BOARD OF COMMISSIONERS
1 S. Main St., 9th Floor
Mount Clemens, Michigan 48043
586-469-5125 FAX 586-469-5993
macombcountymi.gov/boardofcommissioners

PLANNING AND ECONOMIC DEVELOPMENT COMMITTEE

WEDNESDAY, MAY 13, 2009

AGENDA

1. Call to Order
2. Pledge of Allegiance
3. Adoption of Agenda, as amended, to remove item #14B and add items #10(G) and (H) and #14C
4. Public Participation

5. Regional Partnerships
   A) Presentation from Detroit Convention and Visitor’s Bureau’s CEO Larry Alexander
   B) SEMCOG Reports on Residential Construction and Non-Residential Development

   (mailed)

6. Community Development
   A) Report on Neighborhood Stabilization Program
   B) Approval of 2009 Annual Plan, 2009-2013 Consolidated Plan
   C) Approval of HOME Funding for Springhill Housing and Solid Ground
   D) Approval of Home Prevention Rapid Re-Entry Program Grant

   (mailed)

7. Business Retention
   A) Report on TACOM/TARDEC Visit

   (mailed)

8. Business Attraction
   A) Report on Hannover, Germany (Wind Energy) Exhibition
   B) Report on Chicago Wind Power 2009
   C) Update on China Delegation Visit on June 26, 2009

   (mailed)

9. Business Expansion
   A) Macomb-Oakland University Incubator/SmartZone (No Report)
   B) Presentation of Resolution to Achatz Homemade Pie Company – 2008 Michigan Best Small Businesses

   (mailed)

10. Community Planning
    A) Update on Gratiot Avenue Access Management Plan
    B) Update on Countywide Trail Master Plan
    C) Update on University of Michigan Urban Planning Projects
    D) Presentation of Resolution to U of M Taubman College of Architecture and Urban Planning
    E) Adopt Resolution Designating April 1, 2010 As Census Day in Macomb County and Assistance to Communities to Promote the Census and Citizen Participation
    F) Update on V8 Gateway Project
    G) Recommendation from Ad Hoc Committee on Energy Meeting of 05-05-09:
        Authorize to Enroll in Rebuild Michigan Program for Purpose of Conducting Technical Energy Analysis on Several County Buildings
        (attached)
    H) Recommendation from Ad Hoc Committee on Energy Meeting of 05-05-09:
        Authorize Department of Planning and Economic Development to Coordinate Preparation of Energy Efficiency and Conservation Block Grant Proposal
        (attached)

MACOMB COUNTY BOARD OF COMMISSIONERS

Andrey Duziy - District 1
Marvin E. Sauger - District 2
Phillip A. DiMaria - District 3
Toni More - District 4
Sue Rocca - District 7
David Flynn - District 8
Robert Mijae - District 9
Ken Lampers - District 10
Ed Szczepanski - District 11
James L. Carelli - District 12
Don Brown - District 13
Brian Brak - District 14
Keith Renvert - District 15
Carey Torrice - District 16
Paul Girgley - District 19
Chairman
Kathy Tocco - District 20
Vice Chair
Joan Flynn - District 6
Sergeant At Arms

William A. Crouchman - District 23
Michael A. Boyle - District 24
Kathy D. Vosburg - District 25
Jeffery S. Spry - District 26
11 Environmental
   A) Authorize to Accept EPA Brownfield Grant (Initiation)
   B) Authorize to Accept EPA Brownfield Grant (Continuation)
   C) Report on Coastal Zone Management Program Grant
   D) Report on Army Corp of Engineers Grant

12 Marketing & Promotion
   A) Economic Development Marketing Materials (No Report)
   B) Film Mmotions (No Report)

13 Tourism
   A) Lake St. Clair Initiative (No Report)
   B) Chesterfield Township Convention Center (No Report)

14 Administrative
   A) Update on Planning and Economic Development Department Reorganization
   B) Authorize to Purchase ACT Software (Item removed from agenda)
   C) Recommendation from Technology and Communications Committee Meeting of 05-11-09
      Business Contact System for Planning and Economic Development Department
      (attached)

15 Economic Development Events
   - May 19 Business Planning - Growing Your Business
   - May 20 Supplier Diversification Summit
   - May 20 Entrepreneurial Series - Marketing Your Business
   - May 27 Entrepreneurial Series - Business Legal Issues
   - May 28 Entrepreneurial Series - Finance
   - June 4 Brownfield Community Outreach (Romeo)
   - June 4 Brownfield Community Outreach (Easipointe)

16 New Business

17 Public Participation

18 Adjournment

MEMBERS: Bruley-Co-Chair, Carabelli-Co-Chair, D. Flynn-Vice Chair, Brown, Mijar, Verburg, Duzy, Accavitti, Moran and Gieleghem (ex-officio)
MACON COUNTY, MICHIGAN

RESOLUTION TO: Receive and File the Presentation from Larry Alexander, CEO, Detroit Visitors and Convention Bureau

INTRODUCED BY: Commissioners James Carabelli and Edward Bradley, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

______  ___________  5:15 PM

______  ___________  ___
Amazing retail, dining, nightlife and nature await in Macomb County / Page 8

MARVELOUS MACOMB

DESTINATION DOWNTOWN
Tree-lined streets, spectacular shopping, exciting eateries — welcome to The D's downtowns
Page 14

PLAYING WITH YOUR FOOD
Enjoy fork-fun fondue, make-your-own-wine wineries and more in The D
Page 20
RESOLUTION NO. ______________

FULL BOARD MEETING DATE:

AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and File the SI-MCOG Written Reports on Residential Construction and Non-Residential Development

INTRODUCED BY: Commissioners James Carabelli and Edward Brelev, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

5/13/09
## Macomb County

Table 11

*Development by Community, Macomb County*

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<tr>
<th>Community</th>
<th>Completed</th>
<th>Under Construction</th>
<th>Total</th>
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<td>14,750</td>
<td>14,750</td>
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<td>14,422</td>
<td>14,422</td>
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<td>150,000</td>
<td>970,000</td>
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<td>Clinton Twp</td>
<td>315,000</td>
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<td>Harrison Twp</td>
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<td>19,000</td>
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<tr>
<td>Imlay Twp</td>
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<td>347,000</td>
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<td>35,692</td>
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<td>Mt. Clemens</td>
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<td>9,082</td>
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<td>New Baltimore</td>
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<tr>
<td>Romeo</td>
<td>5,248</td>
<td>5,752</td>
<td>10,990</td>
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<td>Roseville</td>
<td>133,318</td>
<td>0</td>
<td>133,318</td>
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<td>St. Clair Shores</td>
<td>0</td>
<td>29,954</td>
<td>29,954</td>
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<tr>
<td>Shelby Twp</td>
<td>61,300</td>
<td>231,328</td>
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<td>Sterling Heights</td>
<td>111,759</td>
<td>234,582</td>
<td>337,341</td>
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<td>Utica</td>
<td>83,333</td>
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<td>Warren</td>
<td>77,483</td>
<td>745,515</td>
<td>823,098</td>
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<td>Washington Twp</td>
<td>18,267</td>
<td>0</td>
<td>18,267</td>
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<tr>
<td>County Total</td>
<td>1,531,327</td>
<td>1,991,760</td>
<td>3,525,087</td>
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### Table 1
**Authorized New Housing Units and Demolitions in Southeast Michigan by County and Structure Type, Summary 2008**

<table>
<thead>
<tr>
<th>County</th>
<th>Single-Family Units</th>
<th>Two-Family Units</th>
<th>Townhouse-Attached Condo Units</th>
<th>Multi-Family Units</th>
<th>Total New Units</th>
<th>Units Demolished</th>
<th>Net Total Units</th>
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<tbody>
<tr>
<td>Livingston</td>
<td>153</td>
<td>4</td>
<td>34</td>
<td>4</td>
<td>191</td>
<td>35</td>
<td>156</td>
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<tr>
<td>Macomb</td>
<td>333</td>
<td>16</td>
<td>112</td>
<td>23</td>
<td>518</td>
<td>204</td>
<td>314</td>
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<tr>
<td>Monroe</td>
<td>118</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>118</td>
<td>44</td>
<td>74</td>
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<tr>
<td>Oakland</td>
<td>537</td>
<td>4</td>
<td>70</td>
<td>140</td>
<td>760</td>
<td>208</td>
<td>552</td>
</tr>
<tr>
<td>St. Clair</td>
<td>92</td>
<td>4</td>
<td>0</td>
<td>58</td>
<td>144</td>
<td>42</td>
<td>102</td>
</tr>
<tr>
<td>Washbanaw</td>
<td>244</td>
<td>4</td>
<td>29</td>
<td>4</td>
<td>283</td>
<td>43</td>
<td>240</td>
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<tr>
<td>Wayne</td>
<td>401</td>
<td>34</td>
<td>128</td>
<td>189</td>
<td>1,042</td>
<td>3,518</td>
<td>-2,476</td>
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<td>Detroit</td>
<td>82</td>
<td>70</td>
<td>75</td>
<td>53</td>
<td>282</td>
<td>536</td>
<td>2,594</td>
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<tr>
<td>Oz-Wayne</td>
<td>409</td>
<td>48</td>
<td>24</td>
<td>25</td>
<td>302</td>
<td>254</td>
<td>148</td>
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<tr>
<td>SEMCOG Region</td>
<td>1,928</td>
<td>114</td>
<td>387</td>
<td>385</td>
<td>3,074</td>
<td>4,154</td>
<td>1,080</td>
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</table>

### Table 2
**Comparison of Units Authorized in Southeast Michigan by County, 2005-2008**

<table>
<thead>
<tr>
<th>County</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
<th>05-06</th>
<th>06-07</th>
<th>07-08</th>
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</thead>
<tbody>
<tr>
<td>Livingston</td>
<td>1,527</td>
<td>657</td>
<td>369</td>
<td>231</td>
<td>-58%</td>
<td>-12%</td>
<td>-48%</td>
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<tr>
<td>Macomb</td>
<td>4,121</td>
<td>2,054</td>
<td>1,272</td>
<td>513</td>
<td>-36%</td>
<td>-32%</td>
<td>-60%</td>
</tr>
<tr>
<td>Monroe</td>
<td>924</td>
<td>586</td>
<td>351</td>
<td>118</td>
<td>-37%</td>
<td>-34%</td>
<td>-60%</td>
</tr>
<tr>
<td>Oakland</td>
<td>4,485</td>
<td>2,333</td>
<td>1,109</td>
<td>760</td>
<td>-48%</td>
<td>-32%</td>
<td>-31%</td>
</tr>
<tr>
<td>St. Clair</td>
<td>208</td>
<td>449</td>
<td>186</td>
<td>147</td>
<td>-35%</td>
<td>-21%</td>
<td>-21%</td>
</tr>
<tr>
<td>Washbanaw</td>
<td>1,732</td>
<td>689</td>
<td>519</td>
<td>281</td>
<td>-60%</td>
<td>-25%</td>
<td>-46%</td>
</tr>
<tr>
<td>Wayne</td>
<td>4,900</td>
<td>2,870</td>
<td>1,329</td>
<td>1,004</td>
<td>-42%</td>
<td>-36%</td>
<td>-26%</td>
</tr>
<tr>
<td>Detroit</td>
<td>1,053</td>
<td>739</td>
<td>655</td>
<td>562</td>
<td>-30%</td>
<td>-12%</td>
<td>-14%</td>
</tr>
<tr>
<td>Oz-Wayne</td>
<td>3,853</td>
<td>2,091</td>
<td>736</td>
<td>502</td>
<td>-46%</td>
<td>-68%</td>
<td>-35%</td>
</tr>
<tr>
<td>SEMCOG Region</td>
<td>18,418</td>
<td>10,158</td>
<td>5,238</td>
<td>3,074</td>
<td>-45%</td>
<td>-48%</td>
<td>-41%</td>
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</tbody>
</table>
### Table 3
**Top 10 Communities Based on Total New Units Authorized**

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detroit</td>
<td>739</td>
<td>055</td>
<td>562</td>
</tr>
<tr>
<td>Macomb Twp</td>
<td>429</td>
<td>419</td>
<td>204</td>
</tr>
<tr>
<td>Warren</td>
<td>435</td>
<td>253</td>
<td>125</td>
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<tr>
<td>Shelby Twp</td>
<td>393</td>
<td>173</td>
<td>120</td>
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<tr>
<td>Brownstown Twp</td>
<td>86</td>
<td>115</td>
<td>099</td>
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<tr>
<td>Lyon Twp</td>
<td>270</td>
<td>144</td>
<td>94</td>
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<tr>
<td>Novi</td>
<td>247</td>
<td>213</td>
<td>25</td>
</tr>
<tr>
<td>Northville Twp</td>
<td>226</td>
<td>104</td>
<td>64</td>
</tr>
<tr>
<td>Canton Twp</td>
<td>222</td>
<td>96</td>
<td>65</td>
</tr>
<tr>
<td>Sterling Heights</td>
<td>218</td>
<td>92</td>
<td>64</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3,703</td>
<td>2,132</td>
<td>1,465</td>
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</table>

### Table 4
**Top 10 Communities Based on New Units Authorized in Two-Family, TAC, and Multi-Family Structures**

<table>
<thead>
<tr>
<th></th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warren</td>
<td>548</td>
<td>523</td>
<td>480</td>
</tr>
<tr>
<td>Shelby Twp</td>
<td>305</td>
<td>199</td>
<td>120</td>
</tr>
<tr>
<td>Detroit</td>
<td>278</td>
<td>103</td>
<td>78</td>
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<tr>
<td>Sterling Heights</td>
<td>139</td>
<td>60</td>
<td>35</td>
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<tr>
<td>Shelby Twp</td>
<td>134</td>
<td>47</td>
<td>45</td>
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<tr>
<td>Macomb Twp</td>
<td>130</td>
<td>42</td>
<td>29</td>
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<tr>
<td>Lyon Twp</td>
<td>124</td>
<td>40</td>
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</tr>
<tr>
<td>Clinton Twp</td>
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<td>29</td>
</tr>
<tr>
<td>Canton Twp</td>
<td>129</td>
<td>40</td>
<td>29</td>
</tr>
<tr>
<td>Harrison Twp</td>
<td>122</td>
<td>40</td>
<td>29</td>
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<tr>
<td><strong>Total</strong></td>
<td>1,829</td>
<td>1,134</td>
<td>906</td>
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RECYCLABLE PAPER
RESOLUTION NO. __________

FULL BOARD MEETING DATE:

AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and File the Report on the Neighborhood Stabilization Program

INTRODUCED BY: Commissioners James Carabelli and Edward Bruley, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

PDP  5/13/09
## Neighborhood Stabilization Program Implementation Matrix

<table>
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<th># RECEIVED</th>
<th># RECEIVED</th>
<th>INCOME ELIGIBLE</th>
<th>IN HB COUNSELING</th>
<th>APPRAISAL</th>
<th>INSPECTION</th>
<th>LOAN CLOSING</th>
<th>REHAB COMPLETE</th>
<th>PROJECT CLOSED</th>
<th>CLOSED</th>
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<td>1</td>
<td>0</td>
<td></td>
<td>0</td>
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**Comments**

Bids for appraisers, counseling, housing and lead inspectors received. Review criteria developed and review to start May 4.

MOU w/MSUE drafted and under review by MSUE.

Comment from March

- Total # Realtors = 56
- Total # Mortgage Brokers/Lenders = 49
- Macomb County Realtors = 56
- Total # County Brokers/Lenders = 45
RESOLUTION NO. __________

MACOMB COUNTY, MICHIGAN

RESOLUTION NO.: Authorize the Board Chair to Sign and Submit the 2009 Annual Plan for the Urban County of Macomb, and the 2009-2013 Macomb HOME Consortium Consolidated Plan

INTRODUCED BY: Commissioners James Carabelli and Edward Breaux, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

____#3______ ________3/13/09____
PLANNING & ECONOMIC DEVELOPMENT
1 S. Main St., 7th Floor
Mount Clemens, Michigan 48043
586-469-5285 Fax 586-469-6787
www.macombcountymi.gov/planning

Stephen N. Cassin, AICP
Executive Director

Donald Morandini
Deputy Director

May 4, 2009

MEMORANDUM

TO: Ed Bruley, James L. Carbelli, Co-Chairs, and Members
Planning and Economic Development Committee

FROM: Stephen N. Cassin, AICP
Executive Director

RE: Macomb Urban County 2009 Annual Action Plan
Macomb HOME Consortium 2009-2013 Consolidated Plan

INTRODUCTION:
Attached for you review and consideration is an Executive Summary of the proposed Consolidated Plan, and the proposed 2009 CDBG and HOME activities. We seek (authorization 1) for the Board Chair to sign and submit both Plans to HUD. This will allow receipt of CDBG funding for the 21 communities in the Macomb Urban County; and HOME funding for the Macomb HOME Consortium (the Urban County, Roseville, Sterling Heights, and Clinton Township).

