aggreko

Keep your world ON™
aggreko.com

Engineered business continuity plans for the pharmaceutical industry



Maintaining continuous operations is crucial in the pharmaceutical industry, particularly for facilities involved in critical research and production processes. Engineered business continuity plans (BCPs) are essential to ensure these operations remain uninterrupted, even during unexpected utility failures.

Ensuring business continuity in challenging times



Aggreko's key benefits

Expert engineering support:
In-house technical, process, and electrical engineers for comprehensive site assessments, custom solution design, and implementing tailored and reliable contingency plans.

Rapid mobilization:
Deployment and turn-key installation of temporary solutions within hours, guaranteeing timely restoration of critical utilities

.

Engineered documentation:
After scoping study on-site, our pharmaceutical customers will receive an engineered document of the contingency plan with thorough documentation of the utilities required, mobilization plans, and site layouts of the equipment installed within the facility.

Equipment capabilities:
Largest fleet size in the industry of temporary utilities to mirror pharmaceutical critical infrastructure and processes.

Industry know-how:
60+ years of installing temporary utilities within pharmaceutical and biotech environments.

Enhanced safety and reliability:
Our thorough interconnect studies and arc flash analyses ensure the safe and efficient operation of our temporary solutions.

Scalable, cost-effective solution:
Adjust tonnage and energy requirements based on demand, optimizing costs while ensuring appropriate resource allocation
and operational efficiency

.

Engineered business continuity plans (BCPs) for pharmaceutical companies

Aggreko's approach to preparedness involves developing engineered BCPs and contingency plans that are specifically tailored to critical utilities and processes in the pharmaceutical industry.

We design these plans to provide temporary utility solutions during interruptions, ensuring that essential operations can continue with minimal downtime.

Our engineers conduct thorough interconnect studies to implement necessary mechanical and electrical upgrades, allowing for safe and efficient temporary utility connections.

Our in-house engineering capabilities play a vital role in this process. Our Technical Services & Engineering (TS&E) team conducts comprehensive site visits and scoping studies to identify potential vulnerabilities and help design necessary upgrades as required for temporary installations.

In addition, our Aggreko Process Services (APS) team – comprised of experienced process engineers – is responsible for creating detailed piping and instrumentation diagrams (P&IDs) and addressing

process-related design engineering challenges. Our in-house electrical engineers also provide extensive support, developing single-line diagrams (SLDs), performing arc flash studies, load study analysis, and ensuring proper equipment grounding compliance.

This multidisciplinary approach guarantees that we thoroughly address all aspects of utility and process continuity, providing our customers with robust and reliable contingency plans.





What is included in your business continuity plan?

Narrative
An overview of the goals of your BCP and the safeguards that will be put in place to protect your business continuity.

Plot plan
Detailed drawings showing the layout of your site and the location of any proposed Aggreko solutions. This allows us to optimize implementation and move solutions into place rapidly in the event of a utility failure.

Mechanical P&ID
Schematics showing the planned layout of your process system, including all the relevant pipes, valves, and pieces of equipment.

Controls description (as needed)
An overview of any controls required, including requirements for hiring controls contractors or other specialists.

Commissioning procedures
Descriptions of any processes that must be followed before, during, and after the commissioning of your Aggreko solutions, including personnel involved, safety procedures, and performance checks or tests.

Equipment delivery plan
An overview of our strategy for ensuring your equipment arrives on your site rapidly, including proposed delivery points, the need for any staging areas, and other key considerations.

Work scope/responsibilities
Overview of the project goals, the solutions we'll provide, and the division of responsibility between your team and ours.

Equipment specifications
Full specification sheets for all of our equipment, including model, manufacturer information, performance data, electrical data, sounds levels, lifting features, and physical characteristics.

Equipment starting procedures
Guidance on ensuring your equipment starts up safely, efficiently, and quickly.

Electrical one-line diagrams
Diagrams showing the structure of your electrical system, with guidance on how our solutions will integrate with this system.

Electrical panel layout
Diagrams of the layout of key electrical panels to aid with implementation, maintenance, and troubleshooting.

Fluid/steam connection DWG files
DWG files for use in CAD programs, outlining all of the relevant fluid or steam connections in your site's core systems.

Contact information and instructions to execute plan
An overview of ways to reach your team of expert Aggreko engineers and next steps for executing your contingency plan.

The Aggreko difference

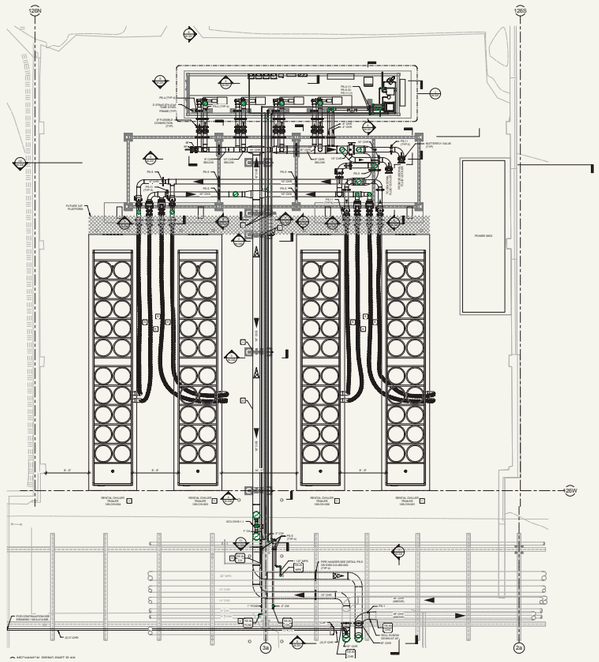
Our comprehensive approach to contingency planning ensures that pharmaceutical companies can maintain continuous operations, even in the face of unexpected utility failures.

