

- High capture can cause a significant in increase not utilized.
- technology for polishing capture (i.e., high extent of capture from the flue gas with work investigates the use of MEA for bulk capture with the polishing capture being accomplished by a functionalized metal
- optimal bulk capture by the solvent and polishing capture by the sorbent? What conditions for the desired capture by the solvent and sorbent systems?



- Validated using data from NCCC



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| CC |
|-------------------|
| Carbon Capture Si |







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necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.









OAK RIDGE West Virginia University West Virginia University OF NOTRE DAME TEXAS



| r 99.5% total capture | |
|--|--|
| 99.9% 98% 1.298 105.46 327.42 298 95% 6.466 | |
| 0.922 1.269 304.33 432.86 n energy vith the | |
| ncreases at nains energy loading of re from the educe the | |
| pends on cally efficient aratively n capture, f the solvent ed process. | |
| r Laboratory an agency r responsibility for the or otherwise does not | |

Carnegie Mellon