BACKGROUND
The Macomb HOME Consortium must develop and submit for approval a 5 year Strategic (Consolidated) Plan detailing the income, housing, social and demographic conditions (and needs) of its jurisdiction. That data is then used to develop specific housing and community development objectives and activities, particularly as they related to low- and moderate-income persons. Submission of these documents is necessary for receipt of the HUD housing and community development funding.

HUD is offering CDBG funding to the Urban County, and HOME funding to the Macomb HOME Consortium for 2009, but has not yet provided the County’s specific grant amounts for either program. We expect that it may change slightly from the funding identified in the attached documents. We should receive approval on July 1, 2009.

Attachments

MACOMB COUNTY BOARD OF COMMISSIONERS

Andrey Duzj - District 1         Sue Rocca - District 7   James L. Carbelli - District 12
Marvin E. Saeger - District 2   David Flynn - District 8    Don Brown - District 13
Phillip A. DiMaria - District 3 Robert Mijac - District 9   Brian Brdak - District 14
Toni Moceri - District 4         Kenneth J. Lampar Jr. - District 10
Susan L. Dobert - District 5    Ed Szczepanski - District 11
                                  Carey Torrice - District 16
Paul Gieglehem                   Kathy Tocco                   Joan Flynn
District 19 Chairman              District 20 Vice Chair        District 6 Sergeant-at-Arms
                                  Dana Campbous-Peterson - District 18
                                  Irene M. Kepler - District 21
                                  Frank Accaviti Jr. - District 22

William A. Crouchman - District 23
Michael A. Boyle - District 24
Kathy D. Wens - District 25
Jeffery S. Sprys - District 26
<table>
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<tr>
<th>Service Provider</th>
<th>Community</th>
<th>Allotment</th>
<th>CSHG Total</th>
<th>Other Funding</th>
<th>Accomplishments</th>
<th>Performance Factors &amp; Shopping</th>
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<td>$15,000.00</td>
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Note: The table continues with additional data, which is not fully visible in the image.
Executive Summary

The Executive Summary is required. Include the objectives and outcomes identified in the plan and an evaluation of past performance.

3-5 Year Strategic Plan Executive Summary

The Macomb HOME Consortium, comprised of the Urban County of Macomb, the Charter Township of Clinton, and the Cities of Roseville and Sterling Heights, has submitted an application to qualify for CDBG HOME and other formula program funding administered by the U.S. Department of Housing & Urban Development (HUD). This plan is effective from July 1, 2009 through June 30, 2014. The major findings contained in this Plan reflect:

1. Macomb County is a good place to live, work and play and continues to grow, albeit more slowly due to a long and severe downturn in the regional economy. This has severely challenged the County's base economy including housing and durable manufacturing. Businesses have closed or moved away, and thousands of jobs have been lost or are threatened. Tax revenues are declining despite increased demand for services. Our quality of life is threatened.
2. The County's housing market is beset with foreclosures in virtually every community and neighborhood, threatening their viability. Large numbers of available vacant homes can be found in each community, and there is little, if any, need for new single-family homes. The cherished dream of homeownership may be accruing, and the County's housing stock, without a strong economic resurgence, become less owner-oriented and more rental in nature.
3. Worker layoffs have led to increased unemployment claims and the exhaustion of benefits for those unemployed for a long time. Another result is burgeoning numbers of newly homeless families and families at risk of homelessness. This is unprecedented and must be addressed.
4. Despite a perceived increase in the number of renter households, they are still outnumbered by low-income (LI) homeowners. The proportion of LI families who rent exceeds that for LI owners. Homeownership, particularly homebuyer and renter assistance programs, are necessary.
5. Investors, possibly due to the large number of vacant available foreclosures, have begun to purchase single-family homes, either to re-sell them for profit or to rent them. It is probable that there are adequate numbers of rental units for the near future. There is no need for new housing in Macomb County at this time.
6. There is a demand for public facilities and infrastructure improvement throughout the communities that comprise the Macomb HOME Consortium.
7. There is a need for emergency services to help at-risk populations keep their homes, and for human services to help LI people cope with daily life.

The Macomb HOME Consortium has undertaken housing and community development programs for decades. It has repaired homes, promoted transitional housing, helped developmentally disabled adults find adequate housing and achieve independence, constructed improved and expanded public facilities including parks and senior centers, constructed or improved streets, sidewalks and water and sewer facilities, and provided human services to address LI needs. This Plan continues and will expand these accomplishments.
2: Housing Choice Vouchers and tenant-based rental assistance to prevent homelessness.
3: Development of new or rehabilitation of substandard existing renter units.

Priority Objective #3 – Public Facilities and Infrastructure
Community and stakeholder feedback indicate a need for public works and improvements throughout the County. A diverse community demands that public facilities and infrastructure be maintained and expanded as appropriate to meet existing and increased demands. This Plan will focus on maintaining and improving existing and create new public facilities and improvements that are located in blighted neighborhoods. The second priority is to maintain and improve existing, and create new public facilities and infrastructure in LI and/or righted areas.

Priority Objective #4 – Homeless and At-Risk Needs
Unfortunately, homelessness is increasing in Macomb County. There were 1,176 homeless persons in the County, including 129 families, 165 children, and 883 chronically homeless people in the County according to the 2008 Point-in-Time survey conducted by the MHC. This figure excludes those who are sporadically homeless, temporarily housed, who were legally squatting in foreclosed properties, or who have special needs. The results are not only in an understated, but also in the provision of inadequate support systems. Programs to assist the homeless and prevent homelessness among at-risk populations, including those with special needs, are therefore the Consortium’s third priority. Those with special needs are also a focus of this objective, which overlaps with Objective #3.

Priority Objective #5 – Provide and Expand Human Service Needs
Community and stakeholder feedback also indicate a strong need for improved human services, particularly as they relate to individuals and families made homeless, or who risk homelessness due to job loss or underemployment. Those affected spend much more time seeking essential services only to find them not offered or inaccessible. Municipal resources are overextended, despite the compelling need to serve these people. The Consortium has therefore made providing and expanding human services to LI people, particularly those with special needs and those at risk of homelessness, this Plan’s fourth priority.

Priority Objective #6 – Expand Comprehensive Planning & Management & Capacity Development
There is a need to develop the capacity required to effectively anticipate and address a rapidly changing economic, social, and demographic environment in the County. Similarly, it is critical that new and effective tools be developed to ensure an effective way of delivering municipal service to County residents. This is an essential investment in our future. The Consortium has therefore made the provision of comprehensive planning and management and capacity development its fifth priority.

Priority Objective #7 – Encourage Business Retention & Attraction
Changes to the global economy and global instability have devastated our economy. As a result, many families and businesses are unemployed or face unemployment. The County’s Board of Commissioners acknowledged these hardships and directed MCED to Encourage Business Retention and Attraction in Macomb County to provide jobs to all residents, particularly those in lower-income households.
The County monitors fund use to ensure timeliness, and monitors compliance with HOME requirements, including continuing affordability, affirmative marketing, procurement, and labor standards, and shares the results with members.

Each partner implements projects using its own resources. The County uses documentation, e.g., labor certifications, invoices and the like, to monitor individual projects for compliance. Each community corrects emergent problems, and the County provides technical assistance as necessary.

The County monitors land provides technical assistance for CHDO activities as prescribed by regulation but also based on an assessment of risk. It will monitor more frequently if needed.

Each member is responsible for monitoring GDBG program implementation in its entirety.

Priority Needs Analysis and Strategies (91.215(a))

1. Describe the basis for assigning the priority given to each category of priority needs.

2. Identify any obstacles to meeting underserved needs.

3. 6 Year Strategic Plan: Priority Needs Analysis and Strategies response.

Based on the advocacy and comments received from residents and stakeholder organizations, as well as general knowledge of conditions and needs in the community, the Consortium established the following overarching housing and community development priorities. Please refer to the preceding narrative in Managing the Process for detail. The Consortium and its individual members expect to address each of these priorities during the life of this Plan.

Priority Objective #1 - Address the Foreclosure Crisis

There were more than 11,000 foreclosures between 2005 and 2008 in Macomb County, this was substantially higher than the exceedingly high national average for the same period. This has had catastrophic consequences for families affected, for their neighbors, for the lending community, and for municipalities. Home vacancies threaten community viability. This challenge cannot go unmet.

Addressing foreclosures is therefore our #1 priority.

Priority Objective #2 - Housing

The maintenance and preservation of housing for all residents but particularly affordable housing for LI owners and renters is the top priority of this Plan. Buffering by hammer blows due to economic restructuring and a global financial crisis, many formerly self-sufficient families have lost, or are in danger of losing, their homes. These newly homeless, and at-risk of homelessness, families require assistance to maintain their dignity and preserve what has become a tenuous grip in the economic mainstream.

Other families face economic uncertainty due to stagnant or declining incomes, requiring from work-related cutsbacks or underemployment, losses of health and other benefits. These families, too, are at risk.

Housing, consequently, the second priority (and closely related to Priority #1) for the Macomb HOME Consortium and its individual members. Over the life of this Plan, the Consortium and its members will implement programs to assist existing homeowners, those aspiring to be homeowners, and renters seeking to afford decent rental housing. Home maintenance and other services, acquisition and repair, and new construction on a limited scale will also be offered.

The MHIC and its members may assist homeowners and those who want to become homeowners with:

1. Housing repairs.
2. Home maintenance and other services.
3. Limited new construction and
4. Down payment assistance.

Rental assistance may include:

a. Acquisition and if necessary, repair and
RESOLUTION NO. __________

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize the Execution of Grant Agreements of $67,524 to CHDO Operations Funding for Solid Ground, and $446,799 for Springhill Housing Corporation

INTRODUCED BY: Commissioners James Ciambelli and Edward Bruley, Co-Chairs

DESCRIPTION:
May 4, 2009

MEMORANUM

TO: Ed Bruley, James L. Carabelli, Co-Chairs and Members Planning and Economic Development Committee

FROM: Stephen N. Cassin, AICP Executive Director

RE: 2007 HOME Funding

BACKGROUND
The Macomb HOME Consortium has $464,920 in uncommitted 2007 HOME funds at risk of recapture if not under contract by June 30, 2009. The Consortium has identified worthwhile projects with two non-profit housing providers, Solid Ground and Springhill Housing Corporation, to promote housing opportunities for lower-income residents within its jurisdiction.

We have delayed recommending Board consideration of both projects due to our need to ensure an appropriate level of HOME Match (Springhill Housing Corporation) and administrative capacity (Solid Ground). These concerns are resolved and we can recommend Board approval for both. Both projects will undergo review by the Clinton Township, Roseville and Sterling Heights legislative bodies, since they will be the contributing entities. The County’s investment for the Springhill project ($49,716) represents carryover funding from 2006, which has already received Board approval.

Concern #1 Match Requirement: We now have sufficient Match to meet Federal requirements for the Springhill Housing Corporation project. Match is not required for the Solid Ground award. Both organizations will provide Match in the future to help the Consortium undertake additional housing projects.

Management Capacity: Solid Ground now has adequate administrative capacity for its transitional housing facility, having hired a permanent full time Executive Director, Development Officer, and essential staff, supplemented by volunteers. The facility is open and houses homeless families.

MACOMB COUNTY BOARD OF COMMISSIONERS

Andrey Darzy - District 1  Sue Rocca - District 7  James L. Carabelli - District 12
Marvin E. Sauger - District 2  David Flynn - District 8  Don Brown - District 13
Phillip A. DiMaria - District 3  Robert Mijac - District 9  Brian Brdak - District 14
Toni Moceri - District 4  Kenneth J. Lampar Jr. - District 10  Keith Rengert - District 15
Susan L. Doherty - District 5  Ed Szczepanski - District 11  Carey Torrice - District 16
Paul Gieglehem  District 19  Chairman
Kathy Tocco  District 20  Vice Chair
Joan Flynn  District 6  Sergeant-at-Arms

Ed Bruley - District 17  Dana Campbough-Peterson - District 18  Michael A. Boyle - District 24
Irene M. Kepler - District 21  Frank Accavitti Jr. - District 22  Kathy D. Vesburg - District 25
Jeffery S. Sprys - District 26
RESOLUTION NO. __________

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize the Submission to HUD of a Substantial Amendment to the 2008 CDBG Program for $687,807 in Homeless Prevention Funding

INTRODUCED BY: Commissioners James Carabella and Edward Boles, Co-Chairs

DESCRIPTION:

COMMITTEE MEETING DATE

_____._____._____.  5/13/08
PLANNING & ECONOMIC DEVELOPMENT
1 S. Main St., 7th Floor
Mount Clemens, Michigan 48043
586-469-5285  Fax 586-469-6787
www.macombcountymi.gov/planning

Stephen N. Cassin, AICP
Executive Director
Donald Morandini
Deputy Director

May 4, 2009

MEMORANUM

TO:          Ed Bruley, James L. Carabelli, Co-Chairs and Members
Planning and Economic Development Committee

FROM:      Stephen N. Cassin, AICP
Executive Director

RE:        Macomb Urban County 2008 CDBG Substantial Amendment
(NSP and HPRP)

INTRODUCTION
Attached for your review and consideration is a listing of 2008 HPRP activities to be
undertaken with new funding from the Federal government.

BACKGROUND
Congress recently authorized several new programs, and increased previous allocations
for others as a part of recently enacted foreclosure and Stimulus legislation. The
County’s CDBG program was affected in two ways: First, it received $9.8m in
Neighborhood Stabilization Program (NSP) funding. Second, it will receive $687,708 in
Homeless Prevention and Rapid Re-Housing Program (HPRP) funding. Both programs
are considered “Substantial Amendments” to the County’s 2008 CDBG program
application.

NSP: Attached is a matrix detailing the County’s implementation progress. The County
is reviewing bids from private vendors for housing counseling, appraisal, home
inspection and lead inspection services necessary for effective and compliant
implementation. That review starts today and should be concluded within two weeks.
The County will be ready to promptly offer contracts to the selected vendors in order to
meet tight performance requirements. Corporation Counsel will prepare the contracts.

MACOMB COUNTY BOARD OF COMMISSIONERS

Andrey Darzyj - District 1    Sue Rocca - District 7    James L. Carabelli - District 12    Paul Gieleghem - District 19
Marvin E. Sauger - District 2    Phillip A. DiMaria - District 3    Don Brown - District 13    Ed Bruley - District 17
David Flynn - District 8    Robert Mijac - District 9    Brian Brdak - District 14    Dana Camphous-Peterson - District 18
Toni Moorer - District 4    Kenneth J. Lampar Jr. - District 10    Keith Rengert - District 15    Irene M. Kepler - District 21
Susan L. Doberty - District 5    Ed Szczepanski - District 11    Carey Torrice - District 16    Frank Accavitti Jr. - District 22

Joan Flynn - District 6    Sergeant-at-Arms
Kathy Tocco - District 20    Vice Chair
William A. Crouchman - District 23    Michael A. Boyle - District 24
Kathy D. Vosburg - District 25    Jeffery S. Sprys - District 26
HPRP: This program will provide housing and services for those made homeless, or who are at risk of becoming homeless, due to the economic downturn. Macomb County must apply for this funding no later than May 18th to receive that funding.

HPRP is an entirely new program and we recommend that it be used to provide housing (rental) assistance, plus supportive services, for those who cannot rent decent, safe and sanitary housing, for periods of up to 18 months. This would provide a measure of security to families hard-hit by job loss and help them rebuild for the future.

This program would be implemented by DPHD and the County's Continuum of Care Coordinator, with specific housing providers selected through an RFP process. This is an efficient and effective method to administer what is expected to be a one-time grant.

