PROJECT TIMELINE

PHASE I - COMPLETED

Data Collection & Characterization

- Core sample analysis
- Geologic modeling
- Reservoir modeling
- Baselines for monitoring

Injection Design

10/1/2011 - 3/31/2013

Monitoring Design

- Well locations
- Geophysical surveys

Permitting & Agreements

- EPA class II UIC
- Virginia state drilling permits
- **Access Agreements**

PHASE II - IN PROGRESS

Site Preparation

- Conversion of production wells
- Drill characterization and monitor wells
- Install additional monitor stations

4/1/2013 - 9/30/2015

CO₂ Injection
• 10/01/2014 - 9/31/2015

Monitoring

- Atmosphere
- Surface
- Reservoir

PHASE III - FUTURE

Site Closure

- Conversion of injection and monitor wells
- Site restoration

10/1/2015 - 9/30/2016

Post-injection Characterization

- Data analysis and interpretation
- Post-injection monitoring
- Reservoir modeling

Ongoing Activities: Management and Planning, Risk Analysis and Assessment, Characterization, Modeling, Monitoring, Education and Outreach



Virginia Center for Coal and Energy Research www.energy.vt.edu