

What Strengthened Ozone Standards Mean For The New Orleans MSA

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BACKGROUND

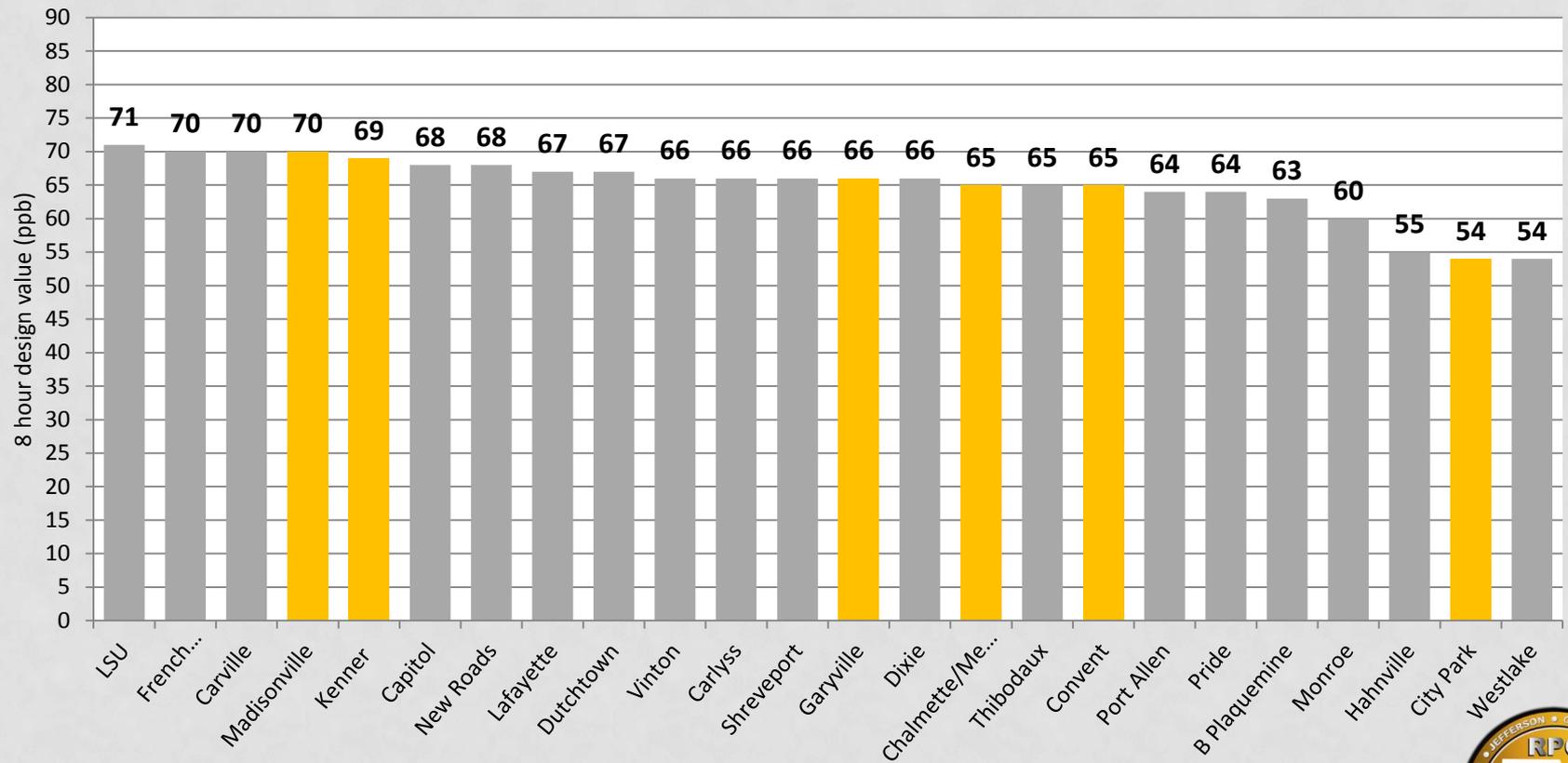
- Clean Air Act
 - Requires EPA to set standards for the criteria pollutants to ensure that these pollutants aren't harming health and welfare of the public
 - Carbon monoxide, lead, nitrogen dioxide, ozone, particulate matter, sulfur dioxide
 - Standards reviewed every 5 years
- What is ozone?
 - Smog (at the ground level)
 - Not emitted directly
 - VOCs + NO_x + sunlight = O₃ (ozone)

2015 OZONE NAAQS

- Oct 1, 2015 EPA revised Ozone National Ambient Air Quality Standard (NAAQS) from 75 ppb to 70 ppb
 - Keeping same formula for designations
 - Designations to be based on 2014-2016 ozone levels
- Oct 26, 2015 Rule Published in Fed. Register



8-HOUR DESIGN VALUE 2015



COMING INTO COMPLIANCE

- State implementation plan
 - Required for all areas in non-attainment
 - Outlines process of reducing emissions of NO_x and VOCs to meet the new standard
- Marginal non-attainment areas have 3 years from designation to become compliant.



IF DESIGNATED NON-ATTAINMENT

- Transportation conformity to fit emissions budgets of the State Implementation Plan
- Auto inspection / maintenance program (emissions check, like BR)
- Economic development: red flag in site selection
- New Source Review
- Emissions inventory and bank to be established



EMISSIONS BANKING AND TRADING

- If New Orleans MSA becomes non-attainment, potential to trade between other non-attainment areas in the state (Baton Rouge)
- Interpollutant trading rule – to be published in the Louisiana Register
 - Ozone precursors (NO_x and VOCs) may be substituted for each other at a ratio dictated by photochemical modeling, subject to approval of LDEQ and US EPA
- LDEQ is developing a rule to allow transfer of credits between mobile and point source emissions



CLEAN AIR COALITION

- Part of Ozone Advance program through EPA
- Est. August 2014 in preparation of the more stringent ozone standards
- Industry, government, and business stakeholders working to proactively reduce ground-level ozone formation from NO_x and VOCs
- Awarded CMAQ funding to grow the coalition and to identify and evaluate projects that could reduce these ozone precursors

THANK YOU!

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