Attachments
RECYCLABLE PAPER
RESOLUTION NO. ____________

FULL BOARD MEETING DATE: ___/___/___

AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and File the Report on the Economic Development Retention Visit to SACOM-TARDEC

INTRODUCED BY: Commissioners James Carabelli and Edward Benley, Co-Chairs

DESCRIPTION:
ITINERARY FOR THE VISIT OF
Macomb County Board of Commissioners

VISITORS
1. Chairman Paul Gieleghem, Macomb County Board of Commissioners
2. Commissioner Ed Bruley, Macomb County BOC
3. Commissioner Don Brown, Macomb County BOC
4. Commissioner Jeffery Spurys, Macomb County BOC
5. Commissioner Tom Moore, Macomb County BOC
6. Commissioner Dave Flynn, Macomb County BOC
7. Commissioner Rob Mijac, Macomb County BOC
8. Commissioner Ed Szczepanski, Macomb County BOC
9. Commissioner Joan Flynn, Macomb County BOC
10. Commissioner Andrey Dzuy, Macomb County BOC
11. Tomiko Gumbleton, Regional Mgr for U.S. Senator Debbie Stabenow
12. Vicki Selva, Regional Rep for U.S. Senator Carl Levin
13. Judy Hartwell, Office of Congressman Sander Levin
14. Melanie Brown, Offices of Lt. Governor Cherry and Governor Granholm
15. Leslie Liss, State of Michigan, Representative 28th District
16. Kim Meltzer, State of Michigan, Representative 33rd District
17. Jon Switalski, State of Michigan, Representative 25th District
18. Jennifer Haase, State of Michigan, Representative 32nd District
19. Steve Cassin, Director, Macomb County Planning & Economic Dev. Dept.
20. Patti Dib, Macomb County Board of Commissioners
21. Mayor Jim Fouts, City of Warren
22. Richard Sabaugh, Warren Public Service Director
23. Bruce MacDonald, Mich. CASA

PROJECT OFFICER
Mr. Don Jarosz
Public Affairs Office
Tel: (586) 574-6820
Cell: (734) 945-3009

ESCORT OFFICER
N/A

PROTOCOL OFFICER
Mr. Scott Gestringer
Tel: (586) 574-5827
Cell: (586) 216-3014

Friday, 17 April 09

TIME ACTIVITY CONTACT
1215 - 1230 Arrive TACOM LCMC Protocol
Arrive Building 230 (Gate #11)
1230 - 1300 Walk to Conference Room 253W1 Protocol
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<th>CONTACT</th>
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<td>1300</td>
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<td>Protocol</td>
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<tr>
<td>1300-1330</td>
<td>TACOM LCMC Overview (briefed by MG West)</td>
<td>Mr. Ron Coleman</td>
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<tr>
<td>1330-1345</td>
<td>RRAC Briefing</td>
<td>Ms. Donna Westby</td>
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<tr>
<td>1345-1400</td>
<td>Detroit Arsenal Garrison Briefing</td>
<td>Ms. Brenda McCullough</td>
</tr>
<tr>
<td>1400-1410</td>
<td>Break / Travel to Building 200A Lobby</td>
<td>Protocol</td>
</tr>
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<td>Mr. Keith Appling</td>
</tr>
<tr>
<td>1415-1445</td>
<td>TARDEC Overview</td>
<td>Mr. Thom Mathes</td>
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<td>1445-1450</td>
<td>Enroute to Prototyping Integration Facility (PIF)</td>
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<td>1450-1515</td>
<td>PIF/Vehicle Overview</td>
<td>Mr. Jon Ahoona</td>
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<td>Enroute to Bldg 212 (Ground Vehicle Power and Mobility)</td>
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<tr>
<td>1525-1600</td>
<td>Capabilities Overview Test Cell Overview Battery Testing</td>
<td>Mr. Chuck Comteau Mr. Mike Reid Ms. Sonya Gargies Protocol</td>
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<td>Depart TACOM LCMC</td>
<td>Protocol</td>
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RECYCLABLE PAPER
MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and File the Report on the Hanover, Germany (Wind Energy) Fair

INTRODUCED BY: Commissioners James Carabelli and Edward Bradley, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

2:30PM 280
Hannover Messe:
April 19 – 24, 2009

Wind Power &
Energy
Efficiency

Global
Exposition

Report to PED-
May 13, 2009
WHO WE ARE

Launched in 2002, NextEnergy is already one of the nation's leading research catalysts and business accelerators for alternative and renewable energy. Our leadership team offers more than a hundred years of experience working with utilities, alternative fuels, hybrid power trains, business development, venture capital investment and more in the alternative energy industry.

Located in Detroit, we are within an hour of more than a dozen major research universities, and in the heartland of America's transportation, technology, and manufacturing industries. Fostering dynamic research and innovation, we combine this intellectual capital with Michigan's legendary engineering prowess and entrepreneurial ingenuity to help generate new technologies, viable businesses, solid growth, and industry leadership.

WHAT WE DO

Launched in 2002, NextEnergy is a 501(c)(3) nonprofit organization with a mission to become one of the nation's leading catalysts for alternative and renewable energy. By bringing promising technologies to maturity and up to scale in the marketplace, we accelerate the impact and profitability of this increasingly important industry.

Already we are managing millions of dollars of research projects. Already we are developing new technologies for power generation, transportation and fuels. Already we are launching them into your world.

Never has the opportunity been greater for alternative and renewable energy to succeed. Never have consumers, industry and government been more open to them. Never have the economics and the marketplace been a stronger force to advance them.

Whatever you are in the alternative energy field, we have the keys to advance your project or to connect you to the resources you need to help you succeed.
The AIM Industrial Group is a diversified provider of manufactured goods; distribution, warehousing, and logistical support; and sales and marketing services.

The AIM Manufacturing Group provides complex, high-quality components and assemblies to the Aerospace, Heavy Truck, Energy, Aerospace and General Industrial Markets.

The AIM Logistics Group manages the fulfillment, distribution, warehousing and logistics of our clients' product. We serve the industrial, online and retail markets with these services.

The AIM Marketing Group serves as the sales and marketing arm of our organization. It also serves a variety of independent manufacturers and distributors seeking outside sales and marketing support.

Creative Ergonomic Systems, Inc. (CES)
5301 Hughes Drive
Sterling Heights, MI 48312
(586) 939-6939 Fax (586) 939-4866

CES specializes in overhead rail systems, lifting devices, end-effectors, and floor supports. Our rail is the best on the market. Whether you are looking to improve your existing systems with modular components, or would like a total system solution, CES can promptly deliver world-class products at attractive prices. With all design, fabrication, machining, and build done in-house, we can deliver custom products and prototype items in minimal time. We can provide your custom solution!
About AMSC Windtec, subsidiary of AMSC

About AMSC Windtec GmbH — A history of innovation in wind energy development

Following nearly 9 years of development and customer trial work, Windtec GmbH was founded in 1995 in Klagenfurt, Austria and became the leading independent engineering company involved in designing complete electrical systems for wind turbine applications. Their projects ranged from 600 kW land based wind turbines to 5 MW and larger offshore wind turbines. In 2005, they began delivery of complete electrical systems to Japan, China and Germany. AMSC, which operates wholly owned subsidiary AMSC Windtec in Klagenfurt as early 2007.

Windtec introduced the concept of "Built to Order: Wind Turbine" technology transfer for manufacturing of self designed wind turbines by original equipment manufacturers. They provide complete customer specific design and development of high quality wind energy systems and work side-by-side with the customers through the first reference turbine, assembly and test/traing process. Today, the Windtec technology transfer model has been adopted by Windtec customers on all major continents and Windtec continues to innovate new supplier products to give their customers the market advantage in wind turbine technology.
The exploitation of ocean wind power ("offshore wind power") offers numerous advantages over projects on land and is regarded as key to reach the society's ambitious goals on renewable energy. Wind velocities are higher and more reliable at sea and larger areas can be used for construction far enough out at sea so as not to mar the horizon.

On the other hand, offshore wind farm planning presents a major technical challenge. Wind power facilities must be specially designed for use at sea, they must rest on foundations which are specially designed for the respective sea depths and soils, and they require that cables be laid over long distances underwater.

wpd is active regarding all stages of an offshore project: development, procurement, construction and operation & maintenance.

Development of offshore wind farms has been the starting point for wpd in the offshore business since 2001. Until today, wpd has reached permission of five offshore wind projects in more than 2 GW and is running a pipeline of 18 projects totaling 10 GW, making wpd the leading offshore wind developer.

AREVA

ONE OF THE TOP THREE GLOBAL PLAYERS IN THE TRANSMISSION AND DISTRIBUTION OF ENERGY

AREVA T&D offers solutions to bring electricity from the source to the power network.

We find high- and medium-voltage substations and develop technologies to manage power grids worldwide.

We are a fully fledged solution provider, offering safe, reliable and efficient power distribution.
AVANTIS is a group of enterprises focusing on renewable energies, with a strong emphasis on wind power. The group comprises companies from the US, Brazil, Europe, and Asia. AVANTIS has kept a low profile while concentrating on developing new technologies for the wind industry. After some years of research and planning, this stage has now been completed, and our first turbine, the AW 62/6, has entered the light of its first bright morning.

**Modern Technology**

AVANTIS is on the forefront of modern technology. The AVANTIS family of turbines features extreme efficiency of permanent magnet generators, the core of the direct drive turbines. Without gearboxes, one of the biggest problems for reaching very high availability rates has been removed. The carefully chosen components of our turbines all come from the first-rated manufacturers in the field.

AVANTIS serves the growing wind power industry with high-quality effective products and modern engineering. We have a goal; to make the most modern technology available to all regions of the planet, in order to generate cleaner and greater energies and contribute to the survival of this beautiful planet and all its inhabitants.

---

**Vestas.**

**Søren Larsen**

Vestas CEO & President

**Vestas is...**

We install a wind turbine every three hours globally.

With Vestas as your supplier and business partner, you are having your investment in documented processes. More than 25 years of experience, insights, and knowledge of wind!

Vestas wind turbines are checked and tested at our own test centres, after which the results are verified and certified by independent organisations. We also continuously monitor a large number of the turbines in operation, both to determine how the turbine design can be optimised and to use the data and knowledge to make turbine operation even more reliable and cost-effective.

Vestas has an extensive portfolio of turbines, which are each suited to specific conditions and requirements. Click the category you want to learn more about:

- **1.5 MW**
- **2 MW**
- **2.0 MW**
- **3.0 MW**
- **3.6 MW**
- **4.0 MW**
- **4.2 MW**
- **4.5 MW**
- **5.0 MW**
- **5.2 MW**
RESOLUTION NO. __________

FULL BOARD MEETING DATE:

AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and File the Report on Chicago Windpower 2009

INTRODUCED BY: Commissioners James Carabellii and Edward Bradley, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

[Date]

[Date]

[Date]
Highlights From Largest Wind Power Event In The World

May 07, 2009 — The U.S. wind energy industry today concluded in Chicago, III, the world’s largest wind conference, which hosted over 1,200 exhibiting companies and 23,000 attendees.

“The size and breadth of this show are a clear indicator that the wind energy industry is a hub of business activity even in this stagnant economy,” said AWEA CEO Denise Boile. “What we heard loud and clear from the industry assembled here in Chicago was a call to enact a national Renewable Electricity Standard (RES) to secure a stable and growing market for renewable energy,” said AWEA CEO Denise Boile. A poll released by AWEA at WINDPOWER showed that over 75% of Americans, including 71% of independents and 62% of Republicans, support an RES requiring that 25% of the nation’s electricity be generated from renewable energy by 2025.

WINDPOWER 2009 Conference & Exhibition highlights include:

- Exhibitors from 48 states, and representatives from all 50 states, and from 50 countries were present at WINDPOWER, demonstrating the industry’s national and international scope;
- The exhibition hall exceeded 290,000 square feet—more than the 2008 (218,700 square feet) and 2007 (123,500 square feet) WINDPOWER shows combined.
- WINDPOWER welcomed over 23,000 attendees, up from 13,000 in 2008, 1,100 in 2004 (which was also held in Chicago), and 8,000 in 2001.
- Five Governors (Governor Chet Culver of Iowa, Jim Doyle of Wisconsin, Jennifer Granholm of Michigan, Pat Quinn of Illinois, and Ted Strickland of Ohio) addressed the conference. The Governors of Kansas and Pennsylvania were also present. States and their utilities in economic development are competing to attract wind turbine supply chain companies and create good jobs. At least 14 state or regional economic development offices were exhibiting at WINDPOWER.
- Secretary of the Interior Ken Salazar, Energy Secretary Steven Chu (via tape delay), and Federal Energy Regulatory Commission Chairman Jon Wellinghoff also addressed the conference. Secretary Salazar pointed to new rules for offshore wind farms that open the way for the U.S. to become a leader in offshore wind power. Both noted the value of a national Renewable Electricity Standard in creating jobs, helping hold down costs for consumers, and diversifying the nation’s electricity portfolio. “At no time in our history has the time for a new energy policy been so urgent. This is an opportunity that Americans cannot afford to miss,” said Secretary Salazar.
- Siemens announced it will open a wind turbine factory manufacturing facility in Hutchinson, Kansas. Investment in manufacturing facilities in the U.S. has accelerated over the past two years, with over 55 wind turbine and wind turbine component manufacturing facilities announced, added or expanded in 24 states in 2008.
- T Boone Pickens, who planted wind energy firmly in the public consciousness with his high profile campaign, again pointed to the need to get off foreign oil by using more renewables to produce electricity and more natural gas for transportation. He predicted Congress will eventually pass comprehensive legislation, including an RES, because the American people support it.
- The WINDPOWER 2010 Conference & Exhibition will take place May 24-26 in Dallas, Texas.

Source: American Wind Energy Association (AWEA)
"Our numbers are both exciting and sobering," said AWEA CEO Denise Bode. "The U.S. wind energy industry's performance in 2008 confirms that wind is an economic and job-creation dynamo, ready to deliver on the President's call to double renewable energy production in three years. At the same time, it is clear that the economic and financial downturn will take a toll on wind development."

But we cannot rest on past achievements. We need the right policies in place for our industry to maintain its momentum. A national Renewable Electricity Standard, requiring utilities to generate 25 percent of their electricity from renewable energy sources by 2025, is vital to provide the long-term, U.S. wide commitment businesses need to invest trillions of dollars in clean energy installations and manufacturing facilities, and create hundreds of thousands of American jobs."

The U.S. wind energy industry shattered all previous records in 2008 by installing over 8,500 megawatts (MW) of new generating capacity (enough to serve over 2 million homes), increasing the nation's total wind power generating capacity by 50% to over 25,500 MW and channeling an investment of some $17 billion into the economy.

For the fourth year, wind power was second only to natural gas in terms of new capacity added. The new wind projects completed in 2008 account for about 42% of the entire new power-producing capacity added nationally last year, according to initial estimates, and will avoid nearly 44 million tons of carbon emissions, the equivalent of taking over 7 million cars off of the road.

2009 will most likely be a slower year in terms of new installations than 2008 was, yet industry analysts are hopeful that new renewable energy incentives will quickly bear fruit. At least 5,000 MW of new wind installations are expected to be commissioned in 2009. The American Recovery and Reinvestment Act (ARRA) of 2009 includes a three-year extension of the renewable energy production tax credit (PTC) and a new program that allows renewable energy developers the option of forgoing the PTC and instead securing a grant from the Treasury department in the amount of a 30% investment tax credit (ITC). This program to help monetize renewable energy credits is considered critical for the wind industry to continue its growth in the face of the economic downturn, which has dramatically reduced the ability to secure value for renewable tax credits.
By the end of 2008, Texas had consolidated its lead in terms of installed wind power capacity and Iowa had surpassed California. The top five states in terms of capacity installed are now: Texas, with 7,118 MW; Iowa, with 7,791 MW; California, with 2,517 MW; Minnesota, with 1,254 MW; and Washington, with 1,247 MW. In addition to these five, Oregon and Colorado have more than 1,000 MW installed.

About 85,000 people are employed in the wind industry today, up from 50,000 a year ago. Wind power's recent growth has also accelerated job creation in manufacturing, where the share of domestically manufactured wind turbine components has grown from under 30% in 2005 to about 50% in 2008. Wind turbine and turbine component manufacturers announced, added or expanded 20 new facilities in the past two years, including over 55 in 2008 alone.

For a complete list of projects and manufacturing facilities added in the third quarter of 2008, please go to www.awea.org/projects.
Achieving 20% Wind Energy by 2030: An Overview

In May 2008, the U.S. Department of Energy released a comprehensive report, 20% Wind Energy by 2030: Increasing Wind Energy’s Contribution to U.S. Electricity Supply. It concluded that the U.S. possesses sufficient and affordable wind resources that would enable the nation to obtain 20% of its electricity from wind. No technological breakthroughs are required and the costs would be modest.

The benefits are far from modest. Achieving the 20% wind vision will cut greenhouse gas emissions, deliver near-term relief from rising energy prices along with long-term energy price stability, promote our energy security and create hundreds of thousands of new American jobs.

Wind power is already a mainstream option for new electricity generation. Wind power contributed more than a third of all new electric generating capacity in 2007, installing 5,249 megawatts (MW) of capacity and expanding the nation’s total wind power generating capacity by 45% in a single calendar year. By April 2008, the U.S. had 18,300 MW of wind power, enough to supply 5 million homes.

To achieve a 20% wind power contribution, however, the U.S. will need to increase transmission, provide stable federal policies, and continue to expand manufacturing capability for wind turbines and their components.

