Sierra Pacific™
POWER COMPANY
www.sierrapacific.com

Legal Department

6100 Neil Road, P.O. Box 10100 • Reno, Nevada 89520-0024 • 775.834.4208 • Fax: 775.834.4098

April 12, 2001

VIA FEDERAL EXPRESS

Mr. David P. Boergers
Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, D.C. 20426

Re: Order Removing Obstacles to Increased Electric Generation and Natural Gas Supply in the Western United States and Requesting Comments on Further Actions to Increase Energy Supply and Decrease Energy Consumption

Docket No. EL01-47-000

Dear Mr. Boergers:

Enclosed for filing on behalf of Sierra Pacific Power Company ("Sierra") and Nevada Power Company ("Nevada Power") are an original and 14 copies of the list of projects required to be filed pursuant to the above-referenced Order for informational purposes. The list of projects in the attached filing represents the projects to which Sierra and Nevada Power, respectively, are committed and which offer the greatest potential for improving grid capacity in the shortest period of time.

Please date-stamp the enclosed extra copy of the filing and return it to me in the enclosed self-addressed, stamped envelope.

Sincerely,

Connie L. Westadt
Associate General Counsel
Sierra Pacific Power Company
and
Nevada Power Company

Fercw/2001/EL01-47-000 letter

Sierra Pacific™

Nevada Power℠

April 4, 2001

PROJECTS

Sierra Pacific Power

Path 32 Re-rate (Falcon-Gonder Project)

Frenchman's Tap 230 kV Project

Transmission Capacitor Additions

Nevada Power

River Mountains Project

Faulkner-Tolson 230 kV Transmission Project

Tolson-Arden 230 kV Transmission Project

Path 32 Re-rate

A. Project Description

1. Name:	Path 32 Re-Rate (a.k.a Falcon-Gonder Project)
2. Participants:	Sierra Pacific Power
3. One-Line Diagram:	See Figure 1.
4. Facilities:	The Falcon - Gonder Project is to serve load growth in Northern Nevada. The project consists of a 180 mile 345 kV line from the existing Falcon station to a new 345 kV switching station at the present Gonder substation. Two 345/230 kV, 300 MVA transformers will connect the new sub to the existing 230 kV sub. The transmission line will use 2-954 kcm ACSR Rail conductor (or its equivalent) and a 45 Mvar cap bank will be installed on the Gonder 230 kV bus.

B. Cost

The estimated cost for re-rating Path 32 is $ 99.5M.

C. Anticipated In-service Date

Anticipated in-service date for the project is summer 2003.

