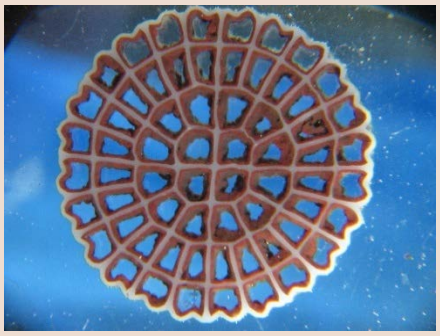
Mainstream ANITA™ Mox

Ammonia and Nitrogen Removal for Mainstream Deammonification



Benefits

- 60% Less Aeration Required
- No External Carbon Addition
- 90% Ammonia Removal
- Power Generation through COD diversion
- Reduced Footprint
- Robust Media Based Process

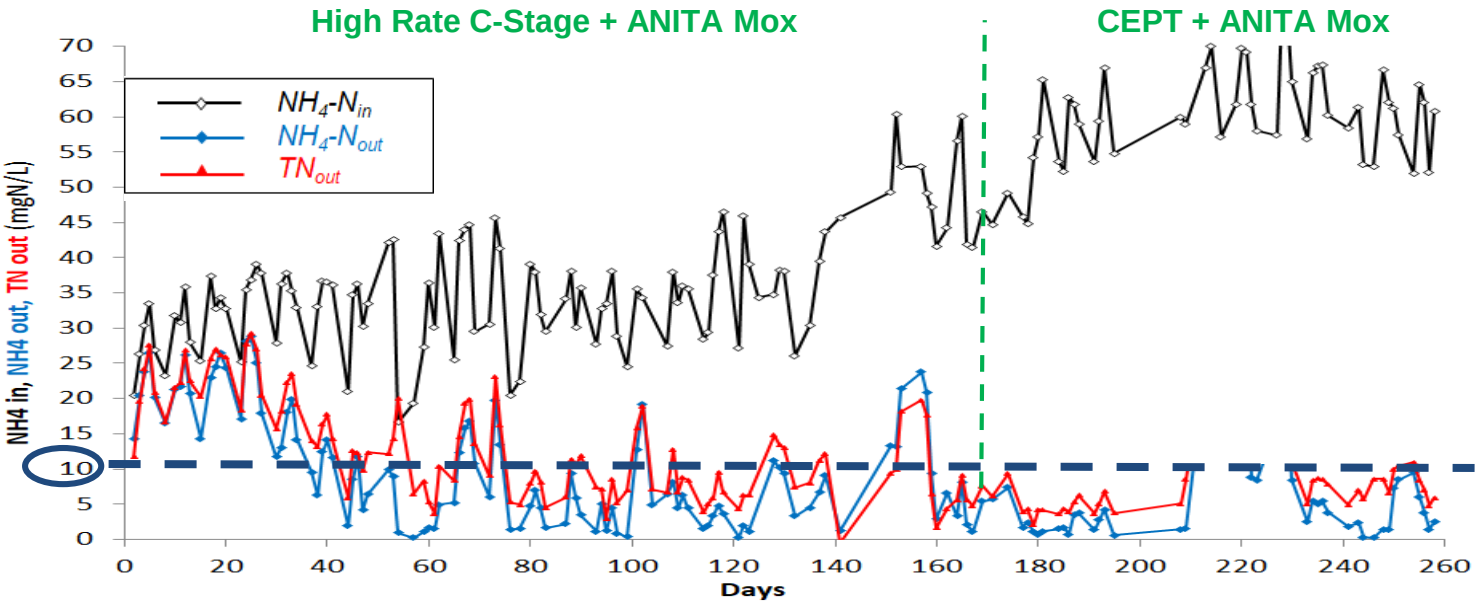
Paving the Way for Energy Neutrality

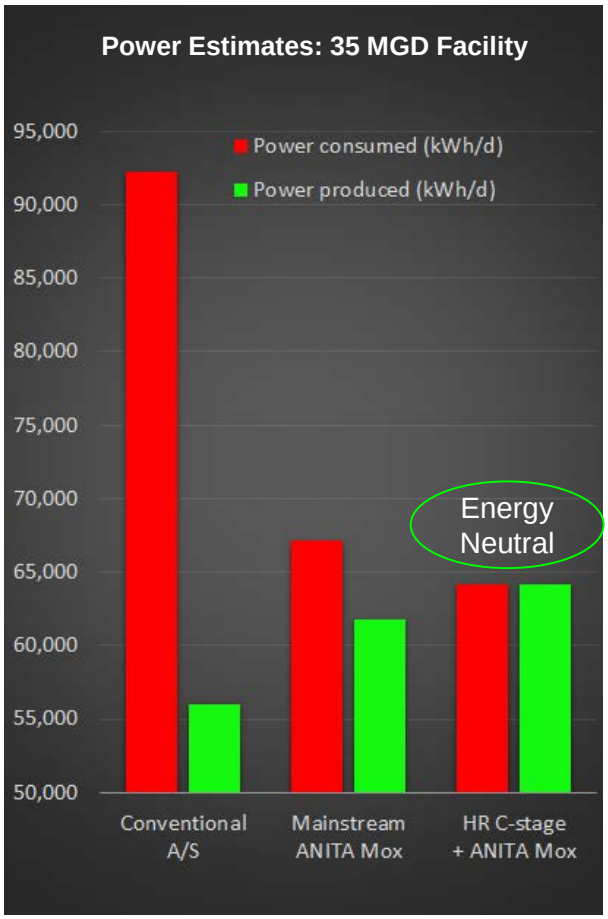
ANITA™ Mox is now offered as a compact and robust media based process for ammonia and nitrogen removal in mainstream applications while unlocking the possibility for energy production through COD diversion to digestion.

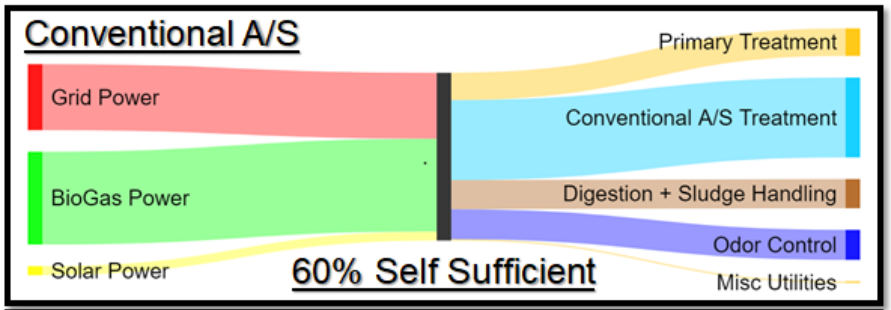
For mainstream deammonification, ANITA™ Mox provides an easy and purely mechanical solution to securely retain anammox biomass with the combination of biofilm carriers and retention sieves. This fast and robust physical separation between anammox-rich biofilm carriers and nitrifier-rich suspended sludge allows for easy control of the sludge and therefore better selective wash-out of NOB while retaining anammox.

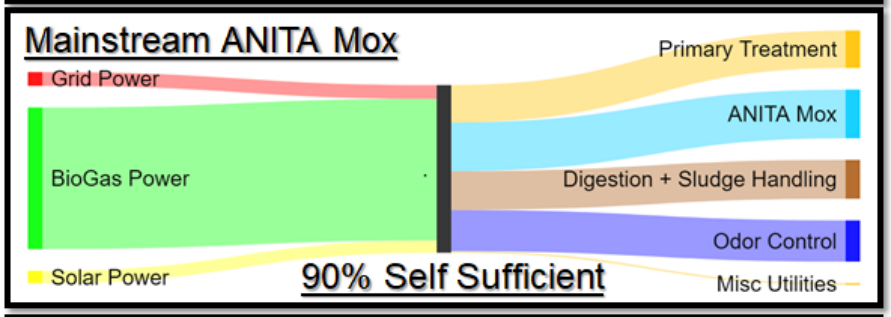
Compared to conventional BNR treatment, mainstream ANITA Mox™ reduces aeration demand by 60% and eliminates the need for carbon addition. Minimizing the operating cost of nitrogen removal and generating power through COD diversion, Mainstream ANITA Mox™ makes it possible for facilities to achieve energy neutrality.

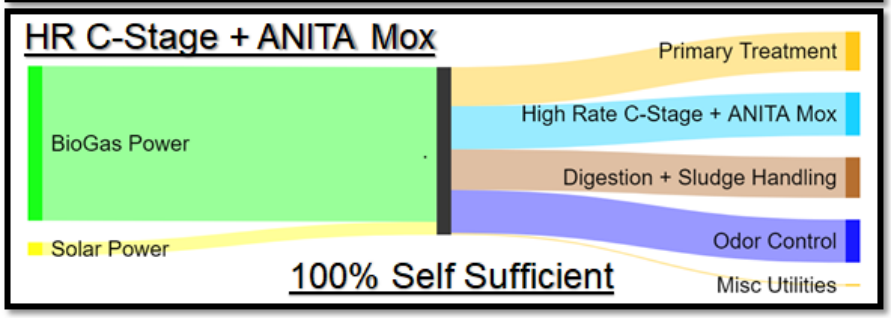
Proven Results











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