OVERVIEW MEMD 2023

UPDATES

Overview MEMD 2023

- Introduction
- Revision/Change Document
- Structure Change
- Non Weather Sensitive Updates
- Weather Sensitive Updates
- SEER2
- Wrap Up

REVISIONS

MEMD Summary of Measure Revisions and Additions

- Summary
  - New – Utility Requested
  - Modified – Utility Requested
  - MMP Updates – Codes, Standards, ENERGY STAR, and clean up items
- Requests
  - Evaluator and Utility issues found and questions

WS MASTER

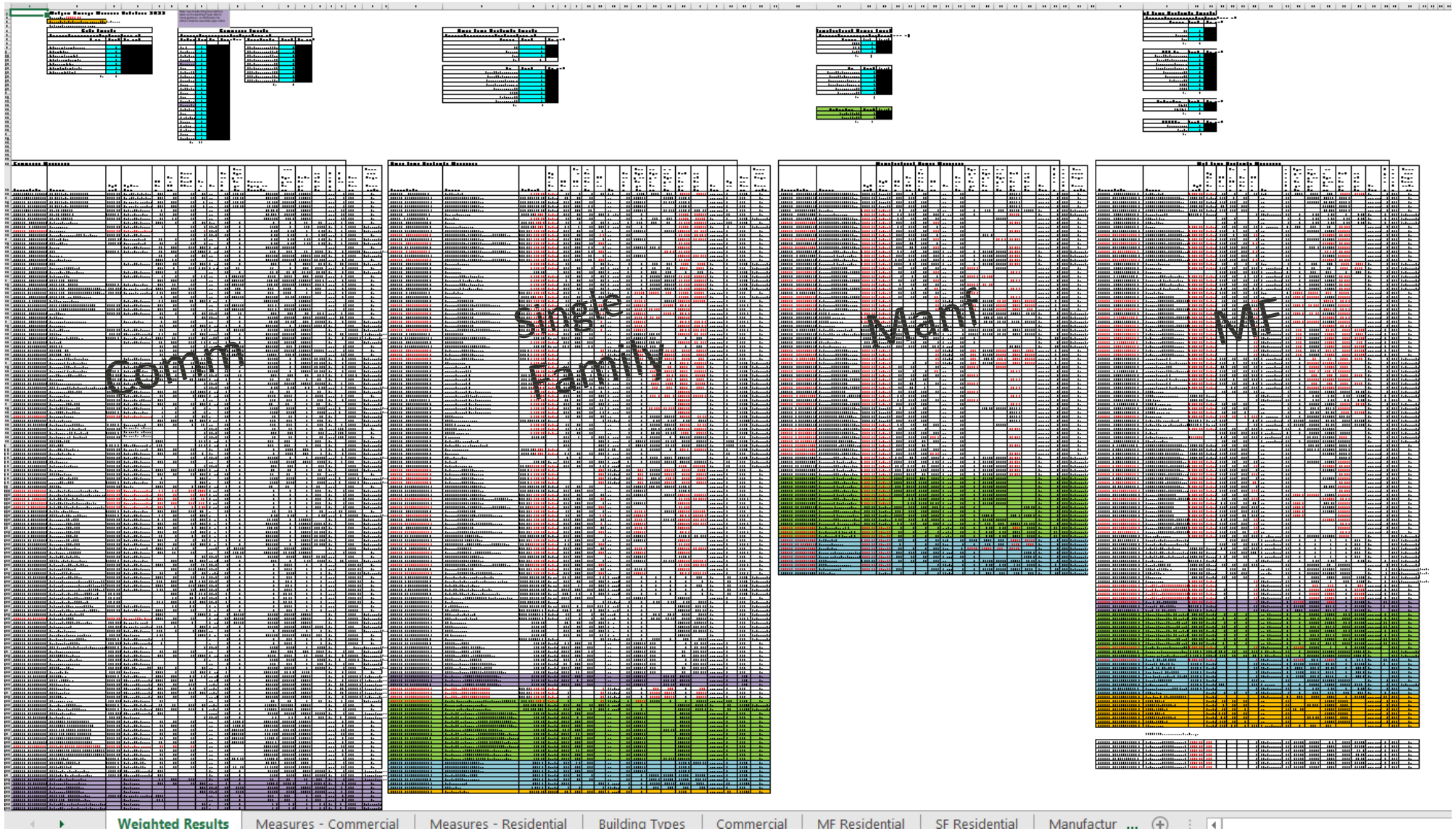
Structure Change

- Weather Sensitive Break-up
- Multifamily High Rise, Low Rise

WS MASTER

Weather Sensitive Master

2022 – One file

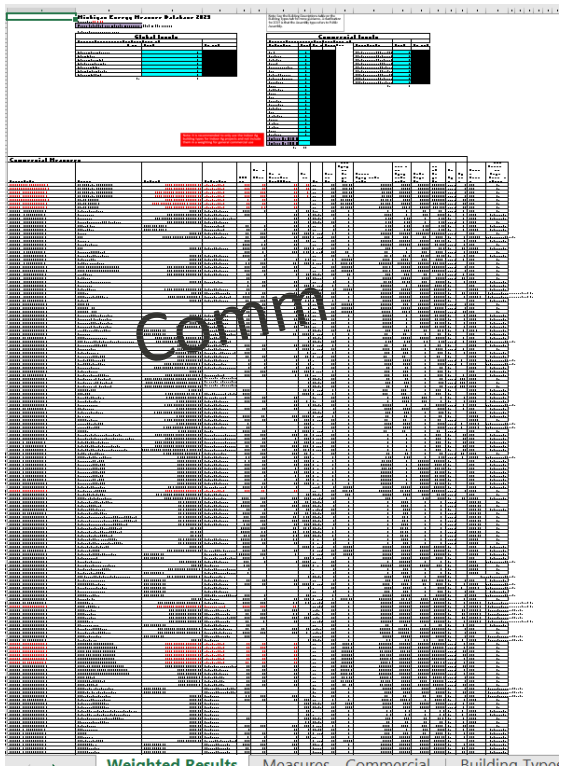


WS MASTER

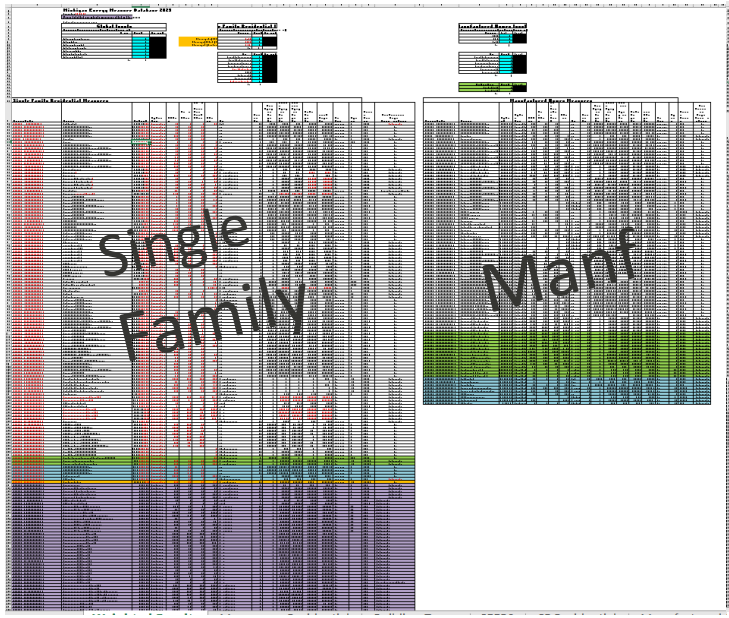
Weather Sensitive Master

2023 – Three files

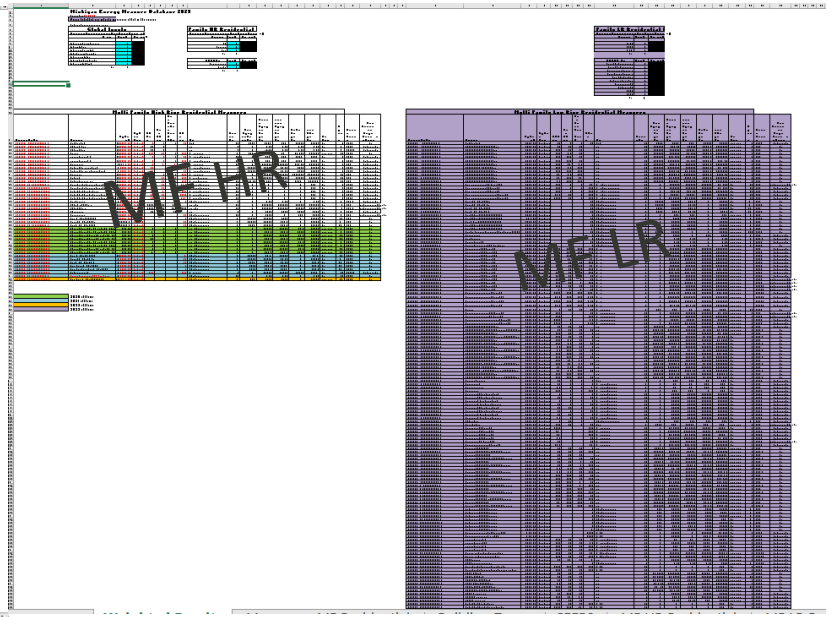
Commercial



Residential



MultiFamily



NWS MEASURES

Non Weather Sensitive Updates

- Residential Load Shapes
  - New demand savings
- Commercial
  - CRAC – Computer Room Air Conditioners
