

605. (<http://www.science.doe.gov/production/grants/605index.html>)

1. Scientific and/or technical merit of the project;

2. Appropriateness of the proposed method or approach;

3. Competency of the applicant's personnel and adequacy of the proposed resources; and

4. Reasonableness and appropriateness of the proposed budget.

Scientific and technical merit also includes the importance and relevance of the proposed research to the U.S. fusion program. Accordingly, preference will be given to work based in the U.S.

In addition, proposals from theory groups will also be rated on the synergy of the group and the management of the group. With respect to synergy, the criteria are:

(1) Clear evidence of collaborative work.

(2) The extent to which the group addresses difficult problems requiring a team effort.

With respect to management the criteria are:

(1) Clear evidence of scientific leadership.

(2) The extent to which the management evaluates the relevance and scientific impact of the group's work.

The Office of Fusion Energy Sciences shall also consider, as part of the evaluation, other available advice or information as well as program policy factors such as ensuring an appropriate balance among the program areas and within the program areas, ensuring support for major computational efforts, ensuring support for experiments, and quality of previous performance. Selection of applications/proposals for award will be based upon the findings of the technical evaluations, the importance and relevance of the proposed research to the Office of Fusion Energy Sciences' mission, and funding availability.

Program Specific Information

1. Magnetohydrodynamics and Stability

Grant applications are solicited for new research or continuation of past efforts in magnetohydrodynamics (MHD) theory in support of work on magnetically confined fusion plasmas. Current areas of interest include advanced tokamak (AT), innovative confinement concepts (ICC), burning plasma physics and steady state, high-beta plasma issues. Both analytical and computational approaches will be considered. Additional work is needed on nonlinear MHD codes to include new physics, such as extended MHD

(including flows and various non-ideal MHD effects), resistive wall modes, and particularly neoclassical tearing modes. Finally, basic work in support of the Scientific Discovery through Advanced Computing initiative that involves the development of large-scale MHD codes will also be considered.

2. Confinement and Transport

Applications will be considered in the area of confinement and transport in plasmas. This area covers plasma turbulence, energy, particle, momentum and radiation transport in the core of the plasma and theory based transport modeling. The work of interest includes work in support of tokamak as well as non-tokamak innovative concepts.

Topics of interest include among others, electromagnetic effects on turbulence, shear flow generation and its impacts on transport, and understanding of the role of collisions in turbulent plasmas. Both analytical and computational work is of interest. Basic work in support of the Scientific Discovery through Advanced Computing initiative that involves the development of large-scale codes to explore turbulence will also be considered.

3. Edge and Divertor Physics

Applications will be considered in the area of edge physics theory. This area covers plasma turbulence, energy, particle and radiation transport in the edge of the plasma and in the neighborhood of the separatrix. The work of interest includes neutrals transport in divertors and plasma edge region, atomic physics processes affecting temperature, radiation and flame front propagation in divertors and pedestal and elm theory and modeling. Both analytical and numerical models are of interest. Techniques and algorithms for modeling fast particles in the edge region as well as adaptive grid methods and their application to modeling of plasma turbulence and transport in the edge region will be considered.

4. Plasma Heating and Non-inductive Current Drive

Applications will be considered in the area of radio frequency (RF) physics in plasmas. This includes RF propagation, heating and current drive. Of interest are both analytical and numerical treatments of interaction of plasmas with radio frequency waves. These include electron cyclotron, ion cyclotron, lower hybrid and Bernstein waves. Topics of interest include, among others, physical processes involved in conversion layers, power deposition for temperature profile

control and interaction of waves of different frequencies to produce specific effects on the plasma. Applications for modeling radio frequency launchers and their coupling to the edge plasma will also be considered.

5. Innovative/Integrating Concepts

Grant applications are desired for theoretical and computational research on innovative concepts that have the possibility of leading to improved magnetic fusion systems. Increased theoretical and computational research is needed to make optimal use of innovative fusion related experiments. Applications are also desired for theoretical and computational research on integrated studies that include multiple topics.

6. Atomic and Molecular Processes in Plasmas

Grant applications will be considered for theoretical research relevant to the description of atomic processes in plasmas. In addition to overall scientific merit, emphasis will be given to work that promises to aid the understanding of the basic atomic processes that are important for modeling of magnetically confined plasmas and high-density plasmas found in inertial confinement fusion experiments. The program has found understanding electron-atom and electron-ion collisions and the radiation emitted by atoms and ions to be of importance for the modeling of plasma behavior in experiments. Some current areas where atomic processes are considered to be important include the effects of transport, the effects of impurities and the understanding of diagnostics.

(The Catalog of Federal Domestic Assistance Number for this program is 81.049, and the solicitation control number is ERFAP 10 CFR part 605.)

Issued in Washington, DC, on March 4, 2002.

John Rodney Clark,

Associate Director of Science, for Resource Management.

[FR Doc. 02-6033 Filed 3-12-02; 8:45 am]

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DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. RP99-301-043]

ANR Pipeline Company; Notice of Compliance Filing

March 7, 2002.