Benefits of Achieving the 20% Wind Energy by 2030 Vision

- **Environment:**
  - Reduces carbon dioxide emissions from the electric sector 25% by 2030, the equivalent of taking 140 million vehicles off the road and nearly single-handedly keeping electric sector emissions at today’s levels, while helping meet growing electricity demand;
  - Reduces water consumption in the electric sector by 4 trillion gallons or 17% in 2030, with nearly a third of this reduction occurring in the arid Western states;
  - Does not contribute to acid rain, urban smog, mercury contamination, or other toxic pollution associated with the extraction, transport, and combustion of fossil fuels.

- **Economy:**
  - Job creation:
    - Directly stimulates 150,000 domestic jobs in wind turbine manufacturing, installation, operations, maintenance, and management;
    - Indirectly generates 350,000 domestic jobs in support of the wind industry, including steel workers, electrical manufacturing workers, accountants, lawyers, and additional positions related to increased local spending;
  - Rural economic development:
    - Pays rural landowners more than $600 million a year by 2030 through lease payments that range from $2,000 to $4,000 per megawatt annually;
    - Increases property tax revenue in rural communities by as much as $1.5 billion annually by 2030. These funds can be allocated to schools, infrastructure, medical centers, and other public services.

- **U.S. Energy Security:**
  - Generates electricity from a domestic, safe, and inexhaustible source;
  - Reduces natural gas demand by 50% in the electric sector and 11% overall, relieving supply and price pressure in the domestic natural gas market and potentially reducing future need for imported liquefied natural gas from the Middle East, Russia, or other areas;
  - Potentially reduces U.S. reliance on foreign oil by generating electricity that can be used for plug-in hybrid vehicles.
- Affordable Cost
  - The 20% wind vision would require an initial investment of $43 billion, 2% more than a circumstance in which no new wind energy is installed. Calculated over time, this expense amounts to about an additional 50 cents per month on an average household electricity bill. 
  - The value of fuel savings, economic investments, emission reductions, and other benefits far exceeds that incremental cost. Examples include:
    - $198 billion consumer savings from displacement of variable-priced natural gas-fired generation with fixed-price wind power, according to supplemental analysis.
    - $58 billion in consumer savings through reduced exposure to carbon regulation costs, depending on the stringency and timing of future carbon regulation, according to supplemental analysis.

Challenges in Achieving the 20% Wind Energy by 2030 Vision

- Transmission
  - Stimulating major investment in U.S. transmission system, both in lines to access remote windy areas and in large multi-purpose interstate transmission highways to urban centers with high electricity consumption.

- Electricity Grid Operations
  - Creating large regional power pools and energy spot markets, so that regions can depend on a diversity of generation sources, including variable sources like wind power.

- Siting
  - Addressing potential concerns in directly affected communities.
  - Identifying and limiting potential impacts on wildlife and habitat.

- Supply Chain
  - Expanding wind turbine manufacturing and installation capability to more than triple its current size, to over 150,000 MW installed per year, or over 75,000 new turbines by 2030.
  - Expanding the services sector, including transportation and construction, significantly.
  - Training an expanding workforce, including operations and maintenance workers.

- Technology
  - Reducing wind capital cost and improving turbine performance and efficiency through technology advances and enhanced manufacturing capabilities.

Meeting the Challenges to 20% Wind Energy by 2030

Achieving the 20% vision will require policies that provide stability and predictability for investors in clean generation resources and promote construction of the transmission infrastructure needed to deliver renewable energy to urban areas. The American Wind Energy Association (AWEA) recommends a stable production tax credit incentive, a national renewable electricity standard, a major energy transmission effort, effective carbon regulation, a small wind investment tax credit incentive, fair and efficient siting regulations, and increased research and development funding.

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2. Wind: Number reflects mid-case carbon savings from 20% Wind (2006 dollars) and assumes a 50% Brown carbon cost.

The American Wind Energy Association • 1100 15th Street, N.W., Suite 6000 • Washington, DC 20005
Phone: 202-289-7500 • Fax: 202-289-5103 • www.awea.org
Complete report available at www.awea.org
Benefits of 20,000 MW of Wind Energy

The clean electricity generated by the 20,000 MW of wind power installed in the U.S. today can:
- Power 5.3 million U.S. homes, on average;
- Power a fleet of more than 1 million plug-in hybrid cars;
- Save 1.2 trillion gallons of water from being pulled from our nation’s aquifers, and
- Power Greece, Denmark, or over 170 countries around the world.

20,000 MW of wind power installed in the U.S. today can generate as much electricity as:
- 28.7 million tons of coal, or two thousand mile-long coal trains;
- 90 million barrels of oil per year, and
- 830 Bcf of natural gas, or about 8.5% of the natural gas used for electricity generation.

The 20,000 MW fleet of wind power installed in the U.S. today can:
- Provide $20 million - $80 million in lease payments to American landowners; and
- Provide a valuable source of property tax income for local governments (especially rural counties).

If the power being generated by the 20,000 MW of wind power installed in the U.S. were being generated by the conventional U.S. generation mix,:
- 34 million additional tons of carbon dioxide (CO₂) would have been emitted, as much as could be absorbed by 16,400 square miles of forest, an area about the size of Vermont and New Hampshire together;
- 175,000 additional short tons of acid-rain causing sulfur dioxide (SO₂) would have to be abated to achieve the national Acid Rain Program goals;
- 83,000 additional short tons of smog-causing nitrous oxide (NOₓ) would have been emitted; and
- 1,500 additional pounds of mercury would be polluting our streams and rivers.
Although 20,000 MW is an important milestone, wind power provides a small share of the nation's electricity. The World Factbook reports that the U.S. consumes over 3.9 trillion kWh of electricity, which means that wind is providing just over 1.5% of the nation's power. However, wind power is one of the fastest-growing electricity sources today, and can be expected to be an important source of our power needs in the future. The U.S. first started installing electricity-generating wind power in the early 1980s. The country had 1,000 MW of wind power installed by 1995, 2,000 MW installed by 1999, and 5,000 MW by 2003. Its first 10,000 MW was installed by mid-2006.

According to the "20% by 2030" report released by the U.S. Department of Energy, wind power is capable of becoming a major contributor to America's electricity supply over the next three decades. As an inexhaustible domestic resource, wind strengthens our energy security, improves the quality of the air we breathe, slows climate change, and revitalizes rural communities.

The report finds that achieving a 20% wind contribution to U.S. electricity supply would:

- Reduce carbon dioxide emissions from electricity generation by 25% in 2030.
- Reduce natural gas use by 11%.
- Reduce water consumption associated with electricity generation by 4 trillion gallons by 2030.
- Increase annual revenues to local communities to more than $1.5 billion by 2030; and
- Support roughly 600,000 jobs in the U.S., with an average of more than 150,000 workers directly employed by the wind industry.

For more information on the report, go to [www.20percentwind.org](http://www.20percentwind.org)

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Assumptions

- 32% average capacity factor assumed for entire turbine fleet
- Average annual household consumption (U.S.) = 10,668 kWh.
- A plug-in hybrid car can travel 4 miles per kWh; one car is assumed to travel 12,000 miles.
- To generate the same amount of electricity as a single 1-MW wind turbine using other fossil fuels or nuclear power requires, on average, withdrawing roughly 60 million gallons of water a year from streams, rivers, or aquifers, of which nearly 1 million gallons is lost to evaporation.
- Generating the same amount with hydroelectric means the loss of approximately 50 million gallons a year to evaporation.
- Due to national regulation on SO2, there is a cap on how much would have been emitted, but the costs for adhering to the cap would have been higher.

Statistics on countries' use of electricity from the CIA's World Factbook.
Statistics on generation fuels and emissions from the Energy Information Agency's Annual Energy Review.
NEW FACT SHEET HIGHLIGHTS NUMBER OF WIND TURBINES, FOOTPRINT NEEDED TO MEET PROPOSED RPS STANDARD

East Lansing -- The Land Policy Institute (LPI) at Michigan State University released today a new fact sheet based on a recent study on wind energy and a Renewable Portfolio Standard (RPS) in Michigan. The study projects the number of wind turbines needed, the land footprint they would require, and the likely location of wind turbines in order to meet the requirements of the RPS, proposed by Governor Jennifer Granholm in the Michigan’s 21st Century Electric Energy Plan. Both houses of the Michigan legislature are currently considering various bills related to RPS.

The study estimated that, with the passage of RPS in Michigan, wind energy development will produce:

- 1,100 construction jobs per year for the next two decades;
- 218 permanent jobs related to the management and maintenance of wind installations by 2010;
- 3,010 permanent, continuing jobs related to the management and maintenance of wind installations by 2029;
- $464 million in continuous annual spending in maintenance and management by 2010 and $4.4 billion by 2029;
- $7.6 million in permanent annual wages by 2010 and $96 million by 2029;
- $1.25 billion per year in construction-related new investments and spending over the next two decades;
- $2.1 million per year in new construction wages for the next two decades;
- $4.8 million in lease payments to landowners per year by 2010 and $47 million per year by 2029.

The study found that to meet the proposed 10 percent RPS by 2015:

- 1,250 wind turbines will need to be installed;
- 313 acres of wind tower and footprint will occur;
- 50,270 acres of wind farm area will be involved, of which 49,966 acres would continue to be usable for farming, grazing, forestry, or related alternative uses of the land;
- With a total of 37,301,780 acres of land area in Michigan, the proposed 2015 RPS goal would require use of only 0.14 percent of it.

The fact sheet is part of a series LPI is releasing to inform the debate on wind energy development in Michigan. The study, titled “Wind Turbines Required to Meet Michigan’s 2015 Goals for Renewable Portfolio Standards (RPS) and Projected Land Footprints” is available at www.landpolicy.msu.edu.
Wind energy is more expensive than conventional energy. Wind’s variability does increase the day-to-day and minute-to-minute operating costs of a utility system because the wind variations do affect the operation of other plants. But investigations by utility engineers have found these costs to be relatively small—less than about 2 mills/kWh—under normal penetration levels, and possibly rising to 5 mills at 20% penetration. In fact, when the Colorado Public Service Commission issued a ruling in 2001 on the 181-megawatt (MW) wind project in Lamar, Colorado, the commission determined that wind energy provided the lowest cost of any new generation resource submitted to an Cost Energy Calculation bidding process (except for one small hydropower plant). The commission also noted that unlike the other generation resources considered, the Lamar project avoided the risk of future increased fuel prices. And in a recent landmark study of wind integration into the New York State electric power system, a 10% addition of wind generation (3,000 MW of wind in a 34,000-MW system) actually projected a reduction in payments by electricity customers of $305 million in one year.²

Wind energy requires a production tax credit (PTC) to achieve these economies. True, but every energy source receives significant federal subsidies; it is disingenuous to expect wind energy to compete in the marketplace without the incentives enjoyed by established technologies.³

The production tax credit and accelerated depreciation are helpful only to big, out-of-state developers. The economic benefits aren’t local, and rural electric cooperatives and municipal utilities can’t receive the same benefits. It’s true that only entities that pay federal taxes can use the tax credits to reduce their tax liability, but those tax credits result in lower wind energy costs for the benefit of all electricity customers. However, if local entities can secure equity positions in wind plants, then they can receive the tax credit benefits. Whether or not the wind-plant equity is locally held, wind plants result in jobs for the local community and the need for local services—both during construction and during operation. Additionally, the added county and state taxes and the landowner lease payments directly benefit the local and state economies. And to the extent that debt financing comes from local sources, debt-service payments stay within the local community.

Also, in some cases farmers have joined together in a cooperative arrangement to build and own wind plants. In aggregate, their tax liability can be sufficient to make full use of the tax credits.⁴

Wind energy is unpredictable and must be “backed up” by conventional generation. No power plant is 100% reliable. During a power plant outage—whether a conventional plant or a wind plant—backup is provided by the entire interconnected utility system. The system operating strategy strives to make best use of all elements of the overall system, taking into account the operating characteristics of each generating unit and planning for contingencies such as plant or transmission line outages. The utility system is also designed to accommodate load fluctuations, which occur continuously. This feature also facilitates accommodation of wind plant output fluctuations. In
Denmark, Northern Germany, and parts of Spain, wind supplies 20% to 40% of electric loads without requiring peak capacity. When wind is added to a utility system, no new backup is required to maintain system reliability.

wind energy ousts energy from existing coal plants, then rates will go up. Rates for electricity from wind plants being installed today are comparable to wholesale electric power prices of 2.5c to 3.5c/kWh. The incremental cost of wind power, if any, will be negligible when distributed among all customers. A number of states have examined the rate impacts of wind and have considered the costs of various renewable portfolio standard percentages from 5% to 10%, and average residential bill impacts are predicted to range from a savings to a premium of 25¢/month. In most states, the costs of wind power are not felt as a rate increase.

New natural gas power plants provide cheaper energy than wind plants. This is not likely with today's rising gas prices. At $3/Mcf/TFU, the fuel cost alone is 2.5¢ to 3.5c/kWh, and capital and O&M costs add a similar amount. Today, gas prices range from less than $2/Mcf/TFU, yielding a fuel cost alone in the 5c to 6c/kWh range. And gas prices have dropped to as low as $1.50/TFU in past years. Setting on low gas prices over the foreseeable future is highly risky, while energy costs from wind plants will be relatively stable over time. In a recent study, Lawrence Berkeley National Laboratory found that the natural gas "shadow value" of wind could be conservatively estimated to be 1.2 cents/kWh.2

Large, utility-grade wind turbines can't be installed on the distribution grid without expensive upgrades and power-quality issues. In situations with weak distribution grids (long lines with thin wire and few customers—perhaps even single-phase), this can be true. However, in many cases wind generation can be connected to the distribution system in amounts up to about the rating of the nearest substation transformer. One study of a rural Midwestern county estimated that several tons of megawatts of turbines could be installed on the local distribution grid with a minimum of upgrade expense and minimal power-quality impacts. A number of single wind turbines and clusters of turbines are currently connected to the distribution system.8

Small projects that might be suitable for co-ops or small municipal utilities are not economical. Small projects generally have a higher cost per megawatt than larger wind plants, as would be expected. However, the incremental costs on customers' bills are likely to be small. The energy produced for a small project is unlikely to exceed 5%. If the project provides a small portion of the community's needs—say 2%—then the premium is reduced to about 1% if distributed among all customers. Some communities view this premium as a worthwhile investment to obtain local environmental benefits and experience with wind power.

Wind turbines kill birds and thus have killed environmental impacts. Bird kills have caused serious scientific concern at only one location in the United States: Allamont Pass in Colorado, one of the first areas in the country to experience significant wind development. Over the past decade, the wind community has learned that wind farms and wildlife can and do coexist successfully. Wind energy development's overall impact on birds is extremely low (<1 of 30,000) compared to other human-related causes, such as buildings, communication towers, traffic, and house cats. Birds can fly into wind turbines, as they do with other tall structures. However, conventional fuels contribute to air and water pollution that can have greater effects on wildlife and their habitat, as well as the environment and human health.

Wind turbines are noisy. Modern wind turbines produce very little noise. The turbine blades produces a whooshing sound as they encounter turbulence in the air, but this noise tends to be masked by the background noise of the blowing wind. An operating modern wind farm at a distance of 750 feet to 1000 feet is no more noisy than a kitchen refrigerator.

