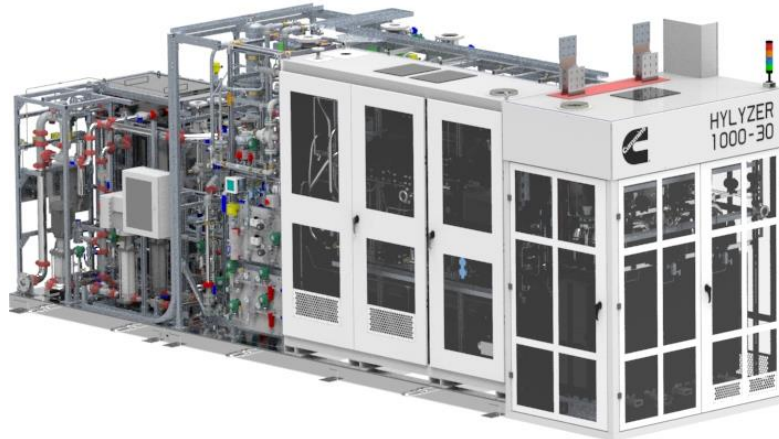


EXHIBIT 4

## 1.1 Product Introduction

The HyLYZER® 1000 PEM Electrolyzer includes two (2) Cummins cell stacks as well as the necessary Balance of Stack (BOS) and instrumentation for safe operation. Each cell stack can provide high purity hydrogen at pressures up to 30 barg without a compressor. The HyLYZER comprises one (1) electrolyzer and rectifier.



*The HyLYZER® 1000 PEM electrolysis skid*

## 1.2 Electrolyzer Skid and Sub-Assemblies

The HyLYZER 1000 Electrolyzer can be broken down into a few major components and sub-assemblies, as listed below:

### Cell Stack Assembly

- Two (2) PEM electrolyzer cell stacks

### Hydrogen Gas Module

- H<sub>2</sub> gas/liquid separator vessel
- H<sub>2</sub> demister vessel
- DI water collection tanks
- H<sub>2</sub> pressure management devices
- Remote I/O

### Oxygen Gas Module

- O<sub>2</sub> gas/liquid separator vessel
- O<sub>2</sub> demister vessel
- DI water collection tanks
- O<sub>2</sub> pressure management devices

### DI Water Pump/HEX Assembly

- DI water pump
- DI water heat exchanger
- Cooling water flow control valve

### DI Water Polishing Assembly

- Holding tank
- Recirculation pump and feed pumps
- Manifold for the DI resin bottles
- Filters and a UV light
- DI water quality monitoring equipment
- Remote I/O

### Electrolyzer Control Panel

- Power Distribution
- Programmable Logic Controller (PLC)
- Commissioning/Troubleshoot Port