

Federal Energy Regulatory Commission



Natural Gas Infrastructure Expansion

September 18, 2002

Total New Capacity / Facilities



Authorized (10 Projects)

Capacity – 2,252 MMcfd

Pipeline – 759 miles of pipe

Compression – 110,600 Hp

Preliminarily Approved (2 Projects)

Capacity – 226 MMcfd

Pipeline – 39 miles of pipe

Compression – 20,000 Hp

Benefits of New Infrastructure by Region



Northeast –

C-1 Islander East, C-4 Millennium, C-14 Iroquois (ELI) and C-5 National Fuel (Beech Hill Storage)

Benefit –

The first three projects would significantly increase the amount of new capacity to the New York City area market, while the last would ensure the storage integrity of the Beech Hill Storage Field in NY

Benefits of New Infrastructure by Region



Southeast –

C-3 Southern Expansion Project and C-17 Southern (SCG Project)

Benefit –

The Southern Expansion Project provides increased service to municipalities, and end users, including 2,630 MW of new power at new and existing power plants -- The SCG Project is a new pipeline which would increase service to growing markets in GA and SC while providing an additional outlet for regassified LNG

Benefits of New Infrastructure by Region



Midwest –

C-13 Missouri Interstate (Oil Conversion Project) and C-8 Northern Natural (Beatrice Compressor)

Benefit –

The Oil Conversion Project is a Mississippi river crossing that gives markets in the greater St. Louis area enhanced access to the interstate grid, while the Beatrice Compressor Project will provide incremental capacity to shippers until full volumes are contracted for in Northern Natural's upcoming Project MAX

Benefits of New Infrastructure by Region



Mid-Atlantic –

C-7 Transco (Trenton Woodbury)

Benefit –

The Trenton Woodbury Project will provide delivery flexibility for two existing customers in meeting gas distribution needs as well as serve the natural gas requirements of a new 1,180 MW power plant in PA

Benefits of New Infrastructure by Region



Northwest –

C-2 Northwest Pipeline (Rockies Expansion)

Benefit –

The Rockies Expansion Project creates additional northerly flow capacity to serve the Pacific Northwest and mitigates the need for Northwest Pipeline to invoke OFOs and other remedies to compensate for shortfalls in displacement capacity

Benefits of New Infrastructure by Region



International –

C-6 Georgia Strait Crossing and C-16 Kinder Morgan Export

Benefit –

The Georgia Strait Crossing and the Kinder Morgan Export Project will serve important energy markets in Canada and Mexico, respectively – both projects will further enhance the North American gas grid by providing additional supply choices to consumers