

**Helium Economics Workshop
Agenda - November 19 & 20, 2015**

APS Office of Public Affairs
529 14th Street NW, Suite 1050
Washington, DC 20045

November 19

10:00 – 10:30 AM	Welcome & Introductions (w/light breakfast)	Full Committee
10:30 – 11:00	Overview – Why and Why Now?	Mike Lilly
11:00 – 11:45	Testimonials ¹	Full Committee
11:45 – 12:00	General Questions	
12:00 – 1:00	Lunch	
1:00 – 2:00	Overview of Helium Supply/Projections	Tim Spisak (BLM)
2:00 – 2:45	Overview of NSF Activities & Academic Usage	Paul Sokol (NSF)
2:45 – 3:00	Break	
3:00 – 4:30	Helium Recycling Technologies - Point of use reliquefaction - Dry system, cryo-free - Build your own liquefier	Stefano Spagna (Quantum Design)
4:30 – 6:30	Break	
6:30 – 9:00	Dinner and Discussion at Morrison-Clark Historic Inn	Full Committee

¹ Committee members are asked to come prepared with short presentation or written statement of their experiences relevant to the study

November 20

9:00 – 9:30 AM	Breakfast & Day One Recap	
9:30 – 10:00	Strategies pursued by other countries	TBD ²
10:00 – 12:00	Economics Discussion ³	Full Committee
12:00 – 12:30	Lunch	
12:30 – 1:00	Decision Making Methodology	Cathy Tway
1:00 – 2:00	Next steps, writing assignments, etc.	Bare & Lilly

² Guest speaker from a university or industry in United Kingdom

³ Considerations may include: helium usage, payback time, space, energy cost, institutional needs, what types of research being done are most applicable for recycling, ease of implementing, which PIs would oppose switch, etc.