

addline_BAIN-ZION_345-kv[1].idv

```
TEXT
TEXT *****
TEXT * Filename: SE-WI_Bain-Zion345.idv *
TEXT * Filetype: ver30 IDEV *
TEXT * Date: 10/28/08 *
TEXT * Author: T. Dagenais *
TEXT *
TEXT * This IDEV created based off of <ASI_P4_area_project.idv> created by *
TEXT * Dave Cullum for the Paddock-Rockdale economic analysis. Project is *
TEXT * modified to include only a new 345 kv bus tie at Bain and a 345 kv *
TEXT * line from Zion Energy Center to Bain. 345 conversion of Oak Creek *
TEXT * to Racine eliminated, 345 kv line from Racine-Bain eliminated, and *
TEXT * line termination of Zion EC - Pleasant Prairie moved to Bain. *
TEXT *
TEXT * Updated bus numbers to match ver30 (JCSP power flow case) *
TEXT *
TEXT * Project - Construct Bain 345 kv bus with bus tie. *
TEXT *
TEXT * - Construct new 345 kv from Bain bus 2 to Zion Energy *
TEXT * Center to form new Bain-Zion Energy Center 345 kv line. *
TEXT * Ratings set to match existing PLP-ZION 345 kv line 2221. *
TEXT * Impedance calculated using the 2156 ACSR 84/19 attached to *
TEXT * structure type OH-66-345 as a proxy for 6 miles. *
TEXT * WI/IL border to Zion Energy Center - 2.0 miles *
TEXT * Line 2221 from PLP to WI/IL border - 3.5 miles *
TEXT * Using 6 miles, r= 0.00023, x=0.00383, b=0.03991 pu *
TEXT *
TEXT *****
TEXT
RDCH
1
0 /* End of Bus Data
0 /* End of Load Data
0 /* End of Generator Data
699423,699420,1,0.00000,0.00003,0.00000,1195,1195,1195,,,,,1 /* BAN 345 KV
Bus Tie 1-2 (new bus with bus tie)
699423,37647,1,0.00023,0.00383,0.03991,1096,1096,1434,,,,,1 /* BAIN-ZEC
10-28-08, TJD
0 /* End of Non-Transformer Branch Data
q
@END
```