You can find more information on wind energy myths at www.eere.energy.gov/windandhydro/windpoweringamerica/pdfs/50124-04000_misconceptions.pdf

1 www.eere.energy.gov/windandhydro/windpoweringamerica/pdfs/sect_wind_energy_myths.pdf
3 For energy on energy subsidies, visit www.priotrack.com
6 www.wind.gov/windenergy/reports/86156.pdf
7 Allan Greenspan, Federal Reserve Chairman, testimony at Senate committee hearing, July 18, 2003

May 2006
Today’s utility-scale wind turbines are constructed using blades that range from 60 to 80 meters long. The blades are made of advanced materials such as carbon fiber, glass fiber, and Kevlar. The blades are attached to the hub, which is made of aluminum or steel, and is designed to rotate in the wind. The hub is connected to the nacelle, which houses the generator and control systems. The nacelle is mounted on a tower, which is typically made of steel, and is designed to support the weight of the turbine and withstand high winds. The tower is typically made of steel, and is designed to support the weight of the turbine and withstand high winds. The generator is a key component of the turbine, converting the mechanical energy from the blades into electrical energy. The electrical output of the generator is typically between 1 and 5 megawatts, depending on the size of the turbine. The electricity is then transmitted to the grid through a network of cables and transformers. In addition to the turbine, a control system is used to monitor and control the operation of the turbine, ensuring that it runs smoothly and efficiently. This control system includes sensors, data loggers, and software that help to optimize the performance of the turbine and ensure the safety of the operators.
### Top 20 States with Wind Energy Resource Potential

The top twenty states for wind energy potential, as measured by annual energy potential in the billions of kWhs, factoring in environmental and land use exclusions for wind class of 3 and higher:

<table>
<thead>
<tr>
<th>Rank</th>
<th>State</th>
<th>Potential (Billion kWhs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>North Dakota</td>
<td>1.210</td>
</tr>
<tr>
<td>2</td>
<td>Texas</td>
<td>1.190</td>
</tr>
<tr>
<td>3</td>
<td>Kansas</td>
<td>1.070</td>
</tr>
<tr>
<td>4</td>
<td>South Dakota</td>
<td>1.030</td>
</tr>
<tr>
<td>5</td>
<td>Montana</td>
<td>1.020</td>
</tr>
<tr>
<td>6</td>
<td>Nebraska</td>
<td>868</td>
</tr>
<tr>
<td>7</td>
<td>Wyoming</td>
<td>747</td>
</tr>
<tr>
<td>8</td>
<td>Oklahoma</td>
<td>725</td>
</tr>
<tr>
<td>9</td>
<td>Minnesota</td>
<td>657</td>
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<tr>
<td>10</td>
<td>Iowa</td>
<td>551</td>
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<tr>
<td>11</td>
<td>Colorado</td>
<td>431</td>
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<tr>
<td>12</td>
<td>New Mexico</td>
<td>436</td>
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<tr>
<td>13</td>
<td>Idaho</td>
<td>73</td>
</tr>
<tr>
<td>14</td>
<td>Michigan</td>
<td>65</td>
</tr>
<tr>
<td>15</td>
<td>New York</td>
<td>62</td>
</tr>
<tr>
<td>16</td>
<td>Illinois</td>
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<tr>
<td>17</td>
<td>California</td>
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<tr>
<td>18</td>
<td>Wisconsin</td>
<td>58</td>
</tr>
<tr>
<td>19</td>
<td>Maine</td>
<td>56</td>
</tr>
<tr>
<td>20</td>
<td>Missouri</td>
<td>52</td>
</tr>
</tbody>
</table>

(As of 03/31/2009)

### State:
- Michigan

### Status:
- Existing

### Power Capacity
- Existing Projects [MW]: 128.74
- Projects Under Construction [MW]: 0

### Rank in US
- By Existing Capacity: 24
- By Potential Capacity: 14

### Potential Capacity [MW]:
- 746.6

### Annual Energy Production [kWh]: 65

### Areas of Interest

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Power Capacity [MW]</th>
<th>Units</th>
<th>Turbine Mfr.</th>
<th>Developer</th>
<th>Owner</th>
<th>Power Purchaser</th>
<th>Year Online</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michigan Wind 1</td>
<td>Huron County</td>
<td>6.9</td>
<td>46</td>
<td>GE Energy</td>
<td>Triangle Environmental Power</td>
<td>John Deere Wind</td>
<td>Consumers Energy</td>
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<td>Slanty Corners</td>
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<td>9</td>
<td>2</td>
<td>Furlender</td>
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<td>DTE Energy</td>
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<td>Harvest Wind Farm</td>
<td>Saugatuck</td>
<td>52.6</td>
<td>19</td>
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<td>John Deere Wind Energy</td>
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<td>Lake Elementary</td>
<td>Pagetown</td>
<td>0.1</td>
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<td>Nordtank</td>
<td>Mackinaw City Power</td>
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<td>1.8</td>
<td>6</td>
<td>Vestas</td>
<td>Traverse City Light &amp; Power</td>
<td>Traverse City Light &amp; Power</td>
<td>Traverse City Light &amp; Power</td>
<td>1999</td>
</tr>
</tbody>
</table>

Sort table by a specific column by clicking on its heading.
Michigan: Favored by geography with abundant wind supply and primed for wind energy growth as one of only four states rated with sufficient industrial capacity to manufacture, innovate and deploy wind turbine technology.
Wind Resource

The demand for alternative energy sources like wind power is about to explode, and Michigan is acting boldly and decisively to be the state that develops the technologies, manufactures the products and creates the new green jobs that will help end our nation's dependence on foreign oil.

Cutwight Power: Michigan uses about 20,000 megawatts (MW) of electricity a year. It currently generates 120 MW of power from wind, most of which comes from John Deere Renewable Energy's Michigan Wind Farm 1, a 46-turbine farm near Utica (Southeast Michigan).

Power Potential: Research by Michigan's Department of Energy, Labor and Economic Growth indicates the state could potentially generate 18,584 MW of power on land and an additional 46,766 MW offshore. In addition, the National Renewable Energy Laboratory (NREL) estimates Michigan has more than 14,000 MW of usable offshore capacity. Many of the challenges of traditional offshore, such as ice, strong currents and saltwater, do not exist in the Great Lakes.

Driving Demand: A Renewable Fuels Standard (RFS) requiring that 10 percent of the state's energy needs be generated from renewable sources by 2015 is driving demand and investment. Upwards of 1,000 new wind turbines will be required to meet that mandate. Michigan system content will be awarded ten Renewable Energy Credits (REC).

Supplier Opportunity: Michigan is ranked as one of three states that will contribute more than 20 percent of a national energy portfolio of 20 percent wind energy by 2030. This represents a tremendous development and manufacturing opportunity for Michigan businesses able to meet the demand.

Green Power Companies: Inc. (NASDAQ: GM) and MISO (Midwest Independent System Operator).
Technical Talent: The most important legacy of 100 years of manufacturing innovation is Michigan's continuing ability to grow and attract the world's best engineering, design and technical talent.
RESOLUTION NO. ___________  FULL BOARD MEETING DATE: ____________

AGENDA ITEM: ________________

MACOMB COUNTY, MICHIGAN

RESOLUTION TO Support the County's Efforts to Host Chinese Business in Michigan and Chinese-American Leaders in Michigan to become more familiar with Macomb County on June 26, 2009

INTRODUCED BY: Commissioners James Carabelli and Edward Bruley, Co-Chairs, Planning and Economic Development Committee

COMMITTEE/MEETING DATE

Planning and Economic Development      5-13-09
RESOLUTION NO. 

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and file the Report on the Citation Avenue Access Management Plan

INTRODUCED BY: Commissioners James Carabelli and Edward Bruley, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

10A

... P..O... 5213 08
MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and File the Report on the Countywide Trail Master Plan

INTRODUCED BY: Commissioners James Carabelli and Edward Bulley, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

PREP: ___________ 5/13/00 _______
RESOLUTION NO. ____________

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and File the Report on the University of Michigan Urban Planning Projects

INTRODUCED BY: Commissioners James Carabelli and Edward Bruley, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

______ . PDC. __________ 5/13/09
RESOLUTION DESIGNATING APRIL 1, 2010 AS CENSUS DAY IN Macomb County AND Assistance to Communities to Promote the Census and Citizen Participation

WHEREAS, the kick off day for the 2010 Census is April 1, 2010; and

WHEREAS, more than $500 billion per year in federal and state funding is allocated to states and communities based on census data; and

WHEREAS, the 2010 Census creates jobs that stimulate economic growth and increase employment opportunities in our community; and

WHEREAS, The Macomb County Planning and Economic Development Department uses this data to develop promotional packages to promote the attraction and retention of businesses.

WHEREAS, an accurate census count is vital to our community and residents’ well-being by helping planners determine where to locate schools, daycare centers, roads and public transportation, hospitals and other facilities, and is used to make decisions concerning business growth and housing needs; and

WHEREAS, census data shapes Congressional representation by determining how many seats each state will have in the U.S. House of Representatives as well as the redistricting of state legislatures, county and city councils, and voting districts; and

WHEREAS, the information collected by the census is protected by law and remains confidential for 72 years; and

WHEREAS, as a 2010 Census partner, Macomb County Communities with the assistance of the Macomb County Planning and Economic Development Department will support the goals and ideals for the 2010 Census and will disseminate 2010 Census information to encourage community participation, encourage people in Macomb County, Michigan to place an emphasis on the 2010 Census and to participate in events that will have overall awareness of the 2010 Census to ensure a full and accurate count.

THEREFORE BE IT RESOLVED that the Macomb County Board of Commissioners hereby designates April 1, 2010 as Census Day in Macomb County and supports the efforts of the Macomb County Planning and Economic Development Department in an effort to obtain a 100% count for the 2010 Census.
2010 CENSUS: IT’S IN OUR HANDS
What You Need to Know about the 2010 Census

In 2010 the U.S. census will define who we are as a nation. Taken every 10 years, the census affects political representation and directs the allocation of billions of dollars in government funding. As a 2010 Census partner, you can educate your community about the importance of participating in this historic event and help ensure no one is left uncounted. You can help your community receive the fiscal and social benefits to which it is entitled. Achieving a complete and accurate 2010 Census is in our hands.

The Census: A Snapshot
- The Census is a once-in-a-decade count of everyone in the United States.
- It provides critical data to policymakers, businesses, and other organizations for making decisions that affect our communities.
- The 2010 Census will be counted by everyone, with everyone counted in all households.

It’s in Our Hands: Your Participation in the 2010 Census Matters
- Each person counted in the Census will help determine how much funding for schools, hospitals, and libraries is available in your area.
- Census data is used to plan new roads, schools, and hospitals.
- Census data helps ensure equal representation in Congress.

Completing the 2010 Census Questionnaire: Simple and Safe
- The Census Bureau is committed to protecting the confidentiality of the data it collects.
- The Census Bureau takes security measures to ensure the confidentiality of the information you provide.
- The Census Bureau is required by law to protect and keep the information you provide confidential.

www.census.gov/2010census
2010 CENSUS: Frequently Asked Questions

Why should everyone participate in the 2010 Census?

The 2010 Census is not optional. The Constitution requires a once-a-decade counting of the population. The Census Bureau is charged by law to count every person in the United States. The Census Bureau is responsible for providing the population counts that are used to allocate federal funds and services to state and local communities.

How will the 2010 Census differ from previous census efforts?

The Census Bureau has made important improvements to the 2010 Census to reduce the costs of the Census and to improve its accuracy and efficiency. These changes include:

- A new and improved housing form
- More efficient data collection methods
- Improved data accuracy

Will the information the Census Bureau collects remain confidential?

Yes. The Census Bureau is committed to protecting the privacy of the people we count. All the information we collect is kept confidential and is protected by federal law. The Census Bureau is required by law to protect the confidentiality of the information we collect. The Census Bureau does not disclose any individual person's responses to any government agency at any level. The Census Bureau is prohibited from sharing any personal information at any level.

Why are partners so important to the 2010 Census campaign?

The Census Bureau needs your help! Without your help, the Census Bureau cannot deliver an accurate count. The Census Bureau is not able to count everyone in the United States without the help of communities across the country. Your help is needed to ensure that everyone is counted.

2010 Census Timeline: Key Dates

- Fall 2008: U.S. Census Bureau announces the start of the 2010 Census
- Spring 2009: Census.gov goes live
- Fall 2009: Census Bureau begins mail test run
- February - March 2010: Census Bureau begins the 2010 Census mail test run
- April 1, 2010: Census Day
- April - July 2010: Census Bureau begins the 2010 Census field work
- December 2010: Census Bureau completes the 2010 Census field work
- March 2011: Census Bureau completes the 2010 Census

For more information about the 2010 Census, please go to www.census.gov/2010census.
RESOLUTION NO: __________

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize FED to Accept $25,000 from the State of Michigan's Centers for Regional Excellence Program on Behalf of the Van Dyke 8 Mile Gateway Collaborative (V-8 Gateway)

INTRODUCED BY: Commissioners James Carabella and Edward Bruley, Co-Chairs

DESCRIPTION:

During 2008, the Macomb County Department of Planning and Economic Development was successful in assisting the Van Dyke 8 Mile Gateway Collaborative apply for the State of Michigan's "Centers for Regional Excellence" (CRE) program.

The distinction provides additional opportunities for selected groups to apply for a variety of economic development programs offered by State agencies including the Department of Transportation, Department of Natural Resources and others. In addition, CRE's are awarded $25,000 to apply toward activities designed to enhance regional collaboration resulting in shared benefits.

The V-8 Gateway will use funding to develop and support an association of businesses that are located within the defined district (between Mound and Harper; and Six and Ten Mile Roads within the cities of Center Line, Detroit and Warren).

The Macomb County Department of Planning & Economic Development will serve as fiduciary of grant funds at no additional cost to the County.

COMMITTEE/MEETING DATE

PHD 5-13-09
RESOLUTION NO. _____ _____ _____

FULL BOARD MEETING DATE: _____ _____

AGENDA ITEM: _____ _____ _____

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorization to enroll in the Rebuild Michigan Program for the purpose of conducting a technical energy analysis for the following buildings:

County Building, Court Building, Jail, Southeast Health Center, & Verkuijlen Building

INTRODUCED BY: Commissioner Toni Manceri

Ad Hoc Committee on Energy

COMMITTEE/MEETING DATE

Ad Hoc Committee on Energy May 5, 2009 APPROVED

PED 5-13-09
Rebuild MI

Advantages

Rebuild MI helps public facility managers:

- Reduce operating costs
- Increase occupant comfort & productivity
- Pay for projects through energy cost savings
- Raise public awareness & support for energy efficiency
- Increase building system equipment life
- Increase funding for core activities
- Limit harmful emissions
- Showcase leadership & environmental stewardship

More than 550 schools, colleges and municipalities have benefited from Rebuild MI.
This agreement between the Michigan Department of Energy, Labor & Economic Growth, Bureau of Energy Systems (BES) and the [ ] outlines each organization's responsibilities for participating in the Rebuild Michigan program. Rebuild Michigan fosters partnerships that promote increased energy efficiency and renewable energy within a community. Rebuild Michigan provides services to public schools, community colleges, universities, public housing commissions, and local governments to encourage energy efficiency improvements in their facilities. Assistance includes an assessment of energy savings potential for each building, recommendation of improvements, and consultation regarding next steps (including an appropriate level of engineering services for Technical Energy Analyses (TEA) project). A consultant's directory, project financing information, and project troubleshooting are also offered.

The Enrollee agrees to:
- Designate an organization representative to serve as the principal contact with BES.
- Provide specific information for each participating building (see page 2).
- Present the Introductory Energy Evaluation report (prepared by BES) to the appropriate governing body, committee, or individual responsible for approving an energy efficiency project.

If energy efficiency potential is identified the Enrollee agrees to:
- Participate in a planning session with BES staff to discuss/establish enrollee interest in undertaking an energy efficiency project and to determine what BES support services will be needed.

If Enrollee decides to pursue a TEA or performance contract, the Enrollee agrees to:
- Contract with TEA analyst or Energy Service Co. (ESC) to complete a TEA for each participating building. (Guidelines are available from the BES for quality assurance.)
- Direct their selected TEA analyst or ESC to forward a draft copy of the TEA report to BES for review and approval, prior to organization's acceptance.
- Present TEA/performance contract recommendations to the appropriate governing body, committee, or individual responsible for authorizing the recommended energy efficiency projects.

When authorized to implement the projects, the Enrollee agrees to:
- Provide a description & cost of the installed energy efficiency measures and copies of current utility bills for participating buildings to the BES as reasonably requested.

The Bureau of Energy Systems agrees to:
- Analyze the previous 12-months of energy usage for each participating building (up to 10 buildings or a maximum of 750,000 ft²), conduct a walk-through of each building and provide the Enrollee with a written report on their relative energy efficiency and areas for potential savings.
- Maintain a directory of consultant firms that conduct TEAs and participate in the Rebuild Michigan Program.
- Review all Technical Energy Analyses for quality, accuracy, and completeness.
- Assist enrollee in resolving technical issues that may arise during project installation.
- Assist enrollee in evaluating first year energy savings and other project benefits.
Contact/Building Information

Contact Person & Title: ____________________________

Ph. #: __________________ Fax #: __________________ Email: __________________

Address: __________________

City: __________________ State: Michigan Zip Code: __________________

Rebuild Michigan Project Buildings:

<table>
<thead>
<tr>
<th>Building Name</th>
<th>Address</th>
<th>Sq. Ft</th>
<th>Yr. Built</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>2</td>
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<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Most recent 12 months of utility data (or copies of utility bills) is required for each building listed.

Planning Questions: (500 character maximum. Attach additional sheet(s) if necessary)

1. What are your goals for building performance and energy reduction? ____________________________
2. How will building energy improvements fit in with other organization priorities?

