

A CMS Energy Company

www.consumersenergy.com

March 14, 2007

Michigan Electric Transmission Company, LLC C/O NSI Consulting & Development, Inc. 26657 Woodward Ave., Suite 100 Huntington Woods, MI 48070

Attention: Executive Vice President and Chief Operating Officer

SUBJECT: Single Phase, 4800 Volt Distribution line Reference No: 06654291/Sage/Gladwin/Hall

REFERENCE: Amended and Restated Easement Agreement (the "Agreement") dated April 29, 2002, between Consumers Energy Company ("Consumers") and Michigan Electric Transmission Company, now Michigan Electric Transmission Company, LLC ("METC")

Pursuant to Section 7.1 of the Agreement, Consumers hereby notifies METC that Consumers intends to construct a single phase distribution line on certain land in which METC has an interest under the Agreement. The location of the land on which said line will be constructed, and a further description of the intended use, are set forth-on "Annex A", attached to this letter.

Under said Section 7.1 of the Agreement, METC must within 30 days of this notice notify Consumers, as "Initiating User," of whether or not METC approves the proposed use as a Compatible Use. If you do not notify us either way within 30 days of this notice, then, as provided in said Section 7.1, METC will be deemed to have approved the proposed use as being a Compatible Use. We would appreciate, however, receiving METC's express approval of the proposed use as being a Compatible Use as soon as possible so that we can start work without delay.

March 14, 2007 Page Two

Reference No: 06654291/Sage/Gladwin/Hall

This letter is being sent to you in duplicate. If METC agrees that the proposed use is a Compatible Use, please indicate that by signing and returning a copy of this letter to us as soon as possible, so that we can immediately proceed with construction. The other copy is for your records.

Very truly yours,

Stacie Lahr

Consumers Energy One Energy Plaza Jackson, MI 49201

APPROVED:

MICHIGAN ELECTRIC TRANSMISSION ,
MICHIGAN ELECTRIC TRANSMISSION COMPANY, LLC
By: Berow Reitself APPROVED APR 1 3 2007
Date:

ANNEX A

Reference No: 06654291/Sage/Gladwin/Hall

LAND TO BE IMPACTED:

Land located in the Township of Sage, County of Gladwin, State of Michigan, described as follows:

That part of the Southwest 1/4 of Section 15, Township 19 North, Range 2 West.

PROPOSED USE:

Install a distribution line. New distribution will cross under an existing transmission line. The distance below transmission is 10 feet. See attached 391 form, drawing, and plan and profile for details.

Prepared by: Stacie M Lahr 03/14/07 Consumers Energy Company EP7-436 One Energy Plaza Jackson, MI 49201



CU-255



Date:

April 13, 2007

To:

Barbara Mention/Fernando Guevara

Real Estate and Rights of Way

ITC

From:

Ashley DuPree

Engineering

ITC

Subject:

