

US EPA ARCHIVE DOCUMENT

Fryer, Tim

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**From:** Carlson, Larry <LCarlson@TENASKA.com>  
**Sent:** Monday, May 12, 2014 3:53 PM  
**To:** Nguyen, Quang  
**Subject:** Tenaska Roan's Prairie Generating Station  
**Attachments:** Tenaska Roan's Prairie Generating Station Annual Average CO2 BACT Limit Derivation.pdf

Per your request, see attached proposed annual average CO2 BACT limits.

In addition, those limits on a net output basis (lbs/MWh<sub>net</sub>) are:

- Siemens: 1,420
- GE 7FA .05: 1,401
- GE 7FA .04: 1,426.

Lastly, the maximum annual heat input for each turbine (MMBtu/yr HHV) is:

- Siemens: 6,785,520
- GE 7FA .05: 6,129,560
- GE 7FA .04: 5,156,210

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Larry G. Carlson, QEP  
Director, Air Programs

***TENASKA INC.***

14302 FNB Parkway | Omaha | NE | 68154-5212  
o: 402.938.1661 | c: 402.203.5263 | f: 402.691.9530  
LCarlson@TENASKA.com