3. What financing options and sources are you considering for building improvements?

4. What is your likely timeframe for developing and completing an energy efficiency project?

[Signatures and dates]

Bureau of Energy Systems, MI Department of Energy, Labor & Economic Growth:

[Signatures and dates]
RESOLUTION NO. ___________________  FULL BOARD MEETING DATE:
AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize PED to Coordinate the Preparation of the BECDBG Proposal in Time for the June 25 Deadline

INTRODUCED BY: Commissioner Toni Marcq, Chair of the Ad Hoc Committee on Energy

DESCRIPTION:

See Attached

COMMITTEE/MEETING DATE

Ad Hoc Committee on Energy 4-29-09  Adopted

Rec 5-13-09
Overview
American Reinvestment and Recovery Act
Energy Efficiency and Conservation Block Grant (EECDBG)

designed by the Macomb County Department of Planning & Economic Development

Purpose; to assist eligible entities in creating and implementing strategies to:

- Reduce fossil fuel emissions in a manner that is environmentally sustainable and, to the maximum extent practicable, maximizes the benefits for local and regional communities;
- To reduce the total energy use of the eligible entities; and
- To improve energy efficiency in the building sector, the transportation sector and other appropriate sectors.

Desired program outcomes include:

- Increased energy efficiency, reduced energy consumption and reduced energy costs through efficiency improvements in the building, transportation and other appropriate sectors;
- New jobs and increased productivity to spur economic growth and community development;
- Accelerated deployment of market ready distributed renewable energy technologies, including wind, solar, geothermal, hydropower, biomass and hydrogen technologies;
- Improved coordination of energy-related policies and programs across jurisdictional levels of government and with other local and community level programs in order to maximize the impact of this program on long-term local priorities;
- Increase security, resilience and reliability of energy generation and transmission infrastructure;
- Leverage of the resources of federal, state and local government, utilities and utility regulators, private sector and nonprofit organizations to maximize the resulting energy, economic and environmental benefits; and
- Widespread use of innovative financial mechanisms that transform markets.

Eligible activities include:

- Development of an "Energy Efficiency and Conservation Strategy" required of all recipients
- Technical consultant services
- Residential and commercial building energy audits
- Financial incentive programs
- Energy Efficiency retrofits
- Energy Efficiency and Conservation program for buildings and facilities
- Development and implementation of transportation programs
- Building codes and inspections
- Energy distribution
- Material conservation programs
- Reduction and capture of methane and greenhouse gases
- Traffic signals and street lighting
- Renewable energy technologies on government buildings
- Any other appropriate activity
Energy Efficiency and Conservation Strategy (EECS)
All applications must submit an EECS. LRGs have the option of submitting the EECS no later than 120 days after the effective date of the award. The EECS will address the following:

1. Describe your government’s proposed EECS. Provide a concise summary of your measurable goals and objectives, which should be aligned with the defined purposes and eligible activities of the EECS program. These goals and objectives should be comprehensive and maximize benefits community-wide. Provide a schedule or timetable for major milestones. If your government has an existing energy, climate, or other related strategy please describe how these strategies related to each other.

2. Describe your government’s proposed implementation plan for the use of EECS program funds to assist you in achieving the goals and objectives outlined in question #1. Your description should include a summary of the activities submitted on your activity worksheets and how each activity supports one or more of your strategy’s goals/objectives.

3. Describe how your government is taking into account the proposed implementation plans and activities for use of funds by adjacent units of local government that are grant recipients under the program.

4. Describe how your government will coordinate and share information with the state in which you are located regarding activities carried out with grant funds to maximize energy efficiency and conservation benefits.

5. Describe how this plan has been designed to ensure that it sustains benefits beyond the EECS funding period.

6. The President has made it clear that every taxpayer dollar spent on our economic recovery must be subject to unprecedented levels of transparency and accountability. Describe the auditing or monitoring procedures currently in place or that will be in place (by what date) to ensure that funds are used for authorized purposes and every step is taken to prevent instances of fraud, waste, error, and abuse.

Funding restrictions
Up to 10 percent of $75,000, whichever is greater, of grant funds may be used for administrative expenses, excluding the cost of meeting the reporting requirements of the program. Administrative costs are the allowable, reasonable and allocable direct and indirect costs related to overall management of the awarded grant.

Up to 20 percent of $230,000, whichever is greater, of grant funds may be used to establish a revolving loan fund.

Up to 20 percent of $230,000, whichever is greater, of grant funds may be used for the provision of subgrants to non-governmental organizations for the purposes of assisting in the implementation of the Energy Efficiency and Conservation Strategy.

Timeline
Applications are due June 25, 2009 by 8 p.m., eastern time. Applicants must be registered with...
- All 50 states plus the District of Columbia and territories of the United States (Puerto Rico, The U.S. Virgin Islands, American Samoa, Guam and the Commonwealth of the Northern Mariana Islands)
- Cities with a population of more than 35,000 (or the ten most populated cities within a state)
- Counties with a population of more than 200,000 (or the ten most populated counties within a state)

Allocations

The American Recovery and Reinvestment Act of 2009 appropriated $3.2 billion for EECICS for fiscal year 2009. Of that:

- $1,383,384,000 for formula grants to eligible cities and counties
- $767,480,000 for formula grants to states
- $541,910,000 for formula grants to eligible Indian tribes

DOE will retain $89 million to provide technical assistance and training for grantees under the program. Each state is required to passocument less than 60 percent of its allocation through to cities and counties within the state that are ineligible for direct formula grants.

Specifically, the State of Michigan (Energy Office) will receive $19,599,600. In Macomb:

<table>
<thead>
<tr>
<th>Entitlement Community</th>
<th>Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chesterfield Township</td>
<td>181,100</td>
</tr>
<tr>
<td>Clinton Township</td>
<td>894,000</td>
</tr>
<tr>
<td>Macon Township</td>
<td>610,200</td>
</tr>
<tr>
<td>Roseville</td>
<td>192,600</td>
</tr>
<tr>
<td>Shelby Township</td>
<td>651,200</td>
</tr>
<tr>
<td>St. Clair Shores</td>
<td>844,000</td>
</tr>
<tr>
<td>Sterling Heights</td>
<td>1,304,800</td>
</tr>
<tr>
<td>Warren</td>
<td>1,558,600</td>
</tr>
<tr>
<td>Macomb County</td>
<td>746,400</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$6,388,500</strong></td>
</tr>
</tbody>
</table>

All funds must be obligated/committed within 18 months of the effective date of the award and expended within 36 months of the effective date of award. (It is anticipated that awards will be announced within 90 days of submittal)

Eligible entities receiving more than $250,000 but less than $2 million may receive up to $250,000 for development of the EECICS and approved activities. The EECICS is required within 120 days of the effective date of the award. The balance of the allocation will be obligated upon DOE approval of the EECICS.

Cost Sharing

Not required; however, leveraging of funds by grantees is encouraged in order to maximize the total additional energy-related benefits resulting from the program.
RECYCLABLE PAPER
RESOLUTION NO. ____________

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the Contract with the E.P.A. for the Award of $200,000 for Initiation of the Brownfield Petroleum Substance Assessment Grant

INTRODUCED BY: Commissioners James Capabella and Edward Beale, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

5/13/09
Resolution to contract with USEPA for BF Grant BF00E82401-0 for Petroleum Materials:

Resolution to approve the contract with United States Environmental Protection Agency (EPA Region 5) for the award of $200,000 for initiation of the Brownfield Petroleum Substances Assessment Grant with Macomb County. The Grant is to commence in 2009 and run through January 2012, or until grant funds are diminished. Grant BF00E82401-0 for Petroleum Materials.

Budget includes:

**BUDGET:**

Macomb County has received notice of one $200,000 grant award for assessment of petroleum-contaminated sites. A following budget table has been prepared representing the tasks and costs associated with the grant.

<table>
<thead>
<tr>
<th>Budget Categories</th>
<th>Task 1: Inventory</th>
<th>Task 2: Environmental Assessments</th>
<th>Task 3: Community Outreach</th>
<th>Task 4: Policy Development</th>
<th>Task 5: Eligible Programmatic Expenses</th>
<th>Totals</th>
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<tr>
<td>Personnel</td>
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<td>Contractual</td>
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<td>$4,000</td>
<td>$27,000</td>
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</tr>
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</table>

**Personnel and Fringe Benefits:** All County personnel & fringe benefit costs included in this budget are to cover eligible programmatic costs only. Budget figures for each category are estimated at $50.00/hour for personnel & fringe benefits, i.e., the $2,000 budgeted for community outreach reflects 40 hours of programmatic staff time. Key personnel includes Gerard Santoro, who will be spending approximately 15% of his time on grant implementation.

**Travel:** Total anticipated expenditures for travel is $5,000. This figure accounts for the costs associated with EPA training and regional and national conference attendance by one or more representatives of the staff involved with the assessment project during the three years of the grant funding cycle. Regional conferences may include conferences similar to the Michigan Brownfields Association Conference. Annual Conferences will be those hosted by the EPA. All conference travel will be authorized with EPA Region 5 staff, prior to registration. The following is an estimated Travel Expense Budget Detail.
Equipment: $3,500 is needed to keep equipment up to date. However, in the course of the project, there may be an identified need for equipment, such as field equipment, digital camera equipment, and computer software or hardware. A request will be made to the EPA for a line item transfer in such cases. Prior to any equipment purchases, the project manager will seek pre-approval from EPA Region 5 staff.

Supplies: The total anticipated cost of supplies is $4,500. Expenditures for supplies would include costs associated with the publication, preparation, and distribution of community involvement and outreach materials.

Contractual: The total anticipated cost for contractual services is $171,000 for the petroleum grant. This figure accounts for the costs associated with the selected environmental consultants for the development of the inventory and GIS website, preparation of one QAPP for petroleum contamitants, and the conduct of, and reporting on, the Phase I and Phase II Environmental Site Assessments, BEAs and Brownfield Plans.

<table>
<thead>
<tr>
<th>Tasks</th>
<th>Number of Sites</th>
<th>Cost per Site</th>
<th>Total Cost</th>
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<tbody>
<tr>
<td>Inventory</td>
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<tr>
<td>QAPP and HASP</td>
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<tr>
<td>Phase I ESA</td>
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<tr>
<td>Phase II ESA</td>
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<tr>
<td>BEA/Due Care Plan</td>
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<td>$3,000</td>
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<tr>
<td>Brownfield Plans</td>
<td>2</td>
<td>$2,500</td>
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<tr>
<td>Outreach</td>
<td></td>
<td></td>
<td>$2,000</td>
</tr>
<tr>
<td>Policy Development</td>
<td></td>
<td></td>
<td>$2,000</td>
</tr>
<tr>
<td>Program Expenses</td>
<td></td>
<td></td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>$171,000</strong></td>
</tr>
</tbody>
</table>

*average

PROJECT MANAGER:

Gerard Santoro, AICP, Senior Planner, MUPED
Recipients Name and Address:

County of Macomb
Attn: Gerard Santoro
1 South Main Street
7th Floor
Mount Clemens, MI 48043

Assistance # BF00E02401-0

☐ Notice of Award/Assistance Agreement
☐ Assistance Amendment

Increase | Decrease

Time Extension | Administrative Changes

Enclosed are two copies of an Assistance Agreement from the U.S. Environmental Protection Agency.

To provide your affirmation of this award, please carefully review the entire document, terms and conditions, and any applicable regulations. Please sign and date the Affirmation of Award section on the first page and return one original copy to the following address within 21 days of your receipt of the Assistance Agreement.

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 5
ASSISTANCE SECTION
77 WEST JACKSON BOULEVARD, MC-10J
CHICAGO, ILLINOIS 60604

Attn: Francisca Ramos, EPA Grant Specialist

The other original should be retained for your official records and copies distributed within your organization as needed. Please note that funds will not be available for drawdown until we receive your countersigned affirmation of this award. If this Notice of Award includes any terms and conditions requiring signed certifications or assurances, you must return them with the signed agreement.

Please reference the EPA Assistance Number on all future correspondence regarding this Assistance Agreement. If you have any questions, you may contact the Project Officer (programmatic concerns) or the Grant Specialist (administrative concerns), as identified on page one of the Assistance Agreement.

1 MUST be signed by the authorized representative as shown on the Assistance Agreement signature block or by a formally authorized delegate.

2 Failure to countersign and return within (21) days of receipt may result in withdrawal of this agreement.

U.S. Environmental Protection Agency
Region 5
Assistance Section
Francisc Rames, 312-886-5945
EPA R5

Gerard Santoro
MA CO MI - Macomb County Michigan
1 South Main Street, 7th Floor
Macomb MI 48043

Your EPA Grant Application Lited, County of Macomb, was renewed on 01/12/2009 by the Assistance Section of EPA R5. It has been assigned the Grant Number 80E82461-0 for future tracking purposes. The application was forwarded to Craig Markowski (312) 686-9483, who will coordinate the programmatic review of the application, on 01/12/2009.

Please contact me if you have any additional questions.

Sincerely,

Artie Avant

[Signature]
RESOLUTION NO. __________

FULL BOARD MEETING DATE: __________

AGENDA ITEM: __________

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve the Contract with the E.P.A. for the Award of $300,000 for Continuation of the Brownfield Hazardous Substances Assessment Grant

INTRODUCED BY: Commissioners James Carabelli and Edward Braley, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

________________________

5/13/09
Resolution to contract with USEPA for BF Grant BFOOE82501-0 for Hazardous Materials:

Resolution to approve the contract with United States Environmental Protection Agency (USEPA Region 5) for the award of $200,000 for continuation of the Brownfield Hazardous Substances Assessment Grant with Madison County. The Grant is to commence in 2009 and run through January 2012, or until grant funds are diminished. Grant BFOOE82501-0 for Hazardous Materials.

Budget includes:

**Budget**

<table>
<thead>
<tr>
<th>Budget Categories</th>
<th>Outreach and Inventory</th>
<th>Phase I ESAs</th>
<th>Phase II Assessments</th>
<th>Baseline Assessment</th>
<th>Hazardous Materials Survey</th>
<th>Total</th>
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</thead>
<tbody>
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<td>$9,000</td>
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<tr>
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<td>$19,000</td>
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<td><strong>Totals</strong></td>
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<td>$40,000</td>
<td>$57,000</td>
<td>$9,000</td>
<td></td>
</tr>
</tbody>
</table>

**Budget Details by Task**

**Outreach and Inventory**: MOPED staff will spend an average of 10 hours per week on this project x 52 weeks for a total of 520 hours annually. The budget reflects a request to fund one half of this expense over a two-year period (1,040 hours  520 hours x $50 salary/benefits = $26,000).

**Travel**: Also included under this task is travel to workshops related to brownfield redevelopment, including:

- **EPA Region 5’s “Grants Administration Workshop”:** $350 Lodging + $250 Travel Costs + $200 Additional Costs = $800
- **EPA Region 5’s “Nuts & Bolts Conference”:** $350 Registration + $500 Lodging + $700 Travel + $550 Additional Expenses + $2100 x Two (2) MOPED Staff = $4200
- **EPA National Conference:** $500 Lodging + $600 Travel + $900 Air Fare + $400 Additional Expenses = $2500. Travel to be booked Spring 2009 for Fall BF Conference. Project Manager Gerard Santos in attendance.

**Supplies**: Reflects an estimate for costs associated with producing materials for outreach efforts to the public.
Contractual: This to enlist the assistance of an environmental consultant for outreach efforts.

Phase I Assessments: A *contractual* environmental consultant will conduct ASTM Phase I Environmental Site Assessments on approximately 20 prioritized sites at an estimated cost of $2,200 per site.

Phase II Assessments: A *contractual* environmental consultant will conduct ASTM Phase II Environmental Site Assessments on approximately 5 - 10 sites at an estimated cost of $9,000 per site.

Baseline Environmental Assessments (BEA) Due Care Plans: A *contractual* environmental consultant will conduct Baseline Environmental Assessments (BEA) at an estimated cost of $3,000 per site as appropriate.

Hazardous Materials Survey: A *contractual* environmental consultant will conduct Hazardous Materials Survey prior to building demolition at an estimated cost of $5,000 per site as appropriate.

Project Manager:
Gerard Santoro, AICP, Senior Planner: MCPED
Notice of Award/Assistance Agreement

Enclosed are two copies of an Assistance Agreement from the U.S. Environmental Protection Agency.

To provide your affirmation of this award, please carefully review the entire document, terms and conditions, and any applicable regulations. Please sign and date the Affirmation of Award section on the first page and return one original copy to the following address within 21 days of your receipt of the Assistance Agreement:

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 5
ASSISTANCE SECTION
11 WEST JACKSON BOULEVARD, MC-10J
CHICAGO, ILLINOIS 60604

ATTN: Francisca Ramos, EPA Grant Specialist

The other original should be retained for your official records and copies distributed within your organization as needed. Please note that funds will not be available for drawdown until we receive your countersigned affirmation of this award. If the Notice of Award includes any terms and conditions requiring signed certifications or assurances, you must return them with the signed agreement.