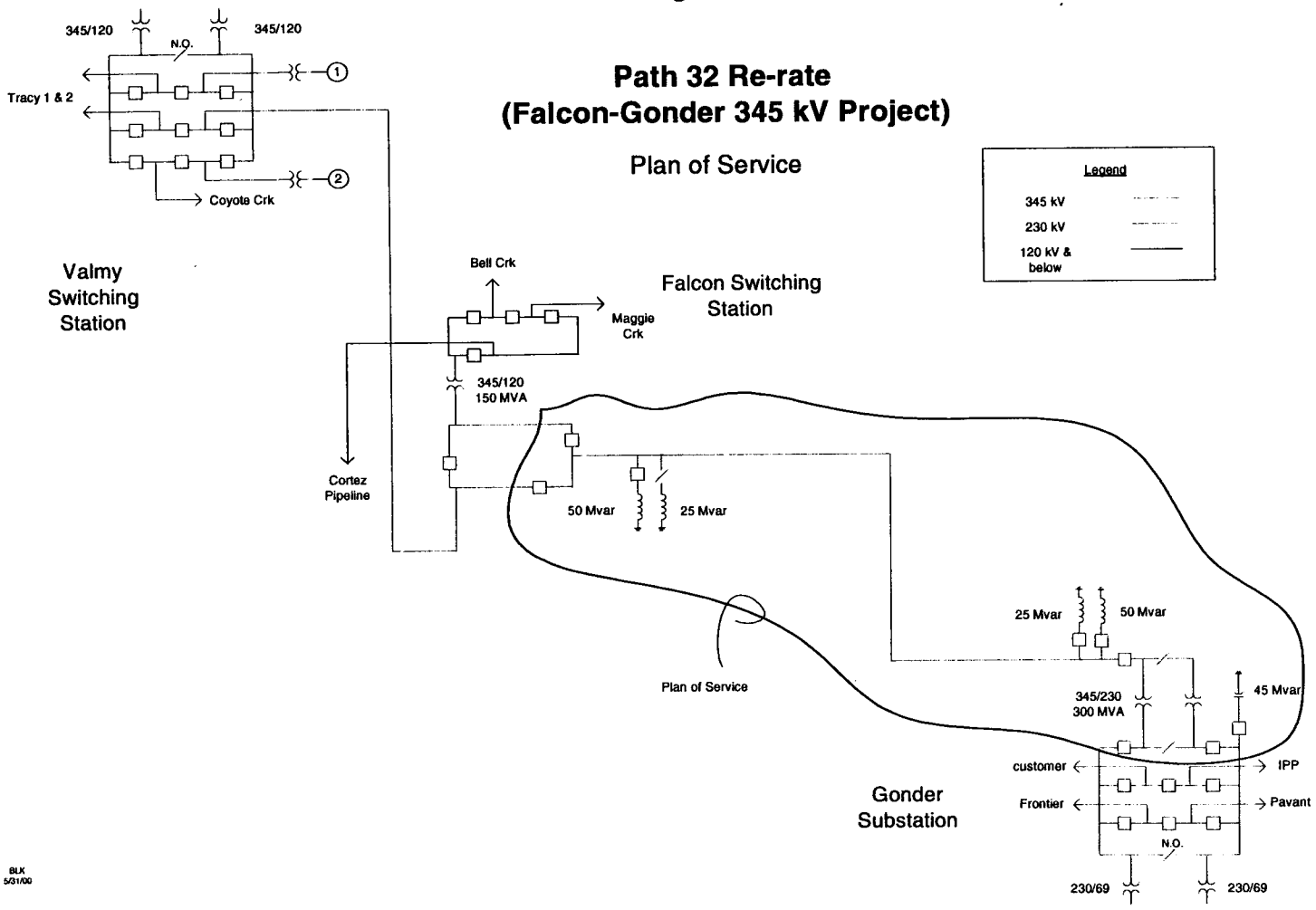
D. Impact on Grid Capacity

As a result of increased load growth in N. Nevada, the addition of the Falcon-Gonder Project will increase Sierra's import capability by 255 MW and increase the WSCC Path 32 rating from 245 MW westbound/150 MW eastbound (measured at Ft. Churchill 230/120 kV transformer) to 440 MW westbound/235 MW eastbound. Sierra has completed the WSCC ratings process and the project has received an accepted rating from WSCC.

Figure 1

Path 32 Re-rate
(Falcon-Gonder 345 kV Project)

Plan of Service



BLX
5/31/00

Frenchman's Tap 230 kV Project

A. Project Description

1. Name:	Frenchman's Tap 230 kV Project
2. Participants	Sierra Pacific Power
3. One-Line Diagram:	See Figure 2.
4. Facilities:	The Frenchman's Tap 230 kV Project is intended to increase import capability into Northern Nevada. Major components of the project include a 2/3 mile fold in of the Bishop-Dixie Valley 230 kV line, a new 230 kV switching station connecting Sierra's Austin-Ft. Churchill 230 kV line and Caithness's Bishop-Dixie Valley 230 kV line and a 230 kV, 150 MVA phase shifting transformer.

B. Cost

The estimated cost for the Frenchman's Tap 230 kV Project is $ 13M.

