

Cost Effectiveness Analysis for AGR Unit CO2 Vent

Cost data from Schlumberger Carbon Service, Cost Report for the Taylorville Energy center, Exhibit 13.2.l

Well Installation and Site Characterization	29,814,354	Schlumberger, Ex. 13.2.b, Table C-1
Insurance	945,672	Schlumberger, Ex. 13.2.b, Table C-1
Land & Access	1,500,000	Schlumberger, Ex. 13.2.b, Table C-1
Monitoring	34,704,612	Schlumberger, Ex. 13.2.b, Table C-1
Pipeline	7,144,379	Schlumberger, Ex. 13.2.b, Table C-1
Work Over	5,834,670	Schlumberger, Ex. 13.2.b, Table C-1
Subtotal	79,943,687	Schlumberger, Ex. 13.2.b, Table C-1
		Schlumberger, Ex. 13.2.b, Table C-1
Engineering, Operations & Maintenance	11,991,553	Schlumberger, Ex. 13.2.b, Table C-1
Contingency (10%)	7,994,369	Schlumberger, Ex. 13.2.b, Table C-1
Plugging & Abandonment	1,651,500	Schlumberger, Ex. 13.2.b, Table C-1
Decommissioning Contingency	15,136,570	Schlumberger, Ex. 13.2.b, Table C-1
TOTAL CAPITAL COST	116,717,679	Schlumberger, Ex. 13.2.b, Table C-1
Congency for Additional Well	24,498,394	Schlumberger, Ex. 13.2.b, Table C-1
		Schlumberger, Ex. 13.2.b, Table C-1
TOTAL CAPITAL w/ADDITIONAL WELL	141,216,073	Schlumberger, Ex. 13.2.b, Table C-1
Capital Recovery Factor (n=30, i=7%)	0.0805864	EPA Cost Control Manual
TOTAL ANNUAL CAPITAL COST	11,380,095	
Monitor O&M	12,000	Schlumberger, Ex. 13.2.b, Table C-3
Other O&M	112,000	Schlumberger, Ex. 13.2.b, Table C-3
Total Annual Cost	11,504,095	
Emission Reductions	2,510,326	Ap., vol. 3, Table 3-3, AGR Unit CO2 Vent
Cost Effectiveness (\$/ton)	4.58	

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