HOUSE COMMITTEE ON ENERGY & TECHNOLOGY

MAY 20, 2014

James E. Byrum

HOUSE BILL 5555

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YIELD PER ACRE

Projected Michigan Corn Yields*

Year	1970	1990	2010	2015	2020	2025
Yield	81	115	150	180	230	250

Projected Michigan Soybean Yields*

Year	1970	1990	2010	2015	2020	2025
Yield	27	38	45	48	57	65

Projected Michigan Wheat Yields*

Year	1970	1990	2010	2015	2020	2025
Yield	39	55	70	85	90	110

*Bushels per Acre, Source of historical data: USDA-Nass

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Corn	Acres Harvested	Yield[1]	Production[2]
1970	1,730,000	81	140,130,000
2013	2,650,000	156	413,400,000
Soybeans			
1970	515,000	26	13,390,000
2013	1,900,000	44	83,600,000
Wheat			
1970	495,000	39	19,305,000
2013	630,000	70	44,100,000
Total Bushels			
1970	2,740,000		172,825,000
2013	5,180,000		541,100,000

2013

[1] bushels/acre [2] bushels

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Corn	Acres	Yield[1]	Production[2]
2013	2,650,000	156	413,400,000
2025	2,662,000	250	666,500,000
Soybeans			
2013	1,900,000	44	83,600,000
2025	2,282,500	65	148,362,500
Wheat			
2013	630,000	70	44,100,000
2025	555,500	110	61,105,000
Total Bushels			
2013	5,180,000		541,100,000
2025	5,500,000		874,967,500

FUTURE

[1] bushels/acre [2] bushels

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INFRASTRUCTURE

Michigan Licensed Grain Storage Capacity*1

Year	1990	1995	2005
Storage Capacity*2	156,102,193	147,442,329	150,000,000*3
Number of Facilities	349	326	228

Year	2010	2012	2025
Storage Capacity*2	169,167,934	225,830,492	300,000,000
Number of Facilities	221	228	240

*1 Source Michigan Department of Agriculture and Rural Development
*2 Bushels
*3 Estimate

ADVANCING THE AGRICULTURAL SECTOR

Infrastructure Needs

» Fertilizer Storage and Handling

» Grain Receiving, Storage and Handling

» Transportation Needs

NATURAL GAS

- » NEW DEMAND
- » EXISTING DEMAND
  - » TAPPED OUT
  - » GROWTH LIMITED

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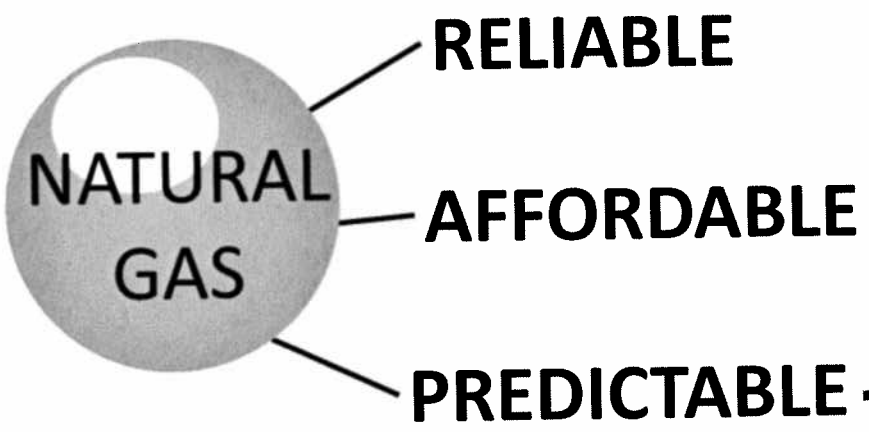

PROPANE

» MEMORY OF CHALLENGE LINGERS

» COST

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FUTURE

NATURAL GAS ACCESS
=
ECONOMIC DEVELOPMENT

NO GAS
=
LIMITED OR NO GROWTH

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FUTURE

LIMIT AGRICULTURE'S GROWTH

AG GROWTH IS RURAL DEVELOPMENT

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FUTURE

» **More Yield**

» **More Acres**

» **More Production**

» **More Opportunity**

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"STRIVE TO BE WHERE THE PUCK IS GOING TO BE, NOT WHERE IT HAS BEEN!"

Wayne Gretzky

THANK YOU

James Byrum
Michigan Agri-Business Association
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