson on duty at this plant to ask that the cooling pump on the saw blade be inspected. The sensor readings were found to be accurate. The cooling pump was replaced before the saw was damaged, preventing a much costlier repair and preventing an extended outage for that production line, saving an estimated tens of thousands of dollars.