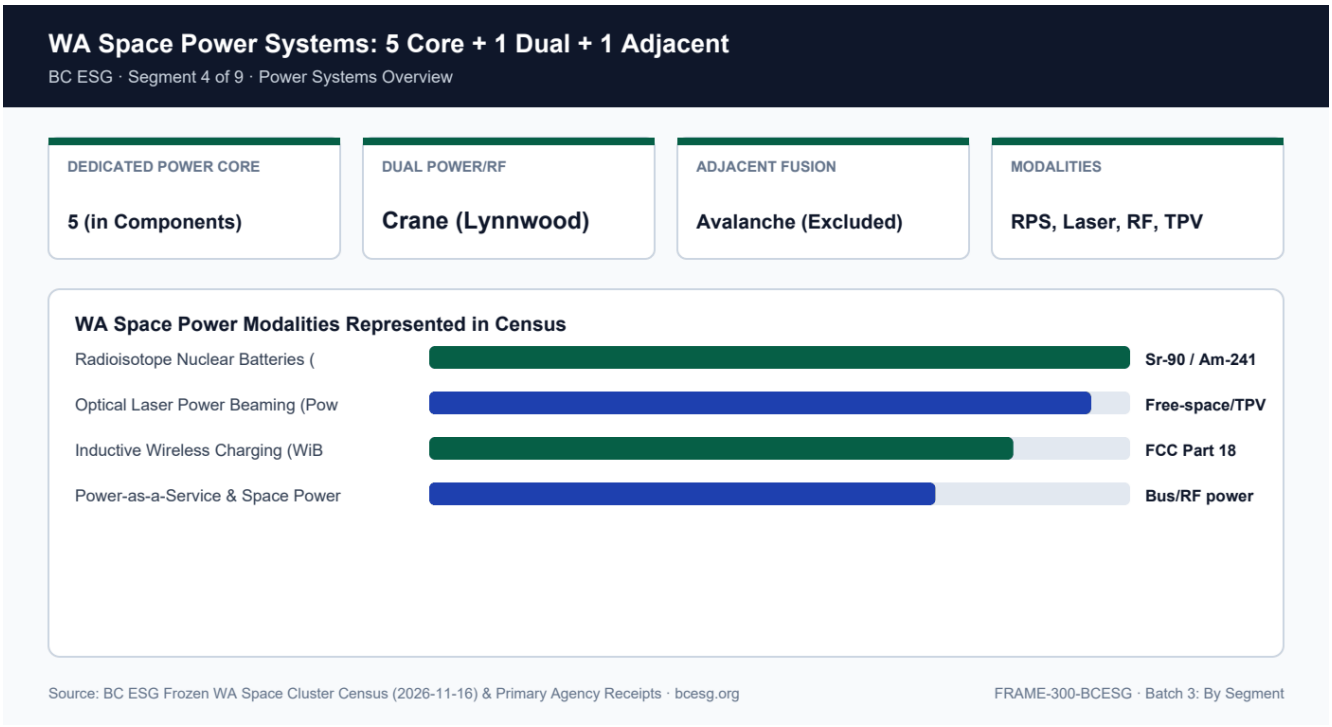
Washington Space Power Systems: Overview & Census Roster

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Verification & Scope Baseline: 5 dedicated space-power core firms sit inside the frozen Census CSV's Components & Suppliers bucket (0 re-homed), plus Crane Aerospace (dual) and Avalanche Energy (adjacent).



Company	WA Facility	Census Placement	Power Modality	Census Profile
PowerLight Technologies	Kent, WA	Core (Census: Components & Suppliers)	Optical / laser power beaming (free-space & fiber)	Profile #1523
JX Crystals	Issaquah, WA	Core (Census: Components & Suppliers)	GaSb photovoltaic & thermophotovoltaic (TPV) cells	Grouped #1562
WiBotic	Seattle, WA	Core (Census: Components & Suppliers)	Autonomous wireless charging for lunar/space robots	Profile #1526
Zeno Power	Seattle, WA (PNNL Richland test / CA hot-cell)	Core (Census: Components & Suppliers)	Radioisotope power systems (Sr-90 / Am-241)	Profile #1529
Pulse Space	Seattle, WA	Core (Census: Components & Suppliers)	Space power-as-a-service architecture	Grouped #1562
Crane Aerospace & Electronics (Secondary)	Lynnwood, WA	Core (Components & Suppliers)	Space-qualified power electronics & RF	Profile #1502
Avalanche Energy (Adjacent)	Seattle / Richland, WA	Adjacent (Excluded from Core 67)	Compact fusion energy R&D	Adjacent #1463

Census Mapping Note & What the Power Systems Segment Builds

In the frozen Census CSV, dedicated space-power developers sit inside the 17-company **Components & Suppliers** category rather than a separate CSV label. Following the Census without re-homing any row, this segment tracks the **5 core space-power specialists** (PowerLight Technologies, JX Crystals, WiBotic, Zeno Power, and Pulse Space), cross-references Crane Aerospace & Electronics (space-qualified power conversion), and segregates Avalanche Energy as **adjacent**.

Together, these operators cover the full non-solar-panel power stack for lunar night survival, orbital robotics, and deep-space missions: radioisotope power systems (RPS), high-power optical laser beaming, thermophotovoltaic (TPV) receivers, and autonomous wireless charging.

Verified Primary Sources & Internal Bridges

- Zeno Power: https://www.zenopower.com/
- PowerLight Technologies: https://powerlighttech.com/
- JX Crystals: https://jxcrystals.com/
- WiBotic: https://www.wibotic.com/