System review

Bring the station results into one review for each branch, then one review for the parent system.

155 source records | 22 branches | 6 parent groups | 81 graded / 74 Unscored

Parent system	Condition / grade	Graded / all records	Unscored	Mean factor coverage	Source Fail
Fuel Gas Supply	64.1 / B	23 / 36	13	65.6%	28
CCW	53.8 / C	47 / 94	47	52.0%	49
CMG	47.1 / C	3 / 11	8	35.0%	5
BDN	64.2 / B	6 / 6	0	92.5%	3
AQA	63.7 / B	2 / 5	3	45.0%	3
SWS	Unscored	0 / 3	3	15.0%	0

These are existing draft station grades rolled up by system. The 2024/2026 On-potential comparison on page 3 does not recalculate them. Any Unscored records make the condition summary partial. Source Fail counts remain separate.

Points to make

We need both levels. The branch view shows where the problems are. The parent view brings those results together for the system review.

The average needs context. Fuel Gas Supply is 64.1/B, with 13 records Unscored and 28 source Fail results. That grade does not clear those findings.

Keep a person in the decision. Every missing-measurement decision needs a reason, an allowed next step, and a reviewer who can hold or override the recommendation.

How the current rubric works

Weights: Instant-off 35%; polarization decay 25%; isolation 15%; current adequacy 10%; On consistency 5%; IR contribution 5%; resistance peer 5%.

A station needs an instant-off score and at least 60% factor coverage. Available factors form its weighted mean. Missing evidence is not a failing score.

Branch and parent means give each graded source record equal weight. Parent scores use the records directly; they do not average branch averages.

Bands: A 80-100; B 60-<80; C 40-<60; D 20-<40; F 0-<20. Round to one decimal before grading.

Still to agree: confirm the system boundaries; define which issues require a review hold; approve measurement fallbacks. The CP4 example is a reporting reference, not approval of these scoring weights. Jev urgency, condition grade and source Pass/Fail stay separate.

Branch results

Each branch remains visible under its parent. These are the same 155 source records summarized on page 1.

Branch (source label)	Condition / grade	Graded / all	Unscored	Factor coverage	Source Fail
Fuel Gas Supply - Yard #1	69.3 / B	2 / 2	0	95.0%	2
Fuel Gas Supply - Yard #2	64.3 / B	1 / 3	2	41.7%	1
Fuel Gas Supply - Main	69.0 / B	3 / 4	1	78.8%	3
Fuel Gas Supply (LP)	61.3 / B	10 / 16	6	66.3%	15
Fuel Gas Supply - Unit #1	66.6 / B	3 / 4	1	65.0%	2
Fuel Gas Supply - Unit #2	66.9 / B	1 / 3	2	41.7%	2
Fuel Gas Supply - Unit #3	62.1 / B	3 / 4	1	71.3%	3
CCW - Return	51.7 / C	21 / 44	23	50.6%	23
CCW - Supply	56.6 / C	20 / 39	19	52.4%	19
CCW - Unit #1 Supply	Unscored	0 / 2	2	15.0%	1
CCW - Unit #2 Supply	45.4 / C	2 / 2	0	90.0%	2
CCW - Unit #3 Supply	46.1 / C	2 / 2	0	85.0%	2
CCW - Aux	63.3 / B	2 / 3	1	68.3%	2
CCW - Chemical Feed	Unscored	0 / 2	2	15.0%	0
CMG - Gas Yard	60.1 / B	1 / 1	0	95.0%	1
CMG - CO2	46.5 / C	1 / 4	3	32.5%	1
CMG - Hydrogren - Unit #1	34.7 / D	1 / 2	1	50.0%	1
CMG - Hydrogren - Unit #2	Unscored	0 / 2	2	15.0%	1
CMG - Hydrogren - Unit #3	Unscored	0 / 2	2	15.0%	1
BDN	64.2 / B	6 / 6	0	92.5%	3
SWS	Unscored	0 / 3	3	15.0%	0
AQA	63.7 / B	2 / 5	3	45.0%	3

Read the grade with its coverage. Graded/all is a count of source records. Factor coverage is the average share of rubric evidence available across all records, including Unscored records. A source Fail count of zero does not establish a pass.

Grouping is provisional. Fuel Gas Supply, CCW and CMG combine the named branches above; BDN, SWS and AQA stay separate. Names do not confirm electrical connectivity. Confirm the AQA/CMG boundary. Parent and branch counts describe the same records and must not be added together.

