



TECHNICAL ASSISTANCE REQUEST

Unique challenges that we anticipate moving forward include synthesizing ton quantities of our draw solution as well as identifying potential failure modes of membranes and or other operating components of our proposed system. LBNL provides multiple pathways to handle issues relating to synthesis through the incorporation of Dr. Roland Kalb (President and Founder of ProIonic) onto our team. Dr. Kalb is the President of the largest ionic liquid producer in the world, as well as being a research affiliate at LBNL. This synergy makes it possible to obtain these large quantities of draw solution at attractive production rates as well as avoiding the need for CRADA agreements that would otherwise slow down the progress of this project. Furthermore, any unexpected issues that may arise due to material incompatibility or other means can be examined at LBNL through the use of our state of the art spectroscopic and imaging characterization facilities