

STRONGWELL[®]

STRONGWELL POWER POLE PROJECTS



Strongwell Power Pole Projects

Project Date (mo/yr): 1998, 2000, 2001

Project Name: Southern CA Edison – Various Sites

Poles: 14

Contact Information:

Bob Chavez

Civil Engineer - Transmission Engineering
2131 Walnut Grove Avenue
Rosemead, CA 91770
Business: 626-302-4502, 626-308-6155
Fax: 626-302-8208

Wally Zimmerman

Mgr. Operations & Construction Trans.
Santa Ana Region
Business: 714-973-5409

George D. Rodriguez

Manager-Tech Integration, T&D Business Unit
2131 Walnut Grove Avenue, GO-3, 3rd Floor
Rosemead, CA 91770
Business: 626-302-8682/Fax: 626-302-8208

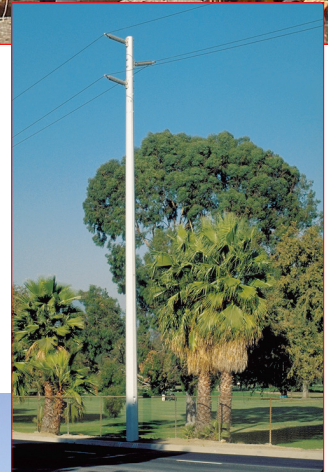
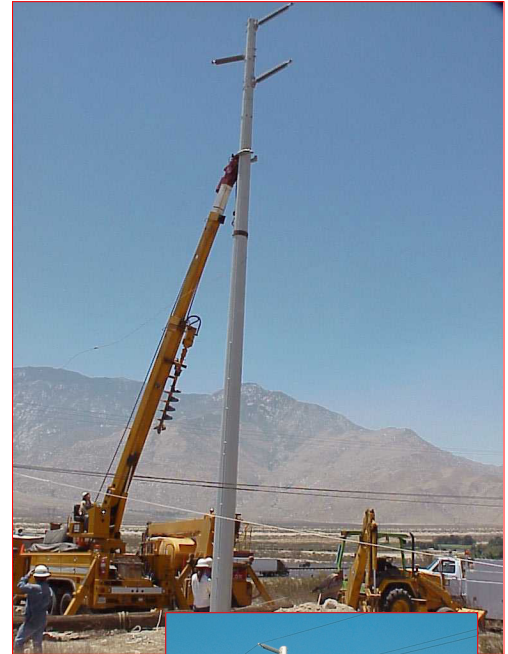
H. J. “Andy” Anderson

Supr of Planning & R/W, Northern Trans.
25207 Rye Canyon Rd.
Valencia, CA 91355
Business: 661-294-1591

KV: 115

Miscellaneous/Comments:

- SCE and Ebert Composites partnered in developing the SE28.
- The projects are referred to as: Gonzalez Road, Newland, Antelope and Walnut Grove.



Strongwell Power Pole Projects

Project Date (mo/yr): 08/99

Project Name: Bristol VA Utility Board – Transmission

Poles: 3

Contact Information:

Dan Harton

Project Engineering Manager
300 Lee Street
Bristol, VA 24203
Business: 276-645-8701, Fax: 276-642-2020

Wes Rosenbalm

General Manager
300 Lee Street
Bristol, VA 24203
Business: 276-645-8701/Fax: 276-642-2020

KV: 69

Miscellaneous/Comments:

- Two poles were installed at a creek side site where access and terrain were considered difficult. The light weight characteristics of the SE28 pole were considered crucial.
- A 3rd pole had to be quickly installed on Interstate 81 as an emergency when overhead wires sagged dangerously close to traffic.



Project Date (mo/yr): 09/99

Project Name: Allegheny Power-Sports Lighting

Poles: 16

Contact Information:

Alan Fleissner

General Manager

Power Transmission

800 Cabin Hill Dr.

Greensburg, PA 15601

Business: 724-838-6817/Fax: 724-838-6009

KV: N/A

Miscellaneous/Comments:

- Design requirements called for FRP structures.
- The SE28 satisfied both the design and installation requirements.



