



Workplace Evolution: Utah State Government Air Quality Best Practices

Coordinator of Resource Stewardship Annual Report & Summary of Best Practices to Improve Air Quality FY 2020

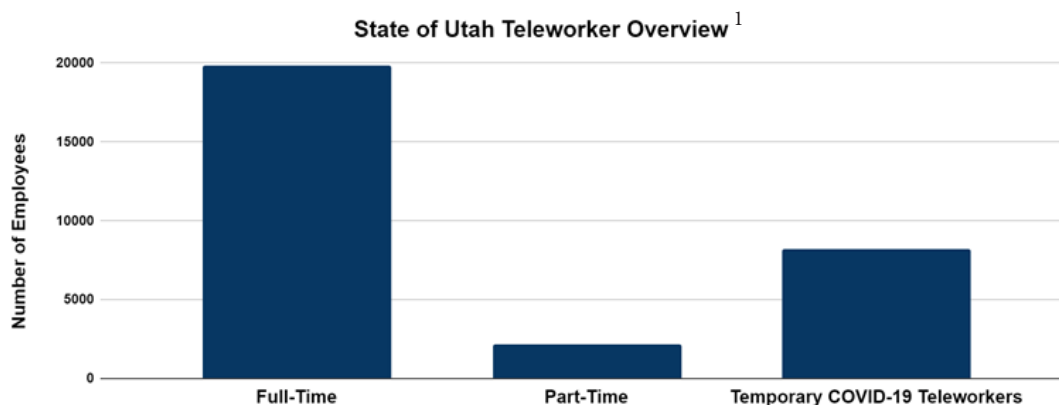
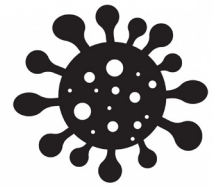
Report prepared in compliance with Utah Code § 63A-1-116(3)(b)



State Teleworking Expansion

COVID-19 Telework Expansion

- The number of State of Utah teleworkers reached 8,517 during the COVID-19 shutdowns. In total, this comes to approximately 39% of the State's workforce.
- The Governor's Office of Management and Budget (GOMB) proposes a "6th Priority" to the original five goals of the statewide telework initiative; Emergency Preparedness and Continued Service, after witnessing the ability of the state to quickly transition to remote service during the COVID pandemic.



Red Air Days

- GOMB released a State of Utah Red Air Day Policy². This new policy encourages State employees to work remotely on Division of Air Quality's (DAQ) action-forecasted "red air quality" days.
- DAQ estimates mobile emissions equate to an estimated 42% of the total air pollution in Utah during the winter time.



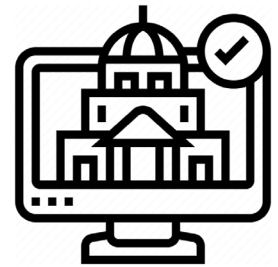
2020 Teleworking Pulse Survey

- A March 2020 survey³ of 92 Utah organizations and 732 companies across the nation show that 77% of Utah respondents had begun offering teleworking options to assist with social distancing and to comply with local and statewide health orders during the pandemic.
- The Utah Clean Air Partnership (UCAIR), along with GOMB, the Department of Environmental Quality (DEQ), the Utah Department of Transportation's (UDOT) TravelWise program, and other community partners surveyed 7,500 business leaders and employees about their policies, attitudes and experiences towards teleworking. Their survey reported multiple teleworking benefits, including:
 - 93% of respondents maintained or increased productivity after beginning to work from home
 - 92% of respondents reduced, or eliminated their commute
 - 68% of employers reported cost savings



Uninterrupted Community Service

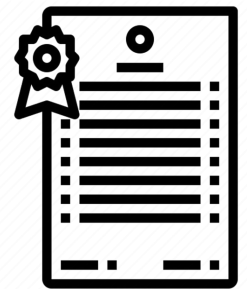
- Since the March 2020 earthquake, Rio Grande has been closed due to earthquake damage. During this time the Department of Heritage and Arts has been able to maintain service to the public thanks to their quick conversion to remote work.
- The Career Service Review Office (CSRO) also managed uninterrupted service since the COVID-19 pandemic by converting to 100% teleworking and transferred to electronic filing.



Electric Vehicle Infrastructure Expansion

HB 259 (2020): EV Infrastructure Charging Network

- The Utah Department of Transportation's (UDOT) application for adding I-84, I-215, and US-6/US-191 highway segments for designation as pending Alternative Fuel Corridors (AFC) was accepted by the Federal Highway Administration (FHWA).
- This new AFC designation enables the state to use certain types of federal funding for electric vehicle supply equipment (EVSE) including signage and other necessary infrastructure enhancements as funding becomes available.