UGL071131/CU-255

06654291/Sage/Gladwin/Hall

Single Phase, 4800 Volt Distribution Line Pole Attachment

This request is hereby approved

Approved

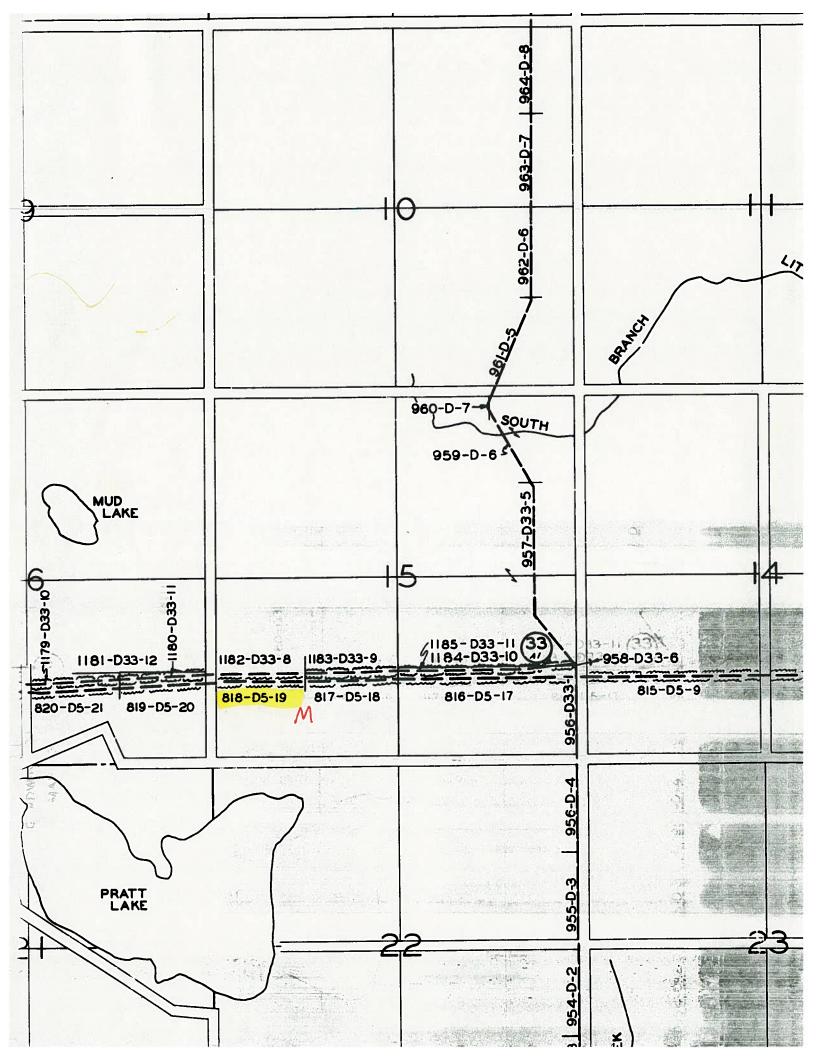
David Doubley Engineer

CONSUMERS ENERGY

NOTIFICATION OF PROPOSED LINE CONSTRUCTION REQUIRING COORDINATION WITH HVD AND/OR TRANSMISSION LINES

Send two (2) copies to: Transmission Lines Design and Standards		TO BE FILLED IN BY SYSTEM OWNER / ENGINEER / CES		
Att: Justin Lancaster		Headquarters Gladwin		
Jackson, Michigan		Work Order No. <u>06654291</u> Date <u>03/09/2007</u>		
PROPOSED DISTRIBUTION C	ONSTRUCTION			
Sketch Attached	□ No	PROPOSED COMMUNICATION CONSTRUCTION TO BE FILLED IN BY FIELD TECHNICIAN		
Voltage 4800V	Phase Single	Cable Dia		
No. of Wires 2		A Company of the Comp		
Wire Size #4 ACSR		VV Olgitoric		
Distance Below Transmission 10'				
Skip-Span	⊠ No	Pole Attachment Height		
Secondary:		Map # Pole #		
No. of Wires N/A	Wire Size N/A			
Other Details:				
		TO BE FILLED IN BY TRANSMISSION LINES DESIGN AND STANDARDS OR METC		
EXISTING DISTRIBUTION FAC	ILITIES			
Description:		Clearance/Attachment Approved		
LOCATION		Clearance/Attachment NOT Approved		
LOCATION Township Sage		Clearance requires further verification with Power System Analysis	☐ Yes ☐ No	
County Gladwin		Structural Integrity - Engineering Required Yes No		
Town 19 Range 02	Section 15	Calculated assuming STE rating of	°F Cond Temp	
Transmission Line Involved G		Checked By Date		
Transmission Pole No. 1005		GWO No.		
		<u>METC Line</u>		
REMARKS:				
Prepared By Rob Hall System Planning and Performance / Electric Services		Date <u>03-09-07</u>	Date <u>03-09-07</u>	
	ystem Planning and Performance / E	electric Service		
Reviewed By Transmission Lines Design and Sta		Date		
Deviewed By				
Reviewed By	METC	Date		

METC lines are subject to the easement rights of METC. Your request has been forwarded to Real Estate for processing and will require a <u>30-day</u> period prior to approval.



