



SpinGraph Deluxe Upgrade

“This is the most robust data management system on the market today!”

Spinlab pioneered the development of graphical report generation software with SpinGraph in 1998. Now we have improved on perfection with the creation of SpinGraph Deluxe. This software comes standard with all 6000 Bird Dog Plus units, but anyone with an older version of SpinGraph can upgrade to the new SpinGraph Deluxe. These are some of the many additional features that you will receive with the upgrade:

- Print Preview—Shows you exactly what the report will look like before you print it (see below)
- E-mail Reports—Using Outlook or Outlook Express, you can e-mail reports directly from SpinGraph
- Data Flagging—To show when your user defined values are out of range
- Save reports in .pdf format
- Notes for locations—Write as long a note as you want for each location in your database
- Automatic calculation of rated ratios
- Improved User Interface: Toolbar, font style and color, user definable frames & shading color
- Full editing capability of data while keeping data integrity

Print Preview

Print Save Email Close

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System (Meter & Meter Circuit)
Red Roof Inn

Location: M3403 Meter Type: Form 9, 4 Wire Wye (3S-3IC)
Date: 9/8/2006 Rotation: CBA
Comment: Screen: Composite

Phase	A	B	C	System
Time	14:50:07	14:50:08	14:50:08	System
General				
Vs	276.9	276.8	277.9	
Is	1.372	1.190	1.213	
Ip	223.7	191.7	203.9	
Vs-a-b	28.8	26.7	29.1	
Is-a-b	358.7	0.1	350.4	
Vs-a-c	0.0	240.2	119.8	
Vs-b-c	28.8	266.9	149.0	
Vs-a-p	29.2	308.8	158.5	
Harmonics				
THD Voltage%	2.0	2.0	2.0	
THD Current%	6.2	7.3	6.5	
Power				
KVA	0.33093	0.28018	0.297614	0.916662
KVAR	0.183068	0.181087	0.162662	0.489418
KVA	0.378191	0.328241	0.335679	1.039045
True PF	0.876 lg	0.894 lg	0.887 lg	0.882 lg
Disp PF	0.876 lg	0.876 lg	0.873 lg	0.875 lg
Meter Verification				
Bird Dog (KVAh)				0.0090472
Meter (KVAh)				0.0090000
Time (seconds)				35.30
P or R to Test				5
WH				1.80
PIR setting				1
KVAh				0.0102038
Sensor Type				LM847
%Accuracy				99.6%
Favors				Customer
Meter Circuit				
Ratio Ratio	*800*	*800*	*800*	
Ratio No Burden	815.19	808.43	840.59	
Rated Burden	1.0	1.0	1.0	
Burden Result	As Rated	As Rated	As Rated	
%Accuracy	98.1	99.3	95.2	97.6%
Favors	Customer	Customer	Customer	Customer
System Accuracy (Meter & Meter Circuit Combined)				
%Accuracy				97%
Favors				Customer
Gain/Loss				(0.6%)
				per 12 months

Vector Plot

Ratio Burden Graph

Accuracy Summary

M3403

9/8/2006 This site looks good on the surface, but on phase C we have a magnetized CT. You can tell it is magnetized because of the Ratio @ 0 Burden is in Red and the WV Ip-Is phase angle is 350 degrees instead of being closer to zero. We will have to bring out the demag circuit to take care of this.

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