Please reference the EPA Assistance Number on all future correspondences regarding this Assistance Agreement. If you have any questions, you may contact the Project Officer (programmatic concerns) or the Grant Specialist (administrative concerns), as identified on page one of the Assistance Agreement.

1 MUST be signed by the authorized representative as shown on the Assistance Agreement signature block or by a formally authorized delegate.

2 Failure to countersign and return within (21) days of receipt may result in withdrawal of this agreement.

U.S. Environmental Protection Agency
Region 5
Assistance Section
Gerard Santoro  
M A C O M I - M ac omb C ounty M ichigan  
1 South Main Street, 7th Floor  
Macomb, MI 48043

Your EPA Grant Application titled, County of Macomb Haz. Sub., was received on 01/12/2009 by the Assistance Section of EPA R5. It has been assigned the Grant Number 00E82501-0 for future tracking purposes. The application was forwarded to Craig Mankowski (312) 886-9403 who will coordinate the programmatic review of the application on 01/12/2009.

Please contact me if you have any additional questions.

Sincerely,

Artie Avant

[Signature]
RESOLUTION NO. ____________

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and File the Report on the Coastal Zone Management Program Grant

INTRODUCED BY: Commissioners James Carabelli and Edward Breley, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

6/12/09
Michigan Department of Environmental Quality
Coastal Management Program Grant Application
Lake St. Clair Watershed Habitat Protection & Restoration Plan

COUNTY OF ST. CLAIR
**Coastal Management Program Grant Application**

Application must be completed for project to be considered for funding.

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Lake St. Clair Watershed Habitat Protection and Restoration Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Location</td>
<td>Natural land and waters of Lake St. Clair, County: Macomb &amp; St. Clair</td>
</tr>
</tbody>
</table>

**Great Lakes or Companion Waterway**

<table>
<thead>
<tr>
<th>St. Clair River Watershed</th>
</tr>
</thead>
</table>

**Congressional District**

| 10 (12) 11 22 27 (22) 27 |

**State House District**

| 26 33 33 33 33 33 33 |

**Amount of Grant Applied for**

| $56,000 (Round to nearest $500) |

**Amount of Match**

| $8,000 (in kind) |

**Estimated Total Project Cost**

| $58,000 |

**Applicant Name**

| County of Macomb |

**Street Address**

| 88 Main, 7th Floor, Planning & Economic Dev. |

**State**

| MI |

**City**

| Mount Clemens |

**Telephone**

| 586-6285 |

**E-mail Address**

| gerard.santoro@macombcounty.mi.gov |

**Authorized Representative Name**

| Stephen R. Cassin |

**Executive Director**

| Dept. of Planning |

**Project Contact**

| Gerard Santoro |

**Telephone**

| 586-645-6443 |

**Project Location (Land Description)**

| Counties of Macomb and St. Clair |

**CERTIFICATION:**

I certify that all statements in this application, including all requested supplemental information, are true, complete and accurate to the best of my knowledge.

**Authorized Representative Signature**

**Date**

---

**Coastal Management Program**

**Environmental Science and Services Division**

**Department of Environmental Quality**

**PO Box 3059**

**Lansing, MI 48902-3059**

**Telephone**

| 517-339-3399 |

**Street Address (for overnight delivery, only)**

| North Tower 14th Floor |

| 920 W. Allegan |

| Lansing, MI 48933 |
Department of Environmental Quality
Coastal Management Program Grant Application

Project Title: Lake St. Clair Watershed Habitat Protection and Restoration Plan

Proposal for Year 2010 Funding

By Macomb County Department of Planning & Economic Development

Submitted May 1, 2009

Authorized Representative:
Stephen N. Cassin, Director Macomb County Department of Planning & Economic Development

Project Description and Rationale
The Lake St. Clair area has been targeted for increased habitat conservation and restoration by a large number of organizations due to its unique natural assets. The St. Clair delta is the only major river delta in the Great lakes and the largest freshwater delta in the world. The delta’s wetlands provide important feeding and resting habitats at a critical location along the Mississippi and Atlantic flyways, and are internationally recognized as being of continental significance to hundreds of thousands of migratory waterfowl, shorebirds, and songbirds. In addition, the Lake St. Clair marshes provide valuable habitat to over 65 species of fish for spawning, nursery areas, shelter or feeding. Prior to European settlement, beach maple forests, found on the well-drained sites, dominated the landscape. Mixed hardwood swamps often occupied large depressions adjacent to these forests, and southern floodplain forests were found on the floodplains along the major rivers. Most significantly, vast expanses of marsh complexes, containing both lakeplain prairie and oak openings, covered the coastal areas and provided some of the most outstanding wetland bird and fish habitat in the Great Lakes region.

The Lake St. Clair watershed has experienced a long history of human settlement due to its rich natural resources and key location along the Great Lakes trade routes. By the early 1900's settlers converted much of the native forests, wetlands, and prairies into agricultural lands. The area has also been home to a major ship building industry in the delta, salt mining companies, oil production, and Great Lakes shipping. To accommodate increased demand for residential development, roads and railroads were built through marshes and prairies, and natural levees were modified by bulkheading for cottages. Nearly all
the coastal wetlands and other natural habitat to fragile and terrestrial plants historically sustained Lake St. Clair have been degraded or lost as industry, urbanization, commercial agriculture and suburban development have reshaped the landscape. Channel modification, filling, draining of wetlands, land clearing and habitat fragmentation have dramatically altered the integrity of the coastal zone. Other major threats resulting from these changes include invasive species such as phragmites and zebra mussels, sedimentation, and pollution.

Despite these dramatic changes to the landscape, the Lake St. Clair coastal area is currently home to several occurrences of three globally imperiled natural communities: lakeplain prairie, lakeplain sedge openings, and Great Lakes marsh. Numerous rare plants and animals associated with these rare communities can still be found within the coastal region of the lake. Examples of some of these animals include king rail, black tern, hooper's tern, least bittern, black crowned night heron, bald eagle, marsh hen, eastern least snake, northern harrier, and spotted turtle. A few examples of rare plants include Sullivant's milkweed, white lady's slipper orchid, eastern prairie fringed orchid, and Skamnia's geranium.

Management of Lake St. Clair and its watershed has been addressed at least partially by numerous plans such as the Lake St. Clair Management Plan, the Lake Erie Lake Area Management Plan, and several Area of Concern plans. To date, most environmental protection efforts within the watershed have focused on eliminating point and nonpoint source pollution from the tributaries to improve overall water quality within the lake. However, an important component of the long-term ecological health of Lake St. Clair that has not received sufficient attention, direction, or funding is the protection and enhancement of large landscape complexes, important natural communities, and associated plants and animals. Habitat restoration was identified as one of the top priorities of the Lake St. Clair Comprehensive Management Plan and SWMOA's Water Quality Management Plan for Southeast Michigan supports the protection, enhancement, and restoration of the physical and biological integrity of the waters of Southeast Michigan. The recently published Michigan Great Lakes Plan for Protection and Restoration identified the need for both protection and restoration of critical fish and wildlife habitat and sustainable development as key priorities.

In addition, the Lake St. Clair Coastal Halibut has identified several key recommendations for protecting and restoring ecological integrity: 1) protect an adequate number of viable natural community occurrences; 2) improve ecological conditions of degraded natural communities; 3) increase acreage of underrepresented natural communities; 4) protect an adequate number of viable occurrences for species in greatest need; 5) maintain and restore landscape integrity and connectivity; and 6) maintain and restore a high degree of surface and ground water quality. With over six million people residing in the coastal counties of the Lake St. Clair watershed on the U.S. side and growing, local communities, local conservation organizations, and state and federal agencies are struggling to identify the most important ecological areas, and the most effective ways to provide for the long-term protection and enhancement of these areas.

The purpose of this three-year project is to develop a strategic conservation action plan for identifying, protecting, and restoring the remaining high ecological value areas (both aquatic and terrestrial) within the southern portion of Lake St. Clair and its watershed. The action plan will be collaboratively developed with a stakeholder team, will identify the best set of strategies and actions for ensuring the long-term sustainability of each site, this plan will serve as the basis for developing funding proposals and identifying specific actions, procedures and costs for implementation, protecting and enhancing these important ecological areas. To complete the entire funding for implementation of the action plan will be actively sought from a variety of funding sources as opportunities arise such as the Water Resources Development Act (WRDA) of 2007.
Methods
Stakeholder meetings will be held periodically throughout the duration of the project with participating local governments, land conservancies and land owners to discuss the purpose and progress of the project and solicited participation in the planning and implementation processes. As part of this process, a stakeholder team will be developed to assist with identifying the best parcels of lands and streams of rivers for protection and restoration actions, developing strategies and actions, contacting landowners, maintaining momentum, and implementing the action plan.

Potential conservation areas will be identified in both Macomb and St. Clair Counties using the most current GIS data available. Macomb County's potential conservation area data layer (for the entire county) will be updated from 2006, and an initial potential conservation area data layer for St. Clair County will be developed. Sites will be prioritized based on a variety of ecological criteria, information, and data.

These mapping activities will be augmented with on-the-ground site visits by staff scientists to acquire environmental information. Scientists will use aerial photographs, topography data, and other tools to identify specific parcels that appear to be the best candidates for protection and restoration actions. Terrestrial and aquatic scientists will conduct field surveys at the highest priority parcels, lakes, and streams to assess conditions, landscape context, threats, uniqueness, and restoration potential if applicable.

Based on this information and local input, a strategic conservation and restoration action plan will be collaboratively developed for several of the highest ecological value sites in the watershed. The action plan will consider a number of alternatives and tools to identify the best strategies and actions for ensuring the long-term sustainability of each site. This plan will serve as the basis for funding proposals, identifying actions, procedures and costs for acquiring, protecting, or restoring these local sites of high valued habitat.

Funding for implementation of the action plan will be sought from a variety of federal and state agencies and funding sources such as the Water Resources Development Act (WRDA) of 2007, the National Fish and Wildlife Foundation, U.S. Fish and Wildlife Service, NOAA, US EPA GL NPS and the Michigan Department of Natural Resources.

Expected Outcomes
- A strong partnership of local communities, local conservation organizations, and natural resource agencies will be formed.
- A collaboratively developed conservation action plan containing a clear set of actions to achieve the long-term protection and enhancement of sites with the highest ecological value within the southern St. Clair watershed will be developed.
- The conservation action plan will contain the needed information for stakeholders to secure state and federal acquisition, restoration, and mitigation funding, catalyze local conservation efforts, and develop conservation-based zoning ordinances and master plans.
- Ultimately, the implementation of the conservation action plan by the stakeholder team will lead to the long-term sustainability of the Lake St. Clair ecosystem and its surrounding watersheds.
Overall Work Plan
The scale, complexity and logistics of this project require that it be partitioned into a three-year study.

Year I Activities (2010)
The first year of the project will focus on organizing and holding stakeholder meetings in the watershed, identifying and prioritizing natural lands and waters in St. Clair and Macomb Counties for protection and enhancement, and conducting several terrestrial and aquatic site visits to assess on-the-ground environmental conditions.

Schedule of Completion for FY 2010

<table>
<thead>
<tr>
<th>Task</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hold project kick-off stakeholder meetings in Macomb &amp; St. Clair Counties</td>
<td>January 2010</td>
</tr>
<tr>
<td>Complete potential conservation area analysis for Macomb and St. Clair Counties</td>
<td>Jan. - Apr. 2010</td>
</tr>
<tr>
<td>Identify potential high priority parcels for ecological assessments</td>
<td>May-June 2010</td>
</tr>
<tr>
<td>Conduct site visits to 5-10 terrestrial sites and 5-10 aquatic sites</td>
<td>June-Oct. 2010</td>
</tr>
<tr>
<td>Summarize findings from site visits</td>
<td>Nov. 2010</td>
</tr>
<tr>
<td>Write report</td>
<td>Dec.-Feb. 2011</td>
</tr>
<tr>
<td>Submit report</td>
<td>Mar. 1, 2011</td>
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Year II Activities (2011)
The second year of the project will focus on continuing site visits to both terrestrial and aquatic sites. Additional stakeholder meetings will be held as needed. In collaboration with the stakeholder team, we will begin developing the strategic protection and restoration action plan for important ecological sites within the northern portion of the Lake St. Clair watershed. Lastly, the stakeholder team will start developing proposals for implementing specific protection and restoration activities identified to date.

Year III (2012)
The final year of the project will focus on completing several tasks started in year one and two. First, any additional site visits to both terrestrial and aquatic sites will be completed. Second, additional stakeholder meetings will be held as needed. Lastly, the strategic protection and restoration action plan will be completed and approved. The stakeholder team will begin implementation of actions identified in the 2011 funding proposal, and prepare proposals for the next round of implementation projects.
**Project Budget**

This project has received in-kind matching contributions from Macomb County, St Clair County, and the South East Michigan Council of Governments (SEMCOG) (see Appendix A, Letters of Support). Below is a proposed budget for the first year of this project:

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<th>Category</th>
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<tr>
<td>Indirect</td>
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<td><strong>Total Estimated Costs</strong></td>
<td>$94,450</td>
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**References**

April 23, 2009

Anita Catherine C. Ballad
Michigan Coastal Management Program
Environmental Science and Services Division
Michigan Department of Environmental Quality
P.O. Box 2003
Lansing, MI 48906-2003

Dear Ms. Ballad:

I am pleased to be writing this letter on behalf of the St. Clair County Metropolitan Planning Commission to support Macomb and St. Clair County's application for funding from the Coastal Zone Management Program. This letter conveys the Metropolitan Planning Commission's commitment to participate in and provide in-kind services for development and implementation of the Lake St. Clair Watershed Habitat Protection and Restoration Implementation Plan. As many of St. Clair County's unique natural features include valuable resources such as St. John's Marsh, St. Clair Bluffs, and large tracts of woodlands, developing a Habitat Protection and Restoration Implementation Plan for the Lake St. Clair Watershed is essential to protecting and enhancing these important ecological areas.

This project has significant benefit to both local and regional planning efforts. During master planning, an inventory of high value habitat sites can be used to protect these sites from development for purposes of conservation. An inventory can assist site plan review of a proposed development by identifying all high value habitat sites within its vicinity that may be impacted.

The St. Clair County Master Plan has a primary goal of sustaining the health, diversity, and extent of natural resources within the county. This project is consistent with the Vision Based Policy of the County Master Plan. It is also a priority of the St. Clair River and Lake St. Clair Comprehensive Management Plan. Lastly, it is consistent with all subwatershed plans within St. Clair County.

Your consideration of this most worthy project is truly appreciated. The development and implementation of the Lake St. Clair Watershed Habitat Protection and Restoration Implementation Plan will complement ongoing efforts to protect our ample water resources, to increase access to our beautiful coastal amenities, and benefit our residents for many years to come. The Metropolitan Planning Commission stands ready to assist Macomb County as necessary to successfully complete this project.

Sincerely,

Geoffrey Donaldson MUP
Senior Planner
April 29, 2009

Gerry Santoro, Senior Planner  
Macomb County - Planning & Economic Development  
1 S. Main Street, 7th Floor  
Mount Clemens, MI 48083

Dear Gerry:

This letter conveys SEMCOG’s commitment to participate in and provide in-kind services for development and implementation of the Lake St. Clair Watershed Habitat Protection and Restoration Implementation Plan. The purpose of this project is to develop an action plan for identifying, protecting, and restoring the remaining high value ecological areas (both aquatic and terrestrial) within the Lake St. Clair watershed. This plan will serve as the basis for developing funding proposals, and identifying specific actions, procedures and costs for acquiring, protecting and/or enhancing these important ecological areas.

This project has significant benefit to both local and regional planning efforts. During master planning, an inventory of high value habitat sites can be used to protect these sites from development for purposes of conservation. An inventory can assist site plan review of a proposed development by identifying all high value habitat sites within its vicinity that may be impacted.

Regional planning can benefit from an inventory of high value habitat, by incorporating these sites into larger regional recreational or environmental protection projects – such as development of trail systems that cross jurisdictional boundaries.

This project is a priority of the St. Clair River and Lake St. Clair Comprehensive Management Plan. It is also consistent with the goals and policies of SEMCOG’s Water Quality Management Plan for Southeast Michigan. Lastly, it is consistent with all subwatershed plans within the Lake St. Clair Watershed.

New attention must be focused on protecting and conserving the natural resources around Lake St. Clair. Elimination of pollution will not be sufficient to adequately protect and restore Lake St. Clair and its watershed.

If you have any questions, contact me at hersey@semcog.org, or 313-324-3346.