LINE NAME: 5S -- #992 TO #1031 (BARD RD-GALLAGHER)
STRUCTURE #: 1004 ORDER: 402

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

TL0019131 1

REMARKS:

GUYING: INSTALL SIDE GUYS PER SDM-E25098, FIG 35. 1-11.5K DOWN 30' N & S TO 8" POWER SCREW PER

SDM-E25098, SH 9, FIG 17. 3 SHEAR PINS. INSTALL GUY GUARD ON EACH GUY

LINE NO/LTR: 5S STRUCT #: 1004 OP VOLTAGE: 138 STN/EQ: 124.03 BACK SPAN: 500.00

DEFLECTION:
TYPE: WOOD POLE

POLE HT: 70
POLE CLASS: 2
CONST TYPE: SA

ELEVATIONS

CON LIST

DWG

GROUNDLINE: SETTING:

CENTERLINE:

T13801573 68

SHT LTR FIG REV

CONDUCTORS

LINE 5S

TYPE: 477 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:

NUM SHT LTR FIG REV

ASSY: TL0019006 1

DAMPERS: T13802434

SAG: T13802276 1

SPACER RMKS:

REMARKS

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)

GROUND WIRE

LINE 5S

TYPE: 5/16 GALV STEEL

DRAWINGS:

NUM SHT LTR FIG REV

ASSY: TL0019091 1 2

SAG: T13802277 1

REMARKS

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

GENERAL REMARKS

125.25 CL CREEK

LOCATION

PROP OWNER: B. SMITH

PARCEL NO: 13
REMARKS:

RIGHT-OF-WAY:

COUNTY: GLADWIN TOWNSHIP: SAGE

TOWN/RANGE: T19N,R02W

SECTION: 15

REVISION

LETTER: B GWO:

RS NO:

NOTES: ADDED VIBRATION DAMPERS AT STRUCTURES #1007, #1005 AND #1003. (PJK,JL)

REV DESIGNER:

REVISION DATE: 10/15/1980

DESIGNER: PJKESTNER
ENGINEER: BRENT OTTINGER
ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN
DEPT HEAD: BDBUGBEE

LINE NO/LTR: 5S STR ORDER: 402 STRUCT #: 1004 LINE NAME: 5S -- #992 TO #1031 (BARD RD-GALLAGHER) STRUCTURE #: 1005 ORDER: 403

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

TL0019132

REMARKS:

GUYING: INSTALL SIDE GUYS PER SDM-E25098, SH 4, FIG 35. 1-11.5K DOWN 30' N & S TO 8" POWER SCREW

PER SDM-E25098, SH 9, FIG 17. 3 SHEAR PINS. INSTALL GUY GUARD ON EACH GUY

LINE NO/LTR: STRUCT #: OP VOLTAGE:

TYPE:

ELEVATIONS

CON LIST

DWG

GROUNDLINF: SETTING:

CENTERLINE:

T13801573 68

58 1005 138

SHT LTR FIG

RE

WOOD POLE

STN/EQ: 119.03 BACK SPAN: 500.00 DEFLECTION: 0° 5' 0" LT

POLE HT: 75 POLE CLASS: 2 CONST TYPE: DAS

CONDUCTORS

LINE 5S

TYPE: 477 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:

NUM SHT LTR FIG REV

ASSY: TL0019006

DAMPERS: T13802434

SAG: T13802276

SPACER RMKS:

REMARKS

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)

ADD ONE VIBRATION DAMPER PER COND PER SPAN ON EACH SIDE OF POLE #1005 (6 PER STRUCTURE)

1

PER T13802434

GROUND WIRE

LINE 5S

TYPE: 5/16 GALV STEEL

DRAWINGS:

SHT LTR FIG NUM REV

ASSY: TL0019091 2

SAG: T13802277

REMARKS

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

GENERAL REMARKS

119.03 - 143.87 SWAMP CAUTION: BURIED TELEPHONE CABLE IN EAST ROAD

SHOULDER

LOCATION

PROP OWNER: B. SMITH

PARCEL NO: 13

REMARKS:

RIGHT-OF-WAY:

COUNTY: GLADWIN

TOWNSHIP: SAGE

TOWN/RANGE: T19N,R02W

SECTION: 15

REVISION

LETTER: B

GWO:

RS NO:

NOTES:

ADDED VIBRATION DAMPERS AT STRUCTURES

#1007, #1005 AND #1003. (PJK,JL)

REV DESIGNER:

REV ENGINEER:

REVISION DATE: 10/15/1980

DESIGNER: PJKESTNER

ENGINEER: BRENT OTTINGER ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN DEPT HEAD: BDBUGBEE

> LINE NO/LTR: 58 STR ORDER: 403 STRUCT #: 1005

LINE NAME: 5S -- #992 TO #1031 (BARD RD-GALLAGHER) STRUCTURE #: 1006 ORDER: 404

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

TL0019131 1

REMARKS: INSTALL HEAVY SWAMP FIXTURE PER SDM-E25153-1.