By providing temporary solutions for critical utilities and processes, we help our customers protect their research investments, maintain compliance, and ensure the timely delivery of life-saving products.

Through engineered BCP and contingency plans, we deliver peace of mind to pharmaceutical companies, allowing them to focus on their essential work of developing and producing vital medications and vaccines to the world.



Sample Aggreko BCP

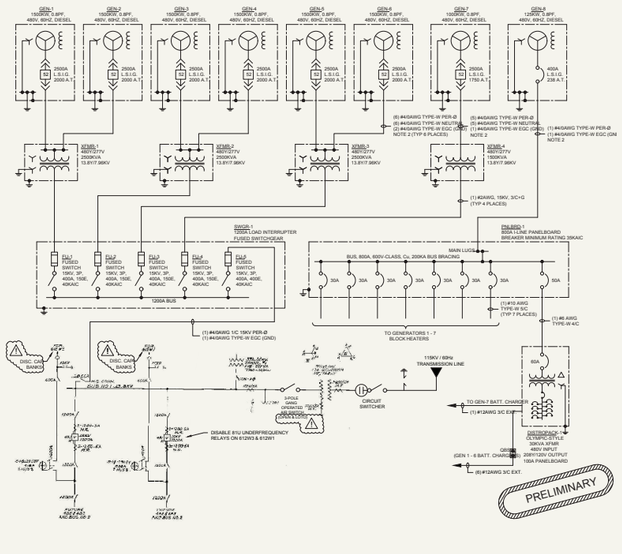


Chilled water P&ID and layout



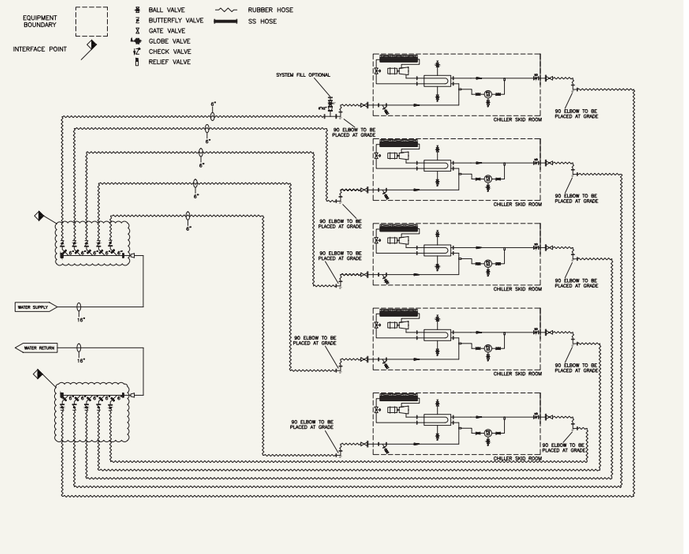
Sample Aggreko BCP

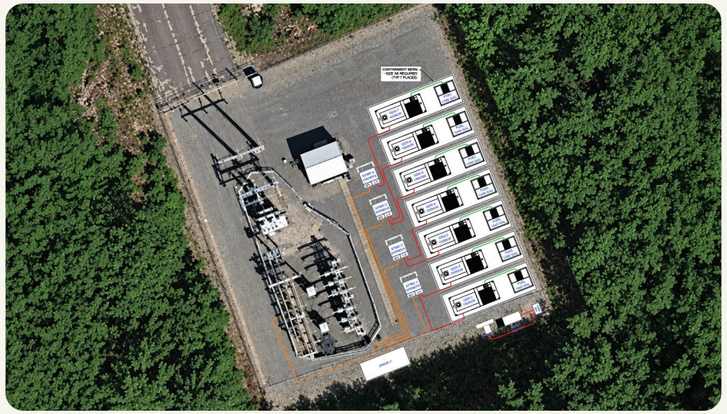
Electrical one-line diagram and layout

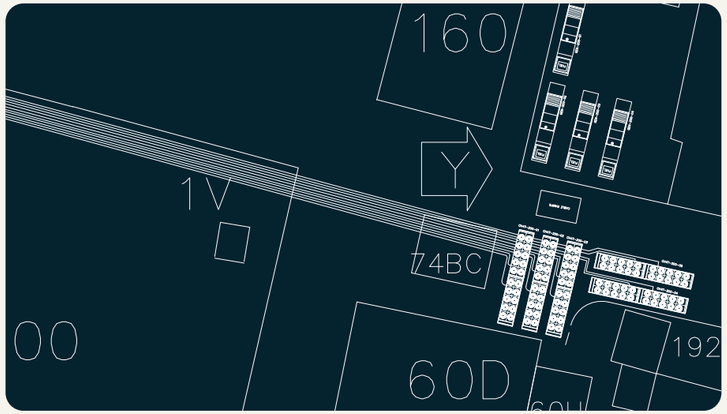


Sample Aggreko BCP

Mechanical P&ID and layout







aggreko

Keep your world ON™
aggreko.com

Power how you need it, when you need it, where you need it.

From planning through execution, our team is ready to support your next project with the expertise, equipment, and service you can count on.

Energy and temperature solutions built around your operation