Human review: Reviewer _____ Decision / hold reason _____ Next action / owner _____

Survey comparison

On potentials (mV) from November 18, 2024 and April 4, 2026. Recomputed from the local source workbook.

104 readings in 2024 / 91 in 2026 / 90 matched pairs. Range = numeric minimum to maximum. Mid = (minimum + maximum) / 2. n = numeric source records.

Branch	2024 n	2024 range	2024 Mid	2026 n	2026 range	2026 Mid	Pairs n	Change range	Change Mid
Fuel Gas Supply - Yard #1	2	-1147 to -842	-994.5	2	-292 to -281	-286.5	2	561 to 855	708
Fuel Gas Supply - Yard #2	1	-808 to -808	-808	1	-433 to -433	-433	1	375 to 375	375
Fuel Gas Supply - Main	3	-1496 to -685	-1090.5	3	-1524 to -124	-824	3	-28 to 742	357
Fuel Gas Supply (LP)	16	-1538 to -1087	-1312.5	15	-1396 to -1238	-1317	15	-240 to -39	-139.5
Fuel Gas Supply - Unit #1	3	-1573 to -1464	-1518.5	3	-1591 to -1388	-1489.5	3	-51 to 76	12.5
Fuel Gas Supply - Unit #2	2	-1424 to -1373	-1398.5	2	-1533 to -1373	-1453	2	-160 to 51	-54.5
Fuel Gas Supply - Unit #3 [2]	3	-1565 to -1524	-1544.5	2	-1573 to -1527	-1550	2	-49 to 2	-23.5
CCW - Return	27	-1560 to -844	-1202	23	-1563 to -247	-905	23	-3 to 950	473.5
CCW - Supply [2]	26	-1560 to -625	-1092.5	20	-1822 to -320	-1071	20	-588 to 891	151.5
CCW - Unit #1 Supply	0	--	--	0	--	--	0	--	--
CCW - Unit #2 Supply	2	-1312 to -1196	-1254	2	-1313 to -482	-897.5	2	-117 to 830	356.5
CCW - Unit #3 Supply [2]	1	-1188 to -1188	-1188	2	-1233 to -248	-740.5	1	940 to 940	940
CCW - Aux	2	-1400 to -1271	-1335.5	2	-626 to -573	-599.5	2	698 to 774	736
CCW - Chemical Feed	0	--	--	0	--	--	0	--	--
CMG - Gas Yard	1	-337 to -337	-337	1	-69 to -69	-69	1	268 to 268	268
CMG - CO2	1	-1344 to -1344	-1344	1	-1489 to -1489	-1489	1	-145 to -145	-145
CMG - Hydrogren - Unit #1	1	-673 to -673	-673	1	-726 to -726	-726	1	-53 to -53	-53
CMG - Hydrogren - Unit #2	1	-229 to -229	-229	1	-324 to -324	-324	1	-95 to -95	-95
CMG - Hydrogren - Unit #3	1	-229 to -229	-229	1	-326 to -326	-326	1	-97 to -97	-97
BDN	6	-1512 to -999	-1255.5	6	-1549 to -724	-1136.5	6	-93 to 401	154
SWS	1	-107 to -107	-107	0	--	--	0	--	--
AQA	4	-1338 to -1202	-1270	3	-1442 to -1253	-1347.5	3	-104 to -45	-74.5

[1] Uncertain report conventions: The example's displayed "Avg" values match a range midpoint; its intended definition has not been confirmed. We label that value "Mid" here. "--" means no numeric reading or valid pair in this copy; the reason is unknown. Zero-filled rows in the example need clarification.

[2] Pairing correction: Change = 2026 minus 2024 on the same source row, with both readings present. Three cached deltas were excluded: AC45 = 0, AC109 = 625, AC140 = -1233. They lack one or both readings. This affects Fuel Gas Supply Unit #3, CCW Supply and CCW Unit #3 Supply.

[3] Engineering review still needed: Dates and On labels are confirmed; comparable test conditions and the CP4's intended method are not. Change values alone do not determine protection or a pass/fail result. His example reports six shorted isolation joints; their full identities and current status remain to be reconciled.

Sources: Test Station Location Breakdown 2.xlsx / Test Station Current Status, columns V and Y; existing October 18 project scoring snapshot; supplied CP4 report screenshot. Full signed report not available. Workbook SHA-256: 2fbb4fb0615bff2d... Project wiki: ouroborosendpoint.com/wiki/