GUYING:

LINE NO/LTR: 58 STRUCT #: 1006 OP VOLTAGE: 138 STN/EQ: 113.68 BACK SPAN 535.00

DEFLECTION:

TYPE: POLE HT: WOOD POLE

70 POLE CLASS: 2 CONST TYPE: SA

CONDUCTORS

LINE 5S

TYPE: 477 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:

NUM SHT LTR FIG REV

ASSY: TL0019006 1

DAMPERS: T13802434

SAG: T13802276 1

SPACER RMKS:

REMARKS

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)

ELEVATIONS

GROUNDLINE: SETTING: CENTERLINE:

SWAMP FIXT

DWG SHT LTR FIG REV SDM025153 1

CON LIST

DWG SHT LTR FIG REV T13801573 68

GROUND WIRE

LINE 5S

TYPE: 5/16 GALV STEEL

DRAWINGS: NUM

SHT LTR FIG REV

ASSY: TL0019091 1 2

SAG: T13802277 1

REMARKS

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

GENERAL REMARKS

115.57 CL CREEK 118.38 ROAD FENCE

118.68 CL SHAW RD AND SEC LINE

LOCATION

PROP OWNER: E. BROWN

PARCEL NO: 12 REMARKS:

RIGHT-OF-WAY:

COUNTY: GLADWIN TOWNSHIP: SAGE

TOWN/RANGE: T19N,R02W

SECTION: 16

REVISION

LETTER: B

GWO: RS NO:

NOTES: ADDED VIBRATION DAMPERS AT STRUCTURES

#1007, #1005 AND #1003. (PJK,JL)

REV DESIGNER:

REV ENGINEER:

REVISION DATE: 10/15/1980 DESIGNER: PJKESTNER

ENGINEER: BRENT OTTINGER

ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN DEPT HEAD: BDBUGBEE

> LINE NO/LTR: 55 STR ORDER: 404 STRUCT #: 1006

LINE NAME: 5S -- #992 TO #1031 (BARD RD-GALLAGHER)
STRUCTURE #: 1007 ORDER: 405

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

TL0019132 1

REMARKS: GUYING: LINE NO/LTR: 5S STRUCT #: 1007 -OP VOLTAGE: 138 STN/EQ: 108.33

BACK SPAN: 535.00 DEFLECTION:

TYPE: WOOD POLE

SHT LTR FIG REV

POLE HT: 80
POLE CLASS: 2
CONST TYPE: DAS

ELEVATIONS

CON LIST

DWG

GROUNDLINE: SETTING:

CENTERLINE:

T13801573 68

CONDUCTORS

LINE 5S

TYPE: 477 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:

NUM SHT LTR FIG REV

ASSY: TL0019006 1

DAMPERS: T13802434

SAG: T13802276 1

SPACER RMKS:

REMARKS

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)
ADD ONE VIBRATION DAMPER PER COND PER SPAN ON EACH SIDE OF POLE #1007 (6 PER STRUCTURE)
PER T13802434

1

GROUND WIRE

LINE 5S

TYPE: 5/16 GALV STEEL

DRAWINGS:

NUM SHT LTR FIG REV

ASSY: TL0019091 1 2

SAG: T13802277 1

REMARKS

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

GENERAL REMARKS

110.00 - 118.00 SWAMP

LOCATION

PROP OWNER: E. BROWN

PARCEL NO: 12
REMARKS:

RIGHT-OF-WAY:

COUNTY: GLADWIN TOWNSHIP: SAGE TOWN/RANGE: T19N,R02W

SECTION: 16

REVISION

LETTER: B

RS NO:

NOTES: ADDED VIBRATION DAMPERS AT STRUCTURES

#1007, #1005 AND #1003. (PJK,JL)

REV DESIGNER: REV ENGINEER:

REVISION DATE: 10/15/1980

DESIGNER: PJKESTNER
ENGINEER: BRENT OTTINGER
ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN DEPT HEAD: BDBUGBEE

LINE NO/LTR: 5S STR ORDER: 405 STRUCT #: 1007 LINE NAME: 5S -- #992 TO #1031 (BARD RD-GALLAGHER) STRUCTURE #: 1008 ORDER: 406

