VARIANCE SCORE ALGORITHMS

Cost Variance

Formulas:

$$CV = \frac{PlTC - (PrTC\ OR\ ATC\ see\ Criteria)}{PlTC}$$

$$CVm = PlTC - (PrTC\ OR\ ATC\ see\ Criteria)$$

Where:

CV = Cost Variance

CVm = Cost Variance Monetary Amount

ATC = Actual Total Cost

PrTC = Projected Total Cost

PlTC = Planned Total Cost

ACD = Actual Completion Date

Criteria:

If ATC = null USE PrTC

If ATC != null and ACD = null USE PrTC

If ATC and ACD != null USE ATC

Schedule Variance

Formulas:

$$SV = \frac{PlCD - (PrCD\ OR\ ACD\ see\ Criteria)}{PlCD - PlSD}$$

$$SVd = PlCD - (PrCD\ OR\ ACD\ see\ Criteria)$$

Where:

SV = Schedule Variance

SVd = Schedule Variance in Days

ACD = Actual Completion Date

PrCD = Projected Completion Date

PlCD = Planned Completion Date

PlSD = Planned Start Date

Criteria:

If ACD = null USE PrCD

If ACD != null USE ACD

GSA