- Residential/Multifamily
  - Steam Traps
  - Room AC – ENERGY STAR Inverter Driven
  - EV Chargers
  - LED Savings Life

SEER2/HSPF2

SEER/SEER2 and HSPF/HSPF2 Equivalencies

Efficiencies in the SEER2/HSPF2 columns are equivalent to the corresponding values in the SEER/HSPF columns.
For example a 16 SEER2 heat pump provides the equivalent savings as a 17 SEER heat pump, and the 17 SEER measure is appropriate for a 16 SEER2 unit.

Heat Pumps

SEER	SEER2	notes
14	13.4	Federal Standard to be phased out
15	**14.3**	New Federal Standard
16	**15.2**	New ENERGY STAR requirement
17	16	
18	17	
19	18	
20	19	
21	20	
22	21	
23	22	
24	23	

Air Conditioning Equipment

SEER	SEER2	notes
14	**13.4**	New Federal Standard
15	14.3	
16	**15.2**	New ENERGY STAR requirement
17	16	
18	17	
19	18	
20	19	
21	20	
22	21	
23	22	
24	23	

HSPF	HSPF2	notes
8.5	7.1	
8.8	**7.5**	New Federal Standard
9.2	**7.8**	New ENERGY STAR requirement
9.5	8	
10	8.4	
10.2	8.5	
10.8	8.9	
11	9.1	
11.3	9.3	

Weather Sensitive Updates

Questions?