



T/L 214 James River Crossing

Newport News, Virginia

Overview

In 2015, Dominion Energy upgraded the electrical towers on the James River Crossing transmission line that is critical for the power demands of the Virginia Peninsula. At the same time, Dominion installed a higher capacity fender system to protect the towers in one of the busiest shipping channels in Virginia. FiberPILE was selected for its superior energy absorption and corrosion resistance.

Pilings

Diameter (in.)	Wall Thickness (in.)	Length (ft.)	Quantity
30	1	85	36
30	1.5	85	2
18	.75	80	18

Installation

Owner: Dominion Energy
 Engineer: GAI
 Contractor: W.F. Magann
 Installation Date: June 2015

Wales

Wale Type: FRP box shape molded to tight radius of fender
 Wale Splices: FRP box