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

TL0019132 1

REMARKS: **GUYING:**

LINE NO/LTR: 58 STRUCT #: 1008 OP VOLTAGE: 138 STN/EQ: 102.98 BACK SPAN: 535.00

DEFLECTION: TYPE:

ELEVATIONS

CON LIST

DWG

GROUNDI INF: SETTING:

CENTERLINE:

T13801573 69

WOOD POLE

SHT LTR FIG REV

POLE HT: 80 POLE CLASS: 2 CONST TYPE: DAS

CONDUCTORS

LINE 5S

TYPE: 477 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:

NUM SHT LTR FIG REV

ASSY: TL0019006 1 1

DAMPERS: T13802434

SAG: T13802276

SPACER RMKS:

REMARKS

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)

GROUND WIRE

LINE 5S

TYPE: 5/16 GALV STEEL

DRAWINGS:

SHT LTR FIG REV NUM

ASSY: TL0019091 1 2

SAG: T13802277

REMARKS

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

GENERAL REMARKS

103.90 CL DRIVE 105.56 P/L FENCE 107.00 - 108.40 SWAMP

LOCATION

PROP OWNER: J. MCBAIN

PARCEL NO: 11 REMARKS:

RIGHT-OF-WAY:

COUNTY: GLADWIN TOWNSHIP: SAGE TOWN/RANGE: T19N,R02W

SECTION: 16

REVISION

LETTER: B GWO:

RS NO:

NOTES:

ADDED VIBRATION DAMPERS AT STRUCTURES #1013,

AND #1009. (PJK,JL)

REV DESIGNER:

REV ENGINEER:

REVISION DATE: 10/15/1980

DESIGNER: PJKESTNER **ENGINEER: BRENT OTTINGER**

ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN DEPT HEAD: BDBUGBEE

> LINE NO/LTR: 58 STR ORDER: 408 STRUCT #: 1008

LINE NAME: 5S - #992 TO #1031 (BARD RD-GALLAGHER)

STRUCTURE #: 1009 ORDER: 407

STRUCTURE

DWG SHT LTR FIG REV COMMENTS

TL0019132

REMARKS: GUYING: : 407

STRUCT #: 1009 OP VOLTAGE: 138 STN/EQ: 97.63 BACK SPAN: 535.00

58

WOOD POLE

SHT LTR FIG REV

DEFLECTION:

LINE NO/LTR:

TYPE: POLE HT:

ELEVATIONS

CONLIST

DWG

GROUNDLINE: SETTING:

CENTERLINE:

T13801573 69

POLE HT: 75
POLE CLASS: 2
CONST TYPE: DAS

CONDUCTORS

LINE 5S

TYPE: 477 KCMIL ACSR

DES VOLTAGE: 138

DRAWINGS:

NUM SHT LTR FIG REV

ASSY: TL0019006 1

DAMPERS: T13802434 SAG: T13802276 1

SPACER RMKS:

REMARKS

5S: SAG 477 KCMIL ACSR COND FROM POLE 704 TO 1031 PER T13802276 SH 1 (6500#MT)
ADD ONE VIBRATION DAMPER PER COND PER SPAN ON EACH SIDE OF POLE #1009 (6 PER STRUCTURE)
PER T13802434

1

GROUND WIRE

LINE 5S

TYPE: 5/16 GALV STEEL

DRAWINGS:

NUM SHT LTR FIG REV

ASSY: TL0019091 1 2

SAG: T13802277 1

REMARKS

5S: SAG 5/16" ST GW FROM POLE 704 TO 1031 PER T13802277 SH 1 (3105#MT)

GENERAL REMARKS

LOCATION

PROP OWNER: J. MCBAIN

PARCEL NO: 11 REMARKS: RIGHT-OF-WAY:

COUNTY: GLADWIN TOWNSHIP: SAGE TOWN/RANGE: T19N,R02W

SECTION: 16

REVISION

LETTER: B
GWO:

RS NO:

NOTES: ADDED VIBRATION DAMPERS AT STRUCTURES #1013, #1011

AND #1009. (PJK,JL)

REV DESIGNER: REV ENGINEER:

REVISION DATE: 10/15/1980
DESIGNER: PJKESTNER

ENGINEER: BRENT OTTINGER ENGINEER DATE: 3/10/1980

DIVISION HEAD: PAMULHEARN DEPT HEAD: BDBUGBEE

LINE NO/LTR: 5S STR ORDER: 407 STRUCT #: 1009