Take notice that on March 4, 2002, ANR Pipeline Company (ANR) filed an

amendment to a service agreement between ANR and Duke Energy Fuels, L.P. and an Amended and Restated Negotiated Rate Letter Agreement between these same parties, in compliance with the Commission's January 16, 2002 Letter Order in Docket No. RP99-301-032. *ANR Pipeline Company*, 98 FERC ¶ 61,025 (2002).

Any person desiring to protest said filing should file a protest with the Federal Energy Regulatory Commission, 888 First Street, NE., Washington, DC 20426, in accordance with Section 385.211 of the Commission's Rules and Regulations. All such protests must be filed in accordance with Section 154.210 of the Commission's Regulations. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceedings. Copies of this filing are on file with the Commission and are available for public inspection. This filing may also be viewed on the Web at <http://www.ferc.gov> using the "RIMS" link, select "Docket#" and follow the instructions (call 202-208-2222 for assistance). Comments, protests and interventions may be filed electronically via the Internet in lieu of paper. See, 18 CFR 385.2001(a)(1)(iii) and the instructions on the Commission's Web site under the "e-Filing" link.

Magalie R. Salas,
Secretary.

[FR Doc. 02-5982 Filed 3-12-02; 8:45 am]

BILLING CODE 6717-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. RP02-184-000]

ANR Pipeline Company; Notice of Proposed Changes in FERC Gas Tariff

March 7, 2002.

Take notice that on March 1, 2002, ANR Pipeline Company (ANR) tendered for filing as part of its FERC Gas Tariff, Second Revised Volume No. 1, Seventeenth Revised Sheet No. 19, and Eighth Revised Sheet No. 68H, to be effective April 1, 2002.

ANR states that the above-referenced tariff sheets are being filed to comply with the annual redetermination of the levels of "Transporter's Fuel Use (%)", as required by ANR's currently effective tariff. In accordance with Section 1.68 of the General Terms and Conditions in ANR's tariff, the annual redetermined percentages are based upon ANR's most recent three (3) calendar years'

experience of compressor fuel usage (1999, 2000 and 2001), and most recent four (4) years' experience of Lost and Unaccounted For gas (1998, 1999, 2000 and 2001).

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 888 First Street, NE., Washington, DC 20426, in accordance with sections 385.214 or 385.211 of the Commission's rules and regulations. All such motions or protests must be filed in accordance with section 154.210 of the Commission's regulations. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceedings. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection. This filing may also be viewed on the web at <http://www.ferc.gov> using the "RIMS" link, select "Docket#" and follow the instructions (call 202-208-2222 for assistance). Comments, protests and interventions may be filed electronically via the Internet in lieu of paper. See, 18 CFR 385.2001(a)(1)(iii) and the instructions on the Commission's web site under the "e-Filing" link.

Magalie R. Salas,
Secretary.

[FR Doc. 02-6002 Filed 3-12-02; 8:45 am]

BILLING CODE 6717-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. RP02-193-000]

ANR Pipeline Company; Notice of Proposed Changes in FERC Gas Tariff

March 7, 2002.

Take notice that on February 28, 2002, ANR Pipeline Company (ANR) tendered for filing as part of its FERC Gas Tariff, Second Revised Volume No. 1, the following tariff sheets proposed to become effective March 1, 2002:

Fifty-first Revised Sheet No. 8
Fifty-first Revised Sheet No. 9
Fiftieth Revised Sheet No. 13
Sixty-first Revised Sheet No. 18

ANR states that the above-referenced tariff sheets are being filed to implement recovery of approximately \$3.1 million of above-market costs that are associated with its obligations to Dakota Gasification Company (Dakota). ANR proposes a reservation surcharge

applicable to its Part 284 firm transportation customers to collect ninety percent (90%) of the Dakota costs, and an adjustment to the maximum base tariff rates of Rate Schedule ITS and overrun rates applicable to Rate Schedule FTS-2, so as to recover the remaining ten percent (10%). ANR advises that the proposed changes would increase current quarterly Above-Market Dakota Cost recoveries from \$2,447,977 to \$3,099,144.

Any person desiring to be heard or to protest said filing should file a motion to intervene or a protest with the Federal Energy Regulatory Commission, 888 First Street, NE., Washington, DC 20426, in accordance with sections 385.214 or 385.211 of the Commission's Rules and Regulations. All such motions or protests must be filed in accordance with section 154.210 of the Commission's Regulations. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceedings. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection. This filing may also be viewed on the web at <http://www.ferc.gov> using the "RIMS" link, select "Docket#" and follow the instructions (call 202-208-2222 for assistance). Comments, protests and interventions may be filed electronically via the Internet in lieu of paper. See, 18 CFR 385.2001(a)(1)(iii) and the instructions on the Commission's web site under the "e-Filing" link.

Magalie R. Salas,
Secretary.

[FR Doc. 02-6011 Filed 3-12-02; 8:45 am]

BILLING CODE 6717-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. RP02-194-000]

ANR Pipeline Company; Notice of Proposed Changes in FERC Gas Tariff

March 7, 2002.

Take notice that, on February 28, 2002, ANR Pipeline Company (ANR) tendered for filing as part of its FERC Gas Tariff, Second Revised Volume No. 1, Sixty-Second Revised Tariff Sheet No. 18, proposed to become effective March 1, 2002.

ANR states that the above-referenced tariff sheet is being filed to implement