

Appendix 7: Project Resources

The following references identify a non-exhaustive list of the resources that should be consulted to produce the hosting capacity study. The best practices and modeling from these references should be cited and discussed in the Applicant's grant proposal.

1. The National Renewable Energy Laboratory's (NREL) Guidance for Advanced Hosting Capacity Analysis: <https://www.nrel.gov/solar/market-research-analysis/advanced-hosting-capacity-analysis.html>
2. Interstate Renewable Energy's (IREC) Report "Key Decisions for Hosting Capacity Analyses": <https://irecusa.org/resources/key-decisions-for-hosting-capacity-analyses/>
3. National Renewable Energy Laboratory (2018). Valuing the Resilience Provided by Solar and Battery Energy Storage Systems: <https://www.nrel.gov/docs/fy18osti/70679.pdf>
4. Energy Efficiency & Sustainability Experts (n.d.). Brooklyn-Queens Demand Management Program – Employing Innovative Non-Wire Alternatives: <https://info.aee.net/hubfs/NY%20BQDM%20Final.pdf>
5. Balducci, Mongrid, Weimar (2021). Understanding the value of energy storage for power system reliability and resilience applications. Current Sustainable/Renewable Energy Reports: <https://link.springer.com/article/10.1007/s40518-021-00183-7>
6. The Clean Energy DC Plan is the District of Columbia's energy and climate action plan. It explains how the District will use forward-looking energy policies, while also encouraging innovation, efficiency, and resiliency: <https://doee.dc.gov/cleanenergydc>
7. The Transportation Electrification Roadmap (TER) is the District's encompassing plan regarding electrification of the transportation sector. https://doee.dc.gov/sites/default/files/dc/sites/ddoe/service_content/attachments/Final%20DC%20Roadmap%20sm.pdf
8. RPS Act of 2016: On July 25, 2016, D.C. Mayor Muriel Bowser approved Renewable Portfolio Standard Expansion Amendment Act to increase its RPS to **50% by 2032**. [https://doee.dc.gov/sites/default/files/dc/sites/ddoe/service_content/attachments/RENEWABLE%20PORTFOLIO%20STANDARD%20EXPANSION%20AMENDMENT%20ACT%20OF%202016,%20DC%20Law%2021-154%20\(eff%2010-8-16\).pdf](https://doee.dc.gov/sites/default/files/dc/sites/ddoe/service_content/attachments/RENEWABLE%20PORTFOLIO%20STANDARD%20EXPANSION%20AMENDMENT%20ACT%20OF%202016,%20DC%20Law%2021-154%20(eff%2010-8-16).pdf)
9. Clean Energy Omnibus of 2018. The Clean Energy DC Omnibus Amendment Act of 2018 (the CEDC Act) represents one of the country's most aggressive and impactful clean energy actions to-date and establishes the District of Columbia as a global leader in the fight against climate change.: [https://doee.dc.gov/service/clean-energy-dc-omnibus-amendment-act#:~:text=The%20Clean%20Energy%20DC%20Omnibus%20Amendment%20Act%20of%202018%20\(the,the%20fight%20against%20climate%20change.](https://doee.dc.gov/service/clean-energy-dc-omnibus-amendment-act#:~:text=The%20Clean%20Energy%20DC%20Omnibus%20Amendment%20Act%20of%202018%20(the,the%20fight%20against%20climate%20change.)

10. Local Solar Expansion Amendment Act of 2022, Act A24-0742:
<https://lims.dccouncil.gov/Legislation/B24-0950>