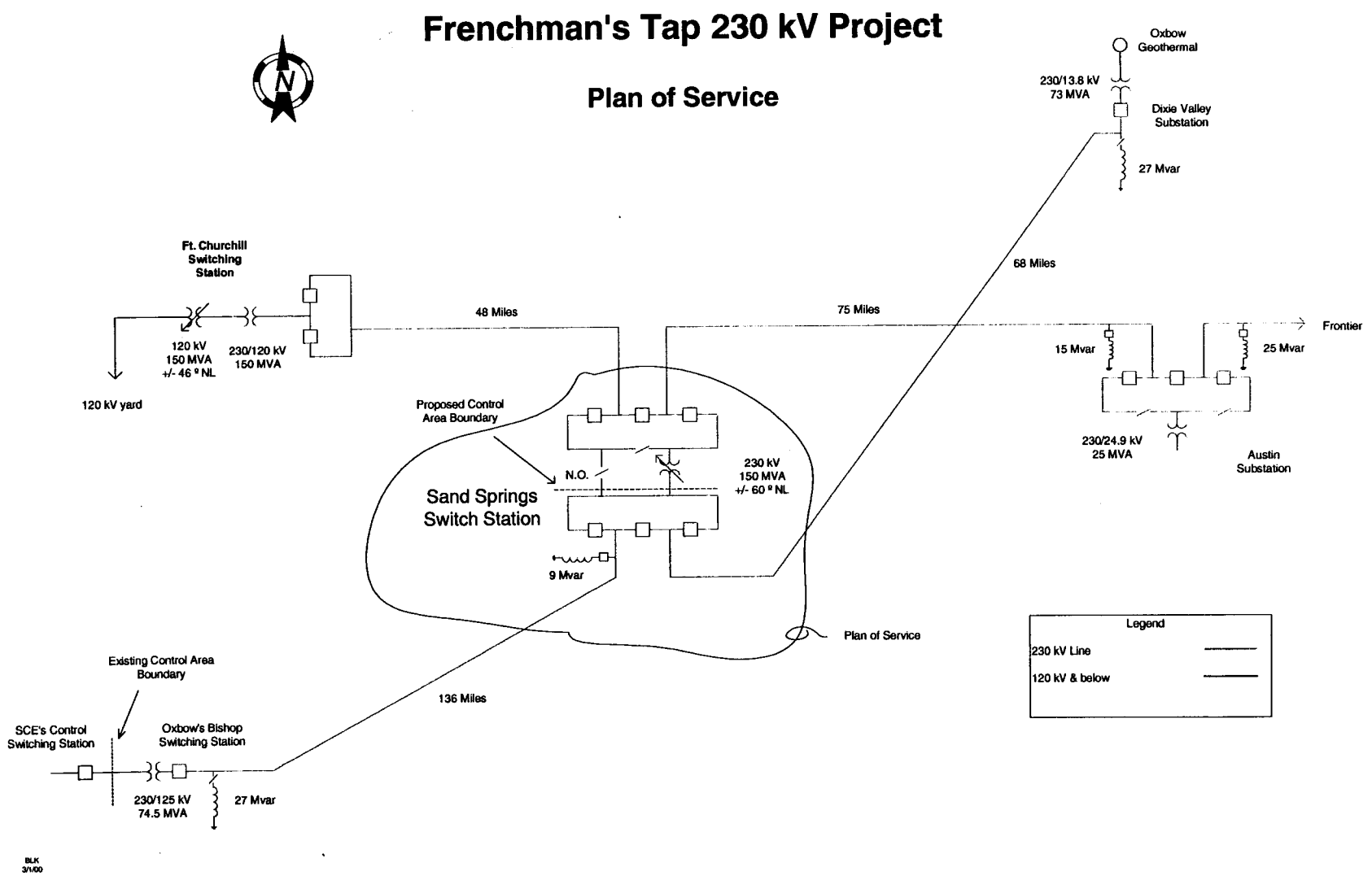
C. Anticipated In-service Date

Anticipated in-service date for the project is beyond summer 2002.

D. Impact on Grid Capacity

Because of increased load growth in Northern Nevada, the Frenchman's project adds 35 MW of import capability after the Falcon-Gonder Project. WSCC ratings studies are underway to determine a bi-directional rating for this new path.

Figure 2


Frenchman's Tap 230 kV Project
Plan of Service
N
Oxbow Geothermal
230/13.8 kV 73 MVA
Dixie Valley Substation
27 Mvar
68 Miles
Ft. Churchill Switching Station
48 Miles
75 Miles
Frontier
120 kV 150 MVA +/- 46 º NL
230/120 kV 150 MVA
120 kV yard
15 Mvar
25 Mvar
230/24.9 kV 25 MVA
Austin Substation
Proposed Control Area Boundary
N.O.
230 kV 150 MVA +/- 60 º NL
Sand Springs Switch Station
9 Mvar
Plan of Service
Legend
230 kV Line
120 kV & below
Existing Control Area Boundary
136 Miles
SCE's Control Switching Station
Oxbow's Bishop Switching Station
230/125 kV 74.5 MVA
27 Mvar
BLK 3/1/00

River Mountains Project

A. Project Description

1.	Name:	River Mountains Project
2.	Participants	Nevada Power Company and Colorado River Commission
3.	One-Line Diagram:	See Figure 3.
4.	Facilities:	The project will consist of 4-230 kV transmission circuits built on two separate double circuit tower lines which will be located along separate transmission corridors. Two 230 kV transmission lines will be built, owned and operated by NPC and will interconnect Western Area Power Administration's (Western) Mead Switchyard and NPC's Equestrian substation. The other two 230 kV transmission lines will be built, owned and operated by the Colorado River Commission (CRC) and will interconnect Mead substation with CRC's Newport and Eastside substations. Each 230 kV tower line will accommodate two 230 kV circuits, one owned by NPC and one owned by CRC. NPC will also construct a 230 kV line from Equestrian substation to its Faulkner substation. A substation reactor needed to mitigate fault duty at Western's Mead 230 kV bus will also be installed. All permitting and easement issues for this project have been acquired.
5.	Generation:	There is no new generation associated with this project.

B. Cost

The estimated cost for NPC's share of the River Mountains Project is $ 40.4 million.

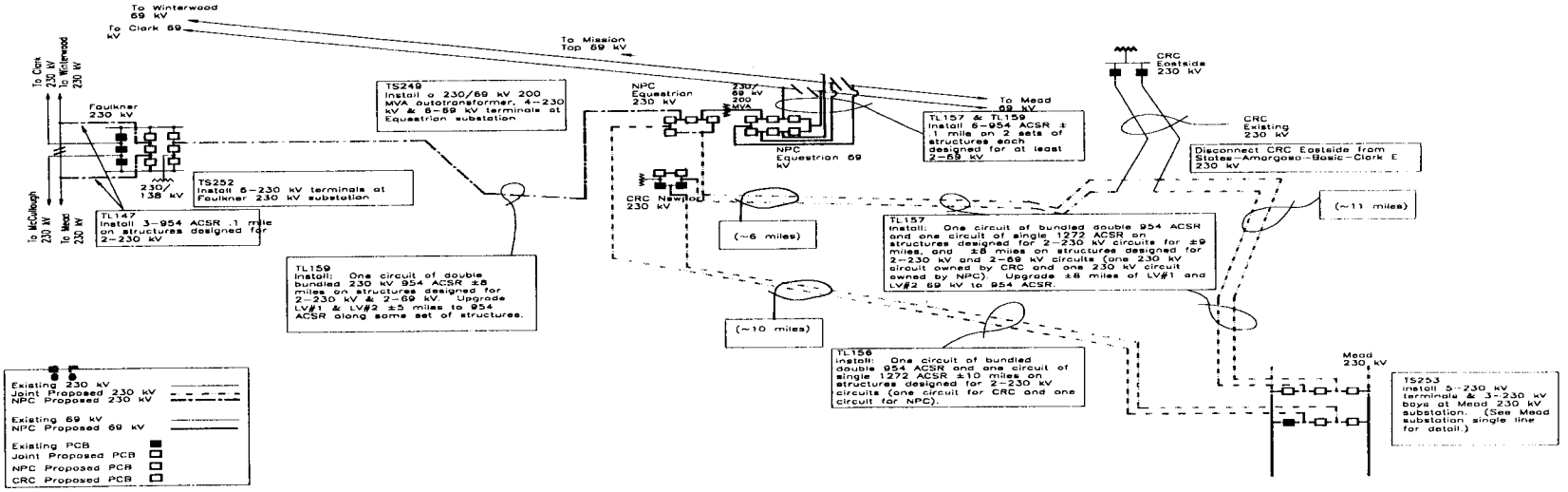
C Anticipated In-service Date

The scheduled in-service date for this project is June 2001.

D. Impact on Grid Capacity

The affect of the project on Nevada Power's control system import capability will allow the increase from an expected 3075 MW in 2000 to about 3425 MW in 2001. The project is anticipated to have minimal impacts on the regional transmission system. All portions of this project will be designed and operated to meet or exceed WSCC Reliability Criteria for Transmission System Planning and the Nevada Power Reliability Criteria

Figure 3
River Mountains Project



Faulkner-Tolson 230 kV Transmission Project

A. Project Description

1.	Name:	Faulkner-Tolson 230 kV Transmission Project
2.	Participants	Nevada Power Company
3.	One-Line Diagram:	See Figure 4.
4.	Facilities:	The scope of the project is a new 230 kV line from NPC's Faulkner substation to NPC's Tolson substation. This line will be approximately 6.5 miles long, with approximately 1.5 miles of it installed underground.
5.	Generation:	There is no new generation associated with this project.

B. Cost

The estimated cost for this project is $ 8.5 million.

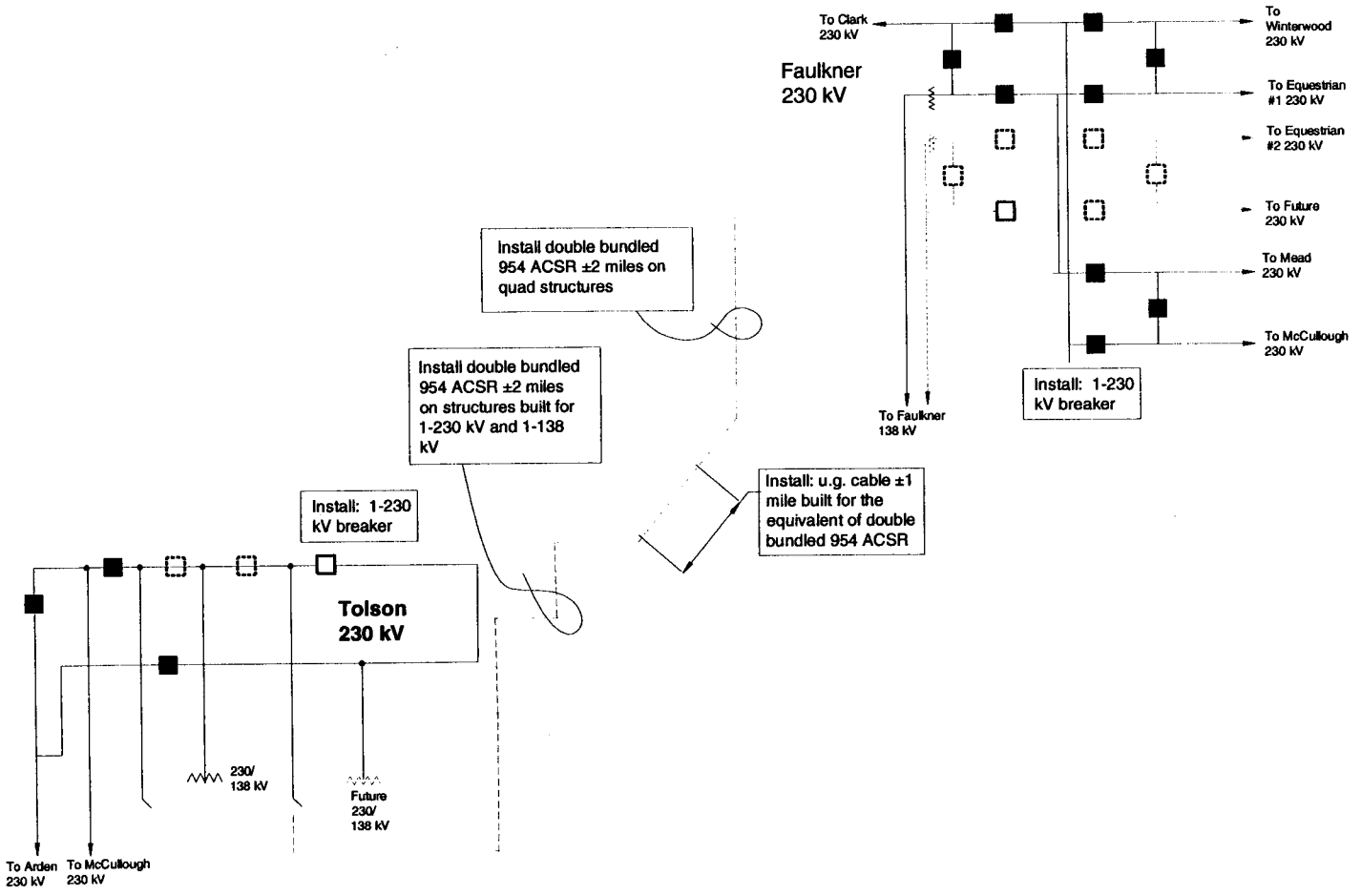
C. Anticipated In-service Date

The scheduled in-service date for this project is June 2003.

D. Impact on Grid Capacity

The effect of the project on Nevada Power's control system import capability will allow the increase from an expected 3383 MW in 2002 to 3625 MW in 2003. The project is anticipated to have minimal impacts on the regional transmission system. All portions of this project will be designed and operated to meet or exceed WSCC Reliability Criteria for Transmission System Planning and the Nevada Power Reliability Criteria.

Figure 4
Faulkner-Tolson 230 kV Transmission Project



Arden-Tolson 230 kV Transmission Project

A. Project Description

1.	Name:	Arden-Tolson 230 kV Rebuild Transmission Project
2.	Participants	Nevada Power Company
3.	One-Line Diagram:	See Figure 5
4.	Facilities:	The scope of the project is to rebuild the existing Arden-Tolson 230 kV line from 954 ACSR conductor to 954 ACSS conductor. This line is approximately 7.3 miles long.
5.	Generation:	There is no new generation associated with this project.

B. Cost

The estimated cost for this project is $ 600,000.

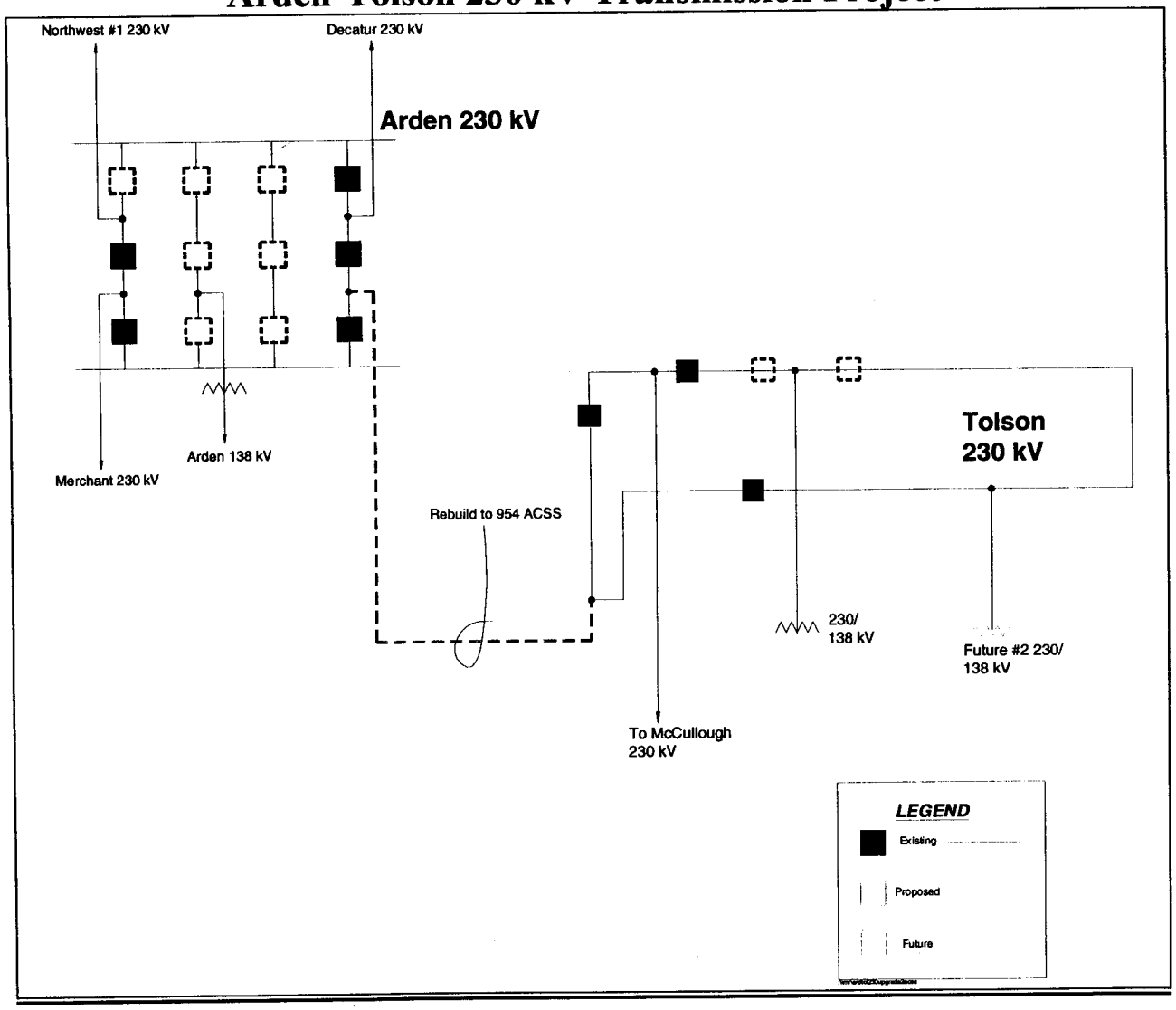
C. Anticipated In-service Date

The anticipated in-service date for this project is June 2003.

D. Impact on Grid Capacity

The effect of the project will be to increase NPC's ability to address Firm Transmission Service requests from various IPP's who wish to have delivery to Western's Mead substation. The project is anticipated to have minimal impacts on the regional transmission system. All portions of this project will be designed and operated to meet or exceed WSCC Reliability Criteria for Transmission System Planning and the Nevada Power Reliability Criteria.

Figure 5
Arden-Tolson 230 kV Transmission Project



Transmission Capacitor Additions

A. Project Description

1. Name:	Transmission Capacitor Additions
2. Participants	Sierra Pacific Power
3. One-Line Diagram:	See Figure 5.
4. Facilities:	The Transmission Capacitor Additions project will increase import capability into Northern Nevada. Approximately 180 Mvar of shunt capacitors are being added at four locations within and outside Sierra's control area at 230 kV and 120 kV voltages.

C. Cost

The estimated cost for the Transmission Capacitor Additions project is $ 2.7M.