Strongwell Power Pole Projects

Project Date (mo/yr): 06/00-07/00

Project Name: Bristol TN Electric System – Phase I

Poles: 35

Contact Information:

Kenneth King

Operations Manager
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5540
Fax: 423-793-5545

Mary Seneker

Systems Engineer
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5537
Fax: 423-793-5545

Dr. Mike Browder

General Manager
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5530
Fax: 423-793-5545

David Hacker

Systems Engineer
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5548
Fax: 423-793-5545

KV: 69

Miscellaneous/Comments:

- Speed of delivery and construction were two reasons Strongwell won this project.
- This is a 69 kV transmission line with distribution underbuild.



Strongwell Power Pole Projects

Project Date (mo/yr): 10/00, 1/01, 1/02

Project Name: Bristol VA Utility Board – Sports Lighting

Poles: 28

Contact Information:

Dan Harton

Project Engineering Manager
300 Lee Street
Bristol, VA 24203
Business: 276-645-8701
Fax: 276-642-2020

Wes Rosenbalm

General Manager
300 Lee Street
Bristol, VA 24203
Business: 276-645-8701
Fax: 276-642-2020

KV: N/A

Miscellaneous/Comments:

- The speed of delivery, ease of installation, low maintenance and long life of the SE28 poles are a favorite of BVUB.



Project Date (mo/yr): 01/01-07/01

Project Name: Bristol TN Electric System – Phase II

Poles: 109

Contact Information:

Kenneth King

Operations Manager
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5540
Fax: 423-793-5545

Mary Seneker

Systems Engineer
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5537
Fax: 423-793-5545

Dr. Mike Browder

General Manager
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5530
Fax: 423-793-5545

David Hacker

Systems Engineer
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5548
Fax: 423-793-5545

KV: 69

Miscellaneous/Comments:

- Line crews were very pleased with how easily the SE28 poles could be installed.
- BTES management considered the installed costs to be quite favorable.



Project Date (mo/yr): 08/01

Project Name: TVA – Kingsport

Poles: 2

Contact Information:

David Till

Operations Manager
2107 West Market Street
Johnson City, TN 37604
Business: 423-434-8780
Fax: 423-341-4102

David Baxter

Specialist, Supplier & Diverse Business
Relations, Procurement
4200 Greenway Dr., GRN-2E
Knoxville, TN 37918
Business: 423-673-2452
Fax: 423-673-2424

Terry Boston

Executive Vice President
Refer to David Baxter

Joan Dodd

1101 Market Street
Chattanooga, TN 37402
Business: 423-751-4032
Fax: 423-751-6083

Cleston Jones

Vice President of Transmissions
Business: 865-673-2404



KV: 69

Miscellaneous/Comments:

- The SE28 was used as a direct replacement for wooden poles.
- Being installed in rugged terrain, the light weight characteristic was a real advantage.

Project Date (mo/yr): 08/01

Project Name: VA Power

Poles: 5

Contact Information:

Sherrill Crenshaw

Transmission Engineer, Bulk Power
Delivery
2400 Grayland Avenue
Richmond, VA 23220-5213
Business: 804-257-4092
Fax: 804-257-4889

Mark Allen

Manager – Bulk Power Engineering
– Transmission
2400 Grayland Avenue
Richmond, VA 23220-5213
Business: 804-257-4057
Fax: 804-257-4889

B.W. “Bernie” Ferguson III

Transmission Engineer, Bulk Power
Delivery
2400 Grayland Avenue
Richmond, VA 23220
Business: 804-257-4076
Fax: 804-257-4889

KV: N/A



Miscellaneous/Comments:

- Fiber Optic application
- Installed near a substation among high voltage transmission lines. Was not necessary to interrupt power.
- Soil conditions were very challenging.
- Low conductivity and light weight characteristics were integral to success.