Workplace EV Charging Grant Program

- Administered by the Department of Environmental Quality (DEQ), the Workplace EV Charging Grant program was allocated \$4,990,000 in one-time funding.
- 36 total applications have been received as of FY20, with 25 being "pre-approved".
- Pre-approved projects total 189 Level 2 chargers and 18 DC Fast Chargers.
- Ten of the projects have been completed, with 55 Level 2 and 8 DC Fast Chargers having been installed.
- These ten projects were reimbursed \$271,046 for eligible costs of the project.



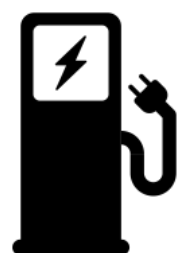
State of UT EV Master Plan, 2nd Edition

- Created by DAS in partnership with Governor's Office of Energy Development (OED), UDOT, the Utah Office of Tourism, and DEQ.
- The Second Edition⁴ highlights developments made by the State since FY19 and better aligns with HB 259 (2020).
- UDOT plans to use the Master Plan as the foundation for its HB 259 report.



EV Charging at State Agency Sites

- In the 2019 Legislative Session, the Utah legislature appropriated \$2 million to DAS in order to install EVSE at state-owned facilities. An additional \$283,450 was also obtained through Rocky Mountain Power's EVSE incentive program.
- Installation of 121 Level 2 dual-port ChargePoint charging stations across twenty-three state-owned facilities in non-attainment areas have been completed, with one unit to be installed at a later date.
- During FY20, DAS-installed EVSE provided 2,210 charging sessions.



Regional EV Plan for the West

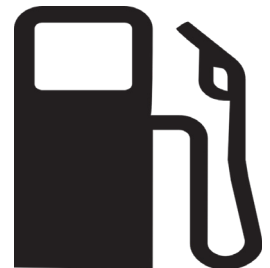
- Utah Governor Gary Herbert along with Governors from Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, and Wyoming signed an updated eight-state Memorandum of Understanding (MOU)⁵ on December 13, 2019, for EV development.
- As the first action from the new MOU, a document⁶ showcasing voluntary minimum standards for building DC fast charger projects was released. The document provides guidance to station developers and businesses looking to build EV charging stations.



Tier 3 Fuel

SB 239 (2020): Refinery Sales Tax Exemption

- Championed by Senator Okerlund and Representative Shipp, SB 239 provided a sales tax exemption for refineries meeting or making satisfactory progress toward meeting the designated average gasoline sulfur level required for Tier 3 fuels.
- Applicants must obtain a tax exemption certification from the Governor's Office of Energy Development (OED).



High Cost Infrastructure Tax Credit

- To aid refineries with the significant investments required for Tier 3 infrastructure and upgrades, OED has been working to accelerate outcomes for Tier 3 fuels by administering a non-refundable, post-performance tax incentive known as the high cost infrastructure tax credit (HCITC).
- Marathon Petroleum and Chevron Products Company have successfully made upgrades at their Salt Lake City refineries to manufacture the lower sulfur Tier 3 gasoline. Millions have been invested in infrastructure upgrades between Marathon Petroleum and the Chevron Products Company. The Silver Eagle refinery is Tier 3 compliant and has been authorized to receive the HCITC.

1. Data provided by the Governor's Office of Management and Budget
2. Mottishaw, J. (2020). A New Workplace: Modernizing Where, How, and When Utah Works. Retrieved August 31, 2020, from <https://gomb.utah.gov/a-new-workplace-modernizing-where-how-and-when-utah-works/>
3. UCAIR Teleworking Pulse Survey 2020. (2020, August 17). Retrieved August 27, 2020, from <http://www.ucair.org/telework/>
4. Brown, M. (2020). State of Utah EV Master Plan, Second Edition. Retrieved August 27, 2020, from https://das.utah.gov/wp-content/uploads/State-of-Utah-EV-Master-Plan_Version2_FINAL-1.pdf
5. NASEO. (2019). 2019 REV West MOU. Retrieved August 27, 2020, from https://naseo.org/Data/Sites/1/revwest_mou_2019_final.pdf
6. NASEO. (2019). REV West: Voluntary Minimum Standards. Retrieved August 27, 2020, from https://naseo.org/Data/Sites/1/revwest_volminimumstandards.pdf

Driving Toward Better Air Quality Year-around

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