



Legislation Details (With Text)

File #: 20-0636 **Version:** 1 **Name:** 5/18/20 Resolution Adopting the Living A2Zero Ann Arbor Carbon Neutrality Plan

Type: Resolution/Public Hearing **Status:** Held in Council

File created: 5/18/2020 **In control:** City Council

On agenda: 6/1/2020 **Final action:**

Enactment date: **Enactment #:**

Title: Resolution Adopting the Living A2Zero Ann Arbor Carbon Neutrality Plan

Sponsors:

Indexes:

Code sections:

Attachments: 1. A2Zero Governance Model.pdf, 2. A2Zero Prioritization Memo.pdf, 3. Carbon Neutrality_Prioritization Matrix_Populated.pdf, 4. A2Zero Draft 10-Year Investment Scenario-UPDATED5-14-20.pdf, 5. A2Zero Investment Plan5-14-20.pdf, 6. A2Zero Investment Plan5-13-20.pdf, 7. A2Zero Draft 10-Year Investment Scenario5-13-20.pdf, 8. A2Zero Climate Action Plan _ May 16 2020.pdf

Date	Ver.	Action By	Action	Result
5/18/2020	1	City Council		
5/18/2020	1	City Council		

Resolution Adopting the Living A²Zero Ann Arbor Carbon Neutrality Plan
 On November 4th, 2019, Ann Arbor City Council unanimously voted to declare a climate emergency and set the goal of becoming carbon neutral, as an entire community, by the year 2030. In that same resolution, Council directed staff to create a living plan for how to achieve carbon neutrality by 2030, and present that draft plan to City Council no later than March 31st, 2020.

On March 30th, 2020, Ann Arbor City Council unanimously voted to receive the A²Zero Ann Arbor Carbon Neutrality Plan and directed staff to create a funding / investment plan and a prioritization framework and to bring these documents, along with the Plan, back to Council for re-consideration. Staff created those documents (attached) as well as a Governance Framework (attached) to help identify how the A²Zero Carbon Neutrality Plan will be revised and updated. As such, staff are now bringing the A²Zero Carbon Neutrality Plan back to City Council for formal reconsideration.

As background, to create the Plan, staff undertook an intensive 4-month public engagement process that included more than 60 public events, 3 public surveys, 2 large town halls, the recruitment and engagement of over 60 partner organizations, support from over 80 technical advisors, the hiring of a communications firm, and the engagement of technical consultants to supplement staff in the quantification of the cost and greenhouse gas reduction potential of climate-related actions. In total, this initiative led to the creation of the A²Zero Carbon Neutrality Plan.

The Plan includes 7 overarching strategies and potential 44 sub-actions. The 7 overarching strategies are the heart of the plan and include:

1. Powering our electrical grid with 100% renewable energy.
2. Switching our appliances and vehicles from gasoline, diesel, propane, and natural gas to

electric.

3. Significantly improving the energy efficiency in our homes, businesses, schools, places of worship, recreational sites, and government facilities.
4. Reducing the miles we travel in our vehicles by at least 50%.
5. Changing the way we use, reuse, and dispose of materials.
6. Enhancing the resilience of our people and our place.
7. Other - which are mostly foundational initiatives that support the work above as well as the purchasing of carbon offsets to close any remaining gap between emissions reductions locally and emissions produced locally.

The A²Zero Carbon Neutrality Plan was always envisioned as being a living plan, one that will change and evolve over time. As such, the actions included in this plan are those that can be initiated immediately to continue on our path towards carbon neutrality. As new ideas emerge, the proposed Governance Framework and Prioritization Framework can help evaluate those actions for potential inclusion in the A²Zero Carbon Neutrality Plan.

In addition to the A²Zero Carbon Neutrality Plan, we are enclosing an Investment Plan (excel and word), which provides more details about the cost of action as well as the cost of inaction. In particular, the Investment Plan outlines how most of the strategies are truly investments, meaning they will have returns that outweigh the upfront cost. The Investment Plan also highlights the costs of inaction by using the social cost of carbon. Within the investment plan an effort was made to outline upfront costs, the costs of inaction, and where the Plan returns investments so that the Plan can be looked at more holistically.

Finally, the Plan was designed to be living. This means that the Plan, and the individual actions, will be revisited regularly to gauge their overall success (see the Governance Plan). More specifically, it is highly likely that these actions will continually be revised, enhanced, revisited, or removed from consideration, based on new technologies, new funding opportunities, changes in political or social contexts, or other variables. The Plan was designed to be flexible to these changes, making it a living plan that serves as a directional roadmap for Ann Arbor's carbon neutrality work.

Budget/Fiscal Impact: See the attached Investment / Funding Plan.

Prepared by: Missy Stults, Sustainability and Innovations Manager

Approved by: Tom Crawford, Interim City Administrator

Whereas, On November 4, 2019, Ann Arbor City Council unanimously declared a climate emergency and set a goal of becoming carbon neutral, as an entire community, by the year 2030;

Whereas, The Office of Sustainability and Innovations heeded this charge and created the A²Zero initiative to organize the planning and implementation work related to the City's carbon neutrality goals;

Whereas, Public engagement was integral to the A²Zero Carbon Neutrality Planning work, with over 60 public events held over 4-months, most with individuals not traditionally engaged in City planning processes;

Whereas, Over 80 individuals joined four technical advisory committees to help identify what was technically needed to achieve carbon neutrality by the year 2030;

Whereas, Three public surveys were administered which, in addition to the more than 60 public

events, provided insights into what was socially possible in regards to achieving carbon neutrality locally;

Whereas, Over 60 partner organization supported the A²Zero planning process and have agreed to be partners in supporting implementation of various actions identified in the A²Zero plan;

Whereas, The A²Zero Carbon Neutrality Plan was designed to be a living plan that can be changed as things such as technology shift;

Whereas, The A²Zero Carbon Neutrality Plan also includes a Governance Plan, Prioritization Framework, and Living Funding Plan, all of which will be revisited on a 2-to-3-year basis;

Whereas, The societal and economic costs of not acting to mitigate and adapt to climate change far exceed timely investments in emission reduction measures; and

Whereas, As with all projects requiring significant city investment, relevant components of the Plan would come before City Council for ultimate authorization;

RESOLVED, That Ann Arbor City Council adopts the A²Zero Carbon Neutrality Plan; and

RESOLVED, The Ann Arbor City Council requests that the City Administrator begin or continue work to implement the actions outlined in the Plan; and

RESOVLED, The Ann Arbor City Council requests that the City Administrator schedule a special working session of Council in fall 2020 to review the Plan and implementation activities.