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BEFORE THE ARIZONA CORPORATION COMMISSION

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JUN 6 2011

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AZ CORP COMMISSION
DOCKET CONTROL

IN THE MATTER OF THE APPLICATION OF) DOCKET NO. E-01933A-10-0266
TUCSON ELECTRIC POWER COMPANY FOR)
APPROVAL OF ITS 2011 RENEWABLE)
ENERGY STANDARD AND TARIFF)
IMPLEMENTATION PLAN)
)
)
)

**NOTICE OF FILING ERRATA -
DERATE CHART**

On May 26, 2011, Tucson Electric Power Company's ("TEP" or "Company") filed an amended derate chart. However, the chart filed did not contain the array key for shading. TEP hereby files a corrected version of the derate chart and requests that you replace the previously filed chart with the one attached.

RESPECTFULLY SUBMITTED this 3rd day of June 2011.

TUCSON ELECTRIC POWER COMPANY

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Original and 13 copies of the foregoing
filed this 3rd day of June 2011 with:

Docket Control
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

Copy of the foregoing hand-delivered/mailed
this 3rd day of June 2011 to:

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By Janice Bupe

TEP Up-Front Incentive (UFI) Payment - PV Off-Angle/Azimuth & Shading Derating Chart

Array Azimuth Angle from Due South

| | East | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | South | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | West |
|-----------|------|-----|-----|-----|-----|-----|------|------|------|-------|------|------|------|-----|-----|-----|-----|-----|------|
| 0 | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% | 80% |
| 5 | 90% | 90% | 90% | 90% | 90% | 90% | 95% | 95% | 95% | 95% | 95% | 95% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |
| 10 | 90% | 90% | 90% | 95% | 95% | 95% | 95% | 95% | 95% | 95% | 95% | 95% | 95% | 95% | 95% | 90% | 90% | 90% | 85% |
| 15 | 90% | 90% | 95% | 95% | 95% | 95% | 95% | 100% | 100% | 100% | 100% | 100% | 95% | 95% | 95% | 95% | 90% | 90% | 85% |
| 20 | 85% | 90% | 95% | 95% | 95% | 95% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 95% | 95% | 95% | 90% | 85% | 85% |
| 25 | 85% | 90% | 95% | 95% | 95% | 95% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 95% | 95% | 95% | 90% | 85% | 85% |
| 30 | 85% | 90% | 90% | 95% | 95% | 95% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 95% | 90% | 90% | 85% | 80% | 80% |
| 35 | 85% | 85% | 90% | 95% | 95% | 95% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 95% | 90% | 85% | 85% | 80% | 80% |
| 40 | 80% | 85% | 90% | 95% | 95% | 95% | 100% | 100% | 100% | 100% | 100% | 100% | 95% | 90% | 85% | 85% | 80% | 75% | 75% |
| 45 | 80% | 85% | 85% | 90% | 95% | 95% | 100% | 100% | 100% | 100% | 100% | 100% | 95% | 90% | 85% | 85% | 80% | 75% | 70% |
| 50 | 75% | 80% | 85% | 90% | 90% | 95% