

# Low Charge Ammonia The Natural Replacement for R22

Derek Hamilton CEng  
US Business Development Manager  
Azane Inc.



w: [azane-inc.com](http://azane-inc.com)

t: [@lowchargenh3](https://twitter.com/lowchargenh3)

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R22 Phaseout

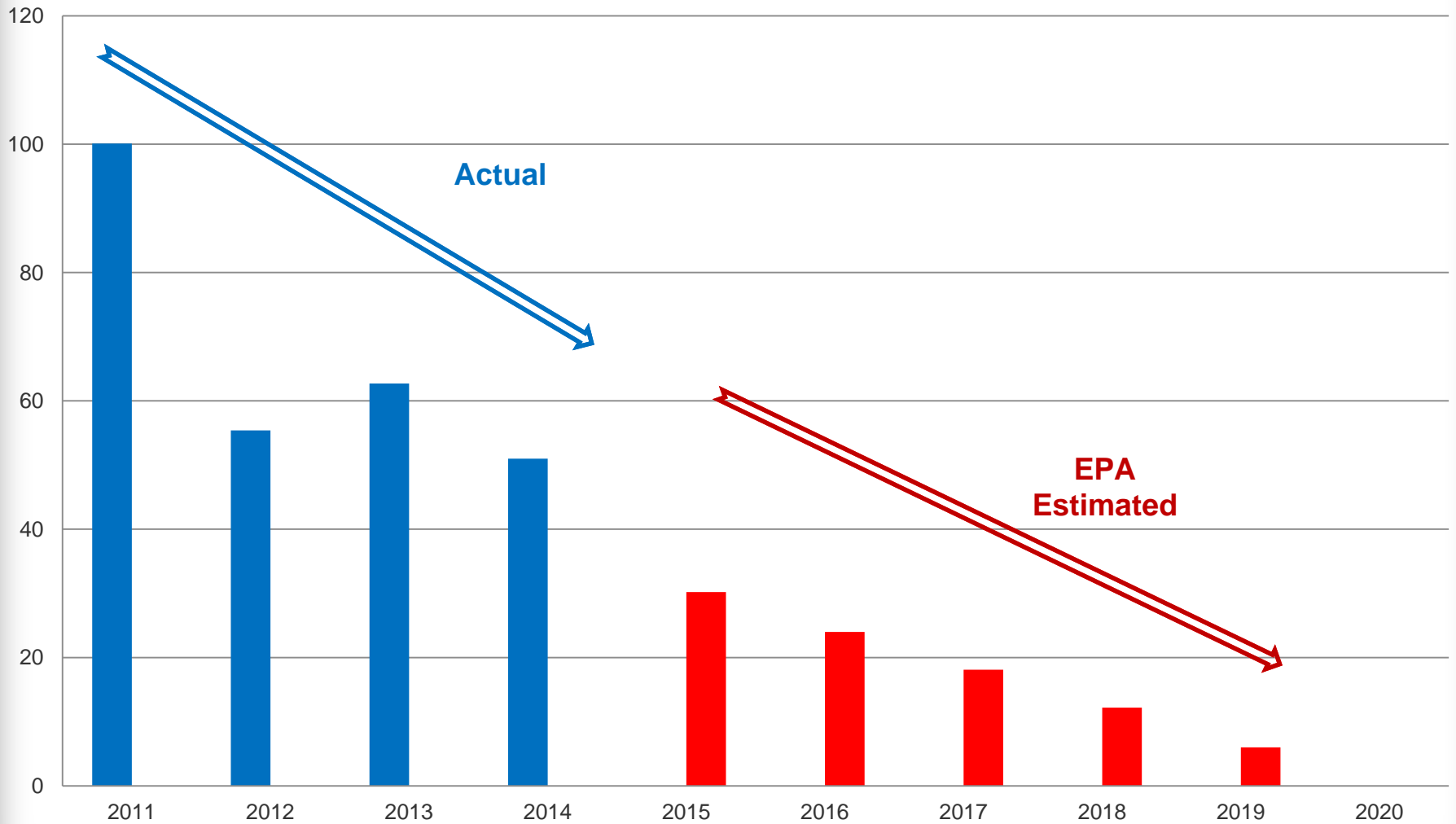
What Next?

Low charge ammonia

Case Study



## HCFC R-22 Allocation in Millions of lbs



# What next?

Nothing

Drop-in replacement

New HFC system

Natural Refrigerant



# Low Charge, Packaged Ammonia



Totally natural fluid

Low charge

Factory built and tested

Plug and play

Optimised energy efficiency



# Case Study – Puerto Rico



Dairy Plant

Blow Molder Cooling

190TR

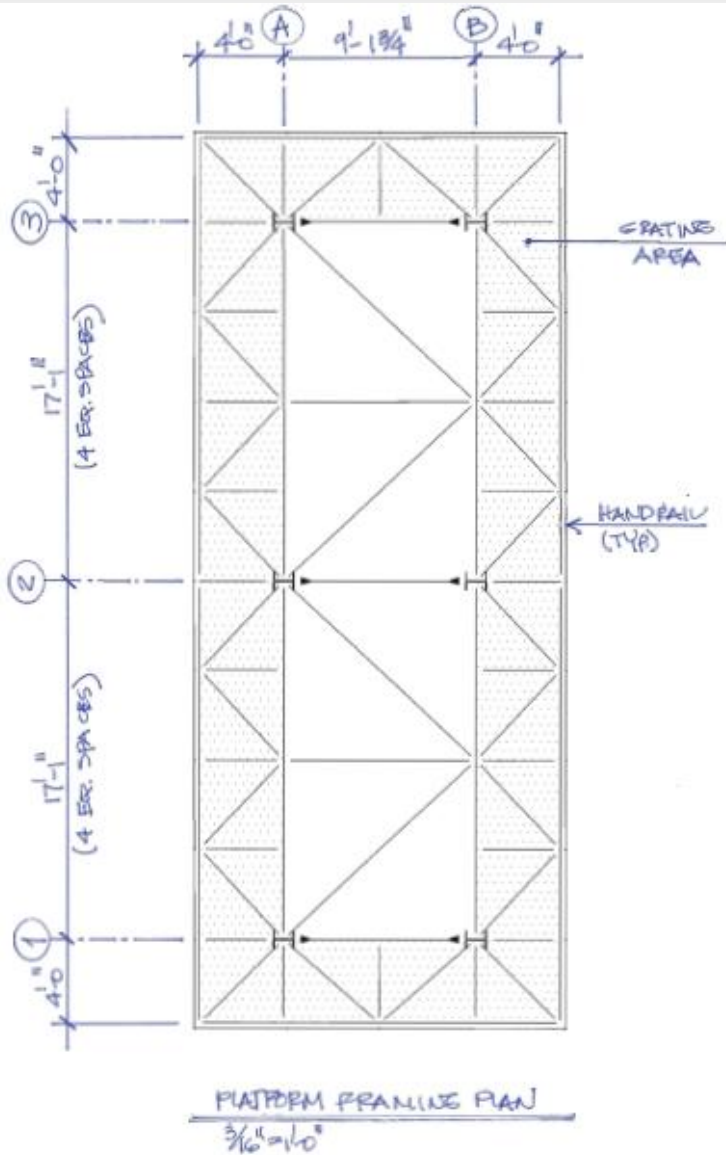
Water at 40°F

Step changes in load



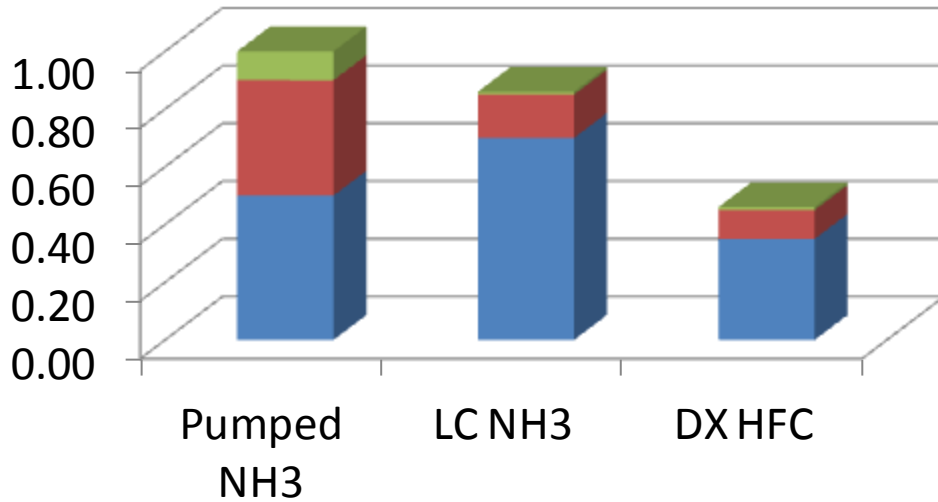


# Case Study – Puerto Rico

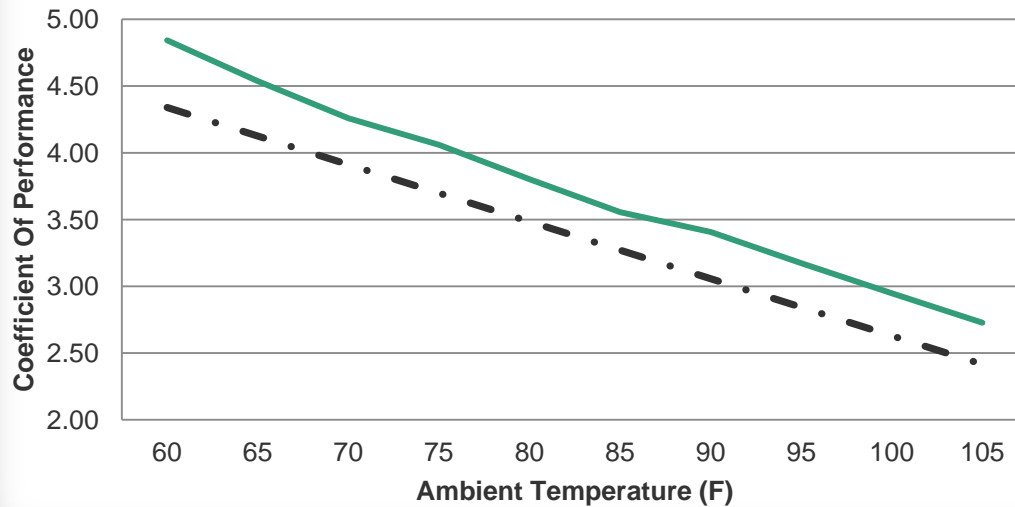




# Cost and Performance Comparison



**Ammonia saves  
41,080/yr vs HFC**





Thank you!

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