



VACANCY ANNOUNCEMENT

Advanced Energy Systems Planning Manager

Posting #: 9269	Issue Date: 12/30/2024	Closing Date: 2/28/2025
Location: Newark, NJ		
Salary: To be discussed with recruiter		

Position Summary

Roles and Responsibilities:

- Intake capital improvement concepts from the Surface Transportation service lines and evaluating their merit in relation to ongoing projects.
- Shepherd candidate projects through the Capital Plan process to develop a right sized scope of work, budget, and project delivery schedule.
- Lead activities that include modelling, planning, and developing future transportation networks that deploy zero emission technologies.
- Coordinate activities related to the planning and engineering of infrastructure, facilities, and fleet dedicated to the deployment of advanced energy systems and bus services.
- Attend activities related to developing global best practices in developing/managing power infrastructure for transit networks, zero emissions transportation systems, and new bus technologies.
- Assist project managers for major capital projects as a technical lead or advisor in subjects related to power infrastructure planning, zero emissions technologies, bus facility planning, and related fields.
- Manage and administer capital projects and planning/research activities as necessary,
- Coordinate agreements, policies, and contracts with BPU, utilities, and other related stakeholders for projects,
- Coordinate communication with local, regional partners, and other stakeholders for capital projects and planning activities,
- Assignments can include: Developing fleet, facility, and infrastructure plans for zero emissions systems, investigating necessary power requirements for facilities, coordinating with utilities and other stakeholders, developing models and calculations to analyze system performance of emerging energy technologies, writing policy recommendations for adopting new energy practices for fleet, and infrastructure.

Education, Experience, and Qualifications:

- Bachelor's degree in engineering, Planning, Economics, or related field.
- A master's degree in engineering, Public Policy, and/or Planning is preferred.
- Six (6) years of experience that are related to the following: Engineering, Transportation Planning, Public Policy, and/or Urban Planning.
- A master's degree in planning, Engineering, or Public Policy can substitute for two (2) years of experience.

- A PHD in Engineering, Energy Systems, Planning or Public Policy or related field can substitute for career experience.

Knowledge and Skills:

- Strong mathematics, modelling, and analytics background is desirable.
- Knowledge in systems engineering, electrical engineering, or a related field is desirable.
- Knowledge of power, energy, and infrastructure needs for different fuel cell and battery technologies is desirable.
- Knowledge of power infrastructure is desirable.
- Knowledge of transportation planning is desirable.
- Technical writing skills preferred.
- Knowledge of contracting principles, scope of work generation, project schedule and budget management is desirable.

This Position Supervises:

- Energy Systems Planner
- Bus Infrastructure Planner
- Power Engineer

Physical Demands:

- Typical indicative of an office environment and capable of hiking/light climbing for field visits. Visual inspection of facilities and facility components.

At NJ Transit, you will enjoy a competitive salary and excellent benefits package:

- Comprehensive Family Health Insurance – Medical, Prescription, Dental, Vision
- Flexible Spending Account
- Life Insurance
- Paid Leave
- Tuition Assistance
- Pre-Tax Commuter Benefits Plan
- Retirement Plans
 - 401(a) - Retirement plan with a 6% employer contribution
 - 401(k) - Retirement saving plan with up to an 3% company match
 - 457(b) - Deferred Savings Plan

General Description

At NJ TRANSIT, diversity and inclusivity are vital to our success as are committed to hiring individuals from diverse backgrounds, experiences, abilities, and veteran status. As an Equal Opportunity Employer, we encourage all qualified applicants to apply and join our team.

NJ TRANSIT adheres to the NJ First Act. To learn more, click [here](#).

Apply Today!

Only applications submitted through the NJ TRANSIT Career Portal will be reviewed:

[Advanced Energy Systems Planning Manager](#)

Contact Information

1. Log in to your [NJ TRANSIT Career Portal](#) to check your application status
2. Check your inbox (and spam/junk folder!) for important information or next steps
3. Email NJTSR@njtransit.com with general questions

Disclaimer: Please note that NJ TRANSIT has not adopted the provisions of Title 11A of the New Jersey Statutes (Civil Service). Thus, the Civil Service Commission will not play a role in or oversee the hiring process for this position.