Sincerely,

Chuck Hersey, Manager  
Environmental Programs
Resolution for Macomb County Department of Planning & Economic Development to be the applicant in partnership with Southeast Michigan Council of Governments, the State of Michigan, and St. Clair County for the application of the Michigan Coastal Zone Management Grant. This grant represents the first of three years of granting that is necessary to identify priority Great Lakes (Lake St. Clair) aquatic habitat and terrestrial areas for actual land-based restorative projects under various other future State and Federal funding programs.

The purpose of this project is to develop an action plan for identifying, protecting, and restoring the remaining high value ecological areas (both aquatic and terrestrial) within the Lake St. Clair watershed. This plan will serve as the basis for developing funding proposals, and identifying specific actions, procedures, and costs for acquiring, protecting and/or enhancing these important ecological areas.

This project has significant benefit to both local and regional planning efforts. During master planning, an inventory of high value habitat sites can be used to protect these sites from development for purposes of conservation. An inventory can assist site plan review of a proposed development by identifying all high value habitat sites within its vicinity that may be impacted.

Regional planning can benefit from an inventory of high value habitat by incorporating these sites into larger regional recreational or environmental protection projects—such as development of trail systems or greenways that cross jurisdictional boundaries.

This project is a priority of the St. Clair River and Lake St. Clair Comprehensive Management Plan. It is also consistent with the goals and policies of SEMCOG’s Water Quality Management Plan for Southeast Michigan. Lastly, it is consistent with all subwatershed management plans within the Lake St. Clair Watershed.

New attention must be focused on protecting and conserving the natural resources around Lake St. Clair. Elimination of pollution will not be sufficient to adequately protect and restore Lake St. Clair and its watershed.
RESOLUTION NO. ___________  FULL BOARD MEETING DATE:  
AGENDA ITEM:  

MACOMB COUNTY, MICHIGAN  

RESOLUTION TO: Receive and File the Report on the Army Corp of Engineers Grant  

INTRODUCED BY: Commissioners James Carahelli and Edward Bruley, Co-Chairs  

DESCRIPTION:  

COMMITTEE/MEETING DATE:  

5/3/09
RECYCLABLE PAPER
RESOLUTION NO. __________

FULL BOARD MEETING DATE:

AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Receive and File the Updated Report on the Planning and Economic Development Department Reorganization

INTRODUCED BY: Commissioners James Carabelli and Edward Brule, Co-Chairs

DESCRIPTION:
RESOLUTION NO. ___________  FULL BOARD MEETING DATE: AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize the Purchase of ACT Contact Management Software, and 3 Business Card Readers at a Cost not to Exceed $14,850. Money is Available in the Department Aerial Photo Account. Refer to Finance Committee

INTRODUCED BY: Commissioners James Carabelli and Edward Bruley, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

PED  5/13/09

[Signature] [Signature]
ACT Premium Software w/Platinum $ 14,100.00
Care Needs Assessment, + Training
- 12 Licenses

3 Business Card Readers + Software $ 750.00

$ 14,850.00
AUTHORIZATION/NDA

DATE: April 2, 2009
TO: Macomb County Planning & Economic Development
FROM: Greg Knapp
SUBJECT: Authorization & Non-Disclosure Agreement
PAGES: 5

This agreement is to confirm our understanding of the scope and objectives of our engagement and the nature of the services to be provided. In this agreement, AspenTech Consulting Group, Inc. (the Consultant) shall provide Macomb County Planning & Economic Development (the Client) with ACT! software & services for the ACT! database(s) of the Client. The following shall serve as the general outline of the services agreement, non-disclosure agreement and authorization to proceed with work.

GOALS AND OBJECTIVES
This proposal is designed to meet the stated goals for the project. These goals and objectives include but are not limited to:
- Provide a custom ACT! Premium For Workgroups contact management system to key Macomb County Planning & Economic Development staff as a means of capturing and tracking targeted information, about Macomb County Planning & Economic Development's diverse audience. Currently this information is either not being captured or is being captured on an individual basis without consistency throughout the organization.
- Macomb County Planning & Economic Development's ACT! database will be a repository of valuable and proprietary information adding value throughout the organization.
- Information gathered through ACT! will be used to improve relationships with Macomb County Planning & Economic Development's diverse audiences as well as improve staff effectiveness and efficiency.
- This project will consolidate data that is currently kept in the following locations:
  - Outlook PST files
  - Excel files
- AspenTech will facilitate the data consolidation efforts.
- A custom ACT! 2009 contact management system will be designed based upon input from Macomb County Planning & Economic Development's ACT! design team. This system will be reviewed and modified as appropriate to meet Macomb County Planning & Economic Development's initial requirements. AspenTech will populate the database with Macomb County Planning & Economic Development's consolidated data set.
- If desired, implementation will be designed to provide both on-site and remote access as detailed by the Client.
- AspenTech will provide customized end-user training for all ACT! users within the organization. Custom training will be designed to provide end-users with the functionality specified by the Client, targeted to improve efficiency and effectiveness of end-users.
- AspenTech will provide the Client's ACT! Administrator(s) with training for managing further growth of the ACT! system in-house, should the need arise.
• Implementation of the system will be targeted for Spring, 2009 and will be scheduled based on mutually agreed upon dates on our respective calendars.
• The Client will be responsible for the contact DeDuplication process after their database is converted.

SERVICE GUARANTEE:
At AspenTech Consulting Group, Inc., we are committed to providing exceptional value to our clients with the goal of building a long-term relationship that benefits both organizations. While we cannot guarantee that your software will work perfectly 24/7, we do GUARANTEE YOUR SATISFACTION with our SERVICE. If at any time AspenTech Consulting Group, Inc. does not perform to your satisfaction, call us, and give us the opportunity to correct the service problem and improve our relationship. If you are still unhappy, we will negotiate a fair price with you. What we ask in return, is for you to define the unmet expectation preferably in writing, or explain how we could have better served you. In effect, you will be helping us to make adjustments and improve our service. Providing and improving value to our clients is the primary measure of our success!

ACT! SOFTWARE, CONSULTING, TRAINING, SUPPORT & ADDON INVESTMENTS:

<table>
<thead>
<tr>
<th>BRONZE: ACT! PREMIUM SOFTWARE W/PLATINUM CARE, NEEDS ASSESSMENT, BASIC ACT! END USER &amp; ACT! ADMIN TRAINING</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Components</strong></td>
</tr>
<tr>
<td>• ACT! Premium 2009 Corporate (EX) Licenses with ACT! Platinum Care(^1). 12 licenses.</td>
</tr>
<tr>
<td>• Detailed Project Needs Assessment.</td>
</tr>
<tr>
<td>• ACT! server install &amp; basic administrator training for 2 users. (Covers installation and configuration of ACT! Premium 2009 on two pilot user machines.) Balance of installs (10) responsibility of client staff.</td>
</tr>
<tr>
<td>• ACT! customization training for 2 users. Actual design is responsibility of client staff.</td>
</tr>
<tr>
<td>• Review of staff designed database; review existing data import plan.</td>
</tr>
<tr>
<td>• ACT! end-user basic training – 1 Half-Day class for up to 6 users; 2 ea. @ client location.</td>
</tr>
<tr>
<td>• CompanyMaker Pro – 1 copy for ACT! administrator.</td>
</tr>
</tbody>
</table>

**INVESTMENT: $12,200.00**

\(^1\) Price quoted good for all orders placed through April 30, 2009. AspenTech will beat any written quote for identical software products.
### SILVER: ACT! PREMIUM SOFTWARE W/ PLATINUM CARE, NEEDS ASSESSMENT, ACT! SYSTEM DESIGN, BASIC ACT! END USER PLUS TRAINING & ACT! ADMIN TRAINING

**Project Components**
- ACT! Premium 2009 Corporate (EX) License with ACT! Platinum Care¹. 12 licenses.
- Detailed Project Needs Assessment.
- ACT! database design & reviews as outlined in Project Needs Assessment. Existing data import included.
- ACT! server install & basic administrator training for 2 users. ( Covers installation and configuration of ACT! Premium 2009 on two pilot user machines.) Balance of installs (10) responsibility of client staff.
- ACT! "Power User" training - One ¾ Day class for up to 6 users; 2 ea. @ client location. (Includes detailed reference manuals, quick reference and keyboard shortcuts.)
- CompanyMaker Pro – 1 copy for ACT! administrator.

**INVESTMENT:** $14,100.00

¹ Price quoted good for all orders placed through April 30, 2009. AspenTech will beat any written quote for identical software products.

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### GOLD: ACT! PREMIUM SOFTWARE W/ TOTAL CARE, NEEDS ASSESSMENT, ACT! SYSTEM DESIGN, ACT! "POWER USER" TRAINING & ACT! ADMIN TRAINING

**Project Components**
- ACT! Premium 2009 Corporate (EX) Licenses with ACT! Total Care¹. 12 licenses.
- Detailed Project Needs Assessment.
- ACT! database design & reviews as outlined in Project Needs Assessment. Existing data import included.
- ACT! server & workstation install and configuration for all ACT! users.
- Basic Administrator Training for 2 Users. (Covers installation and configuration of ACT! Premium 2009.)
- ACT! "Power User" training – Two ½-Day classes for each user, (maximum 6 users per class) 4 ea. to accommodate 12 users @ client location. (Includes ACT! training video site license, detailed reference manuals, quick reference and keyboard shortcuts.)
- CompanyMaker Pro – 1 copy for ACT! administrator.

**INVESTMENT:** $15,800.00

¹ Price quoted good for all orders placed through April 30, 2009. AspenTech will beat any written quote for identical software products.
PRODUCT DESCRIPTIONS REFERENCED ABOVE

- ACT! Premium 2009 Corporate (EX) Licenses: Corporate license version utilizing MS SQL Express included workgroup and web versions of ACT!. See attached.
- ACT! Total Care: ACT! 12-month renewable software support program. Includes all ACT! Platinum Care benefits, plus unlimited, no charge access to ACT! tier two support in Atlanta.
- CompanyMaker Pro is an administrative tool to facilitate management of company records in ACT!. A proven time saver.

DEPOSITS & PAYMENTS:

Products: The Client agrees to pay 100% of the software cost upon signing this agreement. If the Client returns any software product, provided it is within the software vendor's return period, a 15% return fee will apply. If it is outside of the software vendor's return period, no return will be allowed.

Services: The Client agrees to pay a 50% deposit on all services to be performed upon signing of this agreement.

Terms: In consideration for the services to be performed for the Client by the Consultant, the Client agrees to pay fully and promptly the fees set forth within 15 days of receipt of invoice. If appropriate, Client will issue a purchase order for the full amount of the project estimate. A 5% finance charge will be assessed on the full amount of all past due invoices and will be assessed on an ongoing monthly basis until the full amount of the invoice and finance charges is paid in its entirety.

ONGOING SUPPORT:

Ongoing support is available from the consultant on an as-needed basis at AspenTech's standard support rates at the time of the support request. Standard support rates at the time of this agreement are $160/hour for remote support (phone and/or email), $900/half-day (up to 5 hours round-trip) and $1,500/full-day (up to 9 hours round-trip) for on-site support. Standard support rates are subject to change without notice.

LIABILITY:

The Consultant agrees to perform all services in a professional manner and as otherwise set forth in this agreement. The Consultant further disclaims all warranties of merchantability, fitness for a particular purpose, and non-infringement. The entire risk arising out of the use or performance of software remains with the Client. The Client expressly agrees that in no event shall the Consultant or its agents be liable for any consequential, incidental, direct, indirect, special, punitive, or other damages whatsoever (including without limitation, damages for loss of business profits, business interruption, or other pecuniary loss) arising out of the use of software purchased from, installed by, or serviced by the Consultant.
NON-DISCLOSURE BY THE CONSULTANT:
All knowledge and information which the Consultant may acquire from the Client, or from
the Client's employees or on its premises respecting its private matters, shall for all time
and for all purposes be regarded as strictly confidential and shall not be directly or indirectly
disclosed by the Consultant to any person other than to the company without the Client's
written permission.

TERMINATION OF AGREEMENT:
In the event the Client or the Consultant elects to terminate the subject project and/or the
Consultant's services, through no fault of the Consultant, the Consultant shall be
immediately compensated by the Client for all services performed to date.

EXTENT OF AGREEMENT:
This agreement represents the total understanding of the Consultant of the subject project.
This agreement may be amended only by written instrument and signed by both Client and
Consultant. This agreement shall be bound by the laws of Michigan.

Gregory M. Knapp, President
AspenTech Consulting Group, Inc.

Signature

Print Name

April 2, 2009

Date

Please initial next to agreed to agreed upon option and remit signed copy of this entire
agreement to Greg Knapp via fax at 734-468-0207. Client will be invoiced for software and
deposit, with payment to follow immediately in mail.
RESOLUTION NO. ___________________________  FULL BOARD MEETING DATE: ____________________
AGENDA ITEM: ___________________________  ___________

MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Approve six (6) wireless card/blackberry devices at a one-time cost of $300.00 and a monthly recurring cost of $47.99 each; seven (7) mobile devices at a cost not to exceed $9,685.88; hardware, software, training and implementation of a business contact information system at a one-time cost not to exceed $20,000.00 and an annual recurring cost per seat not to exceed $480.00 for up to 12 users for the Planning and Economic Development department; funding available within IT Capital and Planning and Economic Development Aerial Photo account, $15,255.88 and $14,850.00 respectively, and recurring costs available within the Planning and Economic Development budget, forward to Planning and Economic Development committee for authorization. Forward to the Budget Committee.

INTRODUCED BY: Commissioner Frank Accavitti, Jr., Chair, Technology and Communications Committee

COMMITTEE/MEETING DATE
TAC Committee May 11, 2009  ____________________
RED  5-13-09

_________________________
May 11, 2009

TO: Commissioner Frank Accavitti, Jr., Chair
   Technology and Communications Committee
   Macomb County Board of Commissioners

FROM: Cynthia N. Zerkowski, Director
       Information Technology

SUBJECT: Business Contact System

Recommendation

Approve six (6) wireless card/blackberry devices at a one-time cost of $300.00 and a monthly recurring cost of $47.99 each; seven (7) mobile devices at a cost not to exceed $9,805.88; hardware, software, training and implementation of a business contact information system at a one-time cost not to exceed $20,000.00 and an annual recurring cost per seat not to exceed $480.00 for up to 12 users for the Planning and Economic Development department; funding available within IT Capital and Planning and Economic Development Aerial Photo account, $15,255.88 and $14,850.00 respectively, and recurring costs available within the Planning and Economic Development budget, forward to Planning and Economic Development committee for authorization.

Summary

Business attraction and retention is a primary mission of the Planning and Economic Development department. The ability to expediently capture business client information while on the go, meeting at business locations or other venues is an important function of the Planning and Economic Development staff. There is a great need to then extract, review, follow-up, communicate, etc. this information, individually or analytically. The current process is paper and pencil.
Business Contact System
Page two

A business contact information system will provide an online repository of this valuable and proprietary information. Entry of information will be performed on a consistent basis making retrieval and extract more meaningful. In addition to the ease of information sharing, integration for mobile phone support, automated e-mailings, (i.e., newsletter) and creation/storing of miscellaneous information can also be incorporated.

The goal is to provide our business attraction, retention and counseling staff members with the tools and capabilities for both mobile and in office support. A prototype of the system will be demonstrated at the June 10th Planning and Economic Development committee meeting with the goal of first use July 1st.

CZ/de
cc: Stephen Cassin, Executive Director, Planning and Economic Development
RECYCLABLE PAPER
RESOLUTION NO. __________

FULL BOARD MEETING DATE: __________________

AGENDA ITEM:

MACOMB COUNTY, MICHIGAN

RESOLUTION TO:  Receive and File the Report on Upcoming Events

INTRODUCED BY:  Commissioners James Carabelli and Edward Bradley, Co-Chairs

DESCRIPTION:

COMMITTEE/MEETING DATE

_________________________ 5/13/05

_________________________
Brownfields as a Means to Economic Development

Please join Macomb County Department of Planning & Economic Development at one of our two Community Outreach Meetings that will address the valuable tools to make your community a stronger and better place to conduct business, live, or recreate.

- Learn about how businesses in your community can take advantage of two County grants that assist in assessing properties with known or suspected contaminants.

- Learn how a Brownfield Redevelopment Authority can help generate funding as an incentive for Economic Development.

Option 1: Tuesday, May 28, 2009 2:00 – 3:30 p.m.
Village of Romeo
Romeo Community Center
361 Morton
Romeo, Michigan 48065

Option 2: Thursday, June 4, 2009 2:00 – 3:30 p.m.
City of Eastpointe City Hall
Council Chambers
23200 Gratiot Avenue
Eastpointe, Michigan 48021

For more information, please contact Gerry Santoro at (586) 469-6443.