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maybe around $70/net ton at the refinery and roughly $75 per net ton at the gaisfier assuming it is fairly close to the coker.  These prices are much higher than normal so you would get a different result vs natural gas fired plants by waiting awhile.  A more normal price in the chicago area would be maybe $40-50/NT plus freight.  I'd use 14000 BTU's/lb as the energy content number.

best of luck.

Dover Resources

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ps I have not seen many gasifier projects continuing given the low gas prices and high pet coke numbers - regardless of location.  The technology change in nat gas drilling has had an impact.



We are senior in Chemical Engineering Field at University of Illinois at Chicago.

We are currently working on gasification process as a part of our project.

We are using Shell Gasifier as our role model to produce syngas.

We have chosen fuel grade petroleum coke as our feed stock to produce this syn gas.

Part of our project requires knowing the recent price of fuel grade petcoke.

We are feeding about 1700 tons of ground petroleum coke to our Gasifier.

I was wondering if you can help us with our project by giving us an estimate of how much will it cost us to purchase fuel grade petroleum coke in the amount of 1700 tons/day.

We value your time and privacy.

We only need an estimate of the unground petroleum coke.

Lipi Vahanwala  
Senior Design Group, Hotel  
Undergraduate Chemical Engineering Student at UIC, IL