C. Anticipated In-service Date

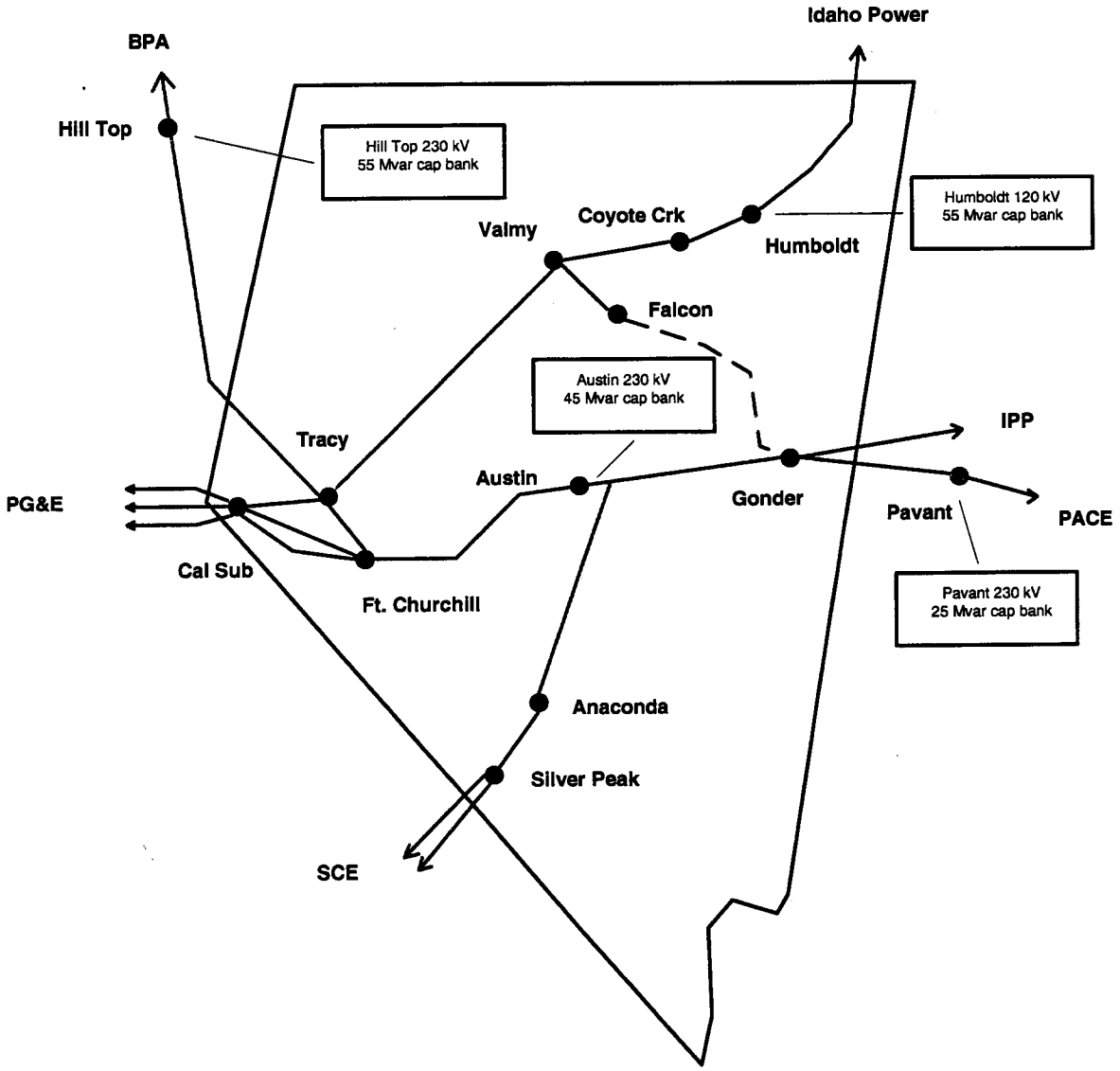
Anticipated in-service date for this project is summer 2001.

D. Impact on Grid Capacity

Because of increased load growth in Northern Nevada, the Transmission Capacitor Additions will increase import capability into Sierra's control area by 90 MW. No re-rating of existing facilities will be required.

Figure 5

Sierra Pacific Power Company
Transmission Capacitor Additions



BLK
3/13/01