Strongwell Power Pole Projects

Project Date (mo/yr): 09/02

Project Name: TVA – Helicopter Installation

Poles: 2

Contact Information:

David Till

Operations Manager
2107 West Market Street
Johnson City, TN 37604
Business: 423-434-8780
Fax: 423-341-4102

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KV: 69

Miscellaneous/Comments:

- TVA saved thousands of dollars in construction costs because the SE28 is light enough to be erected with a light duty versus a heavy duty helicopter.



Strongwell Power Pole Projects

Project Date (mo/yr): 03/03

Project Name: Bristol TN Electric System –
Beaver Creek Road

Poles: 58

Contact Information:

Kenneth King
Operations Manager
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5540
Fax: 423-793-5545

Mary Seneker
Systems Engineer
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5537
Fax: 423-793-5545

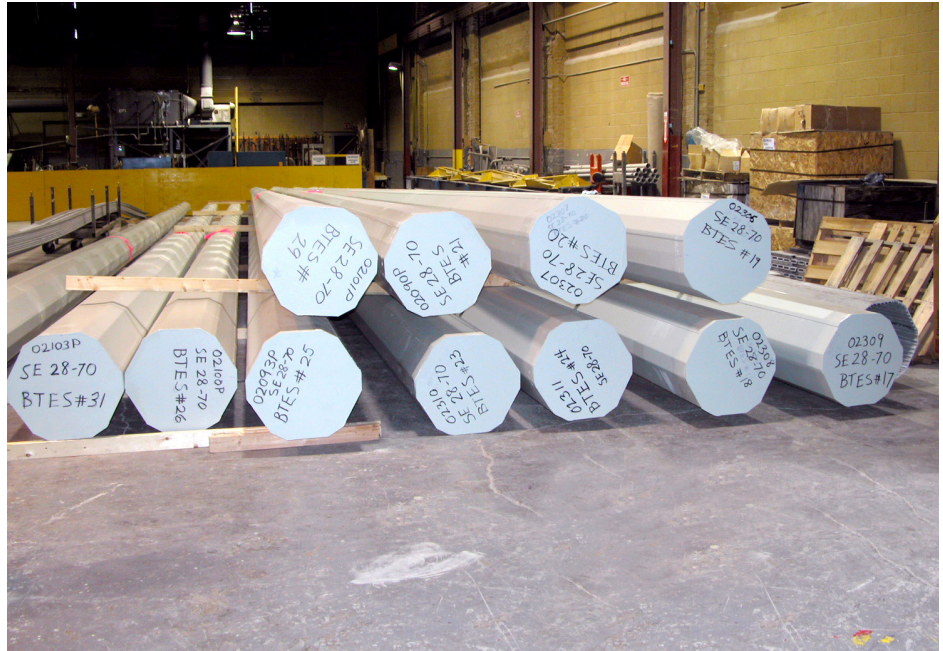
Dr. Mike Browder
General Manager
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5530
Fax: 423-793-5545

David Hacker
Systems Engineer
2470 Volunteer Parkway
Bristol, TN 37620
Business: 423-793-5548
Fax: 423-793-5545

KV: 69

Miscellaneous/Comments:

- BTES awarded Strongwell this project due to aesthetics, versatility and our previous service.



Strongwell Power Pole Projects

Project Date (mo/yr): 08/02

Project Name: American Electric Power – Pole Prototyping

Poles: 1

Contact Information:

Archie Pugh

Engineer Transmission
Capital Improvements
1800 Loch Haven
Meter & Stores Building
Roanoke, VA 24019
Business: 540-562-7055
Fax: 540-562-7050

KV:

Miscellaneous/Comments:

- Sponsor of AEP/TVA Pole Testing day held at Strongwell.



Project Date (mo/yr): 09/02

Project Name: TVA – Oakridge

Poles: 1

Contact Information:

David Till

Operations Manager
2107 West Market Street
Johnson City, TN 37604
Business: 423-434-8780
Fax: 423-341-4102

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KV:

Miscellaneous/Comments:

- Department of Energy – ORNL Composite Materials for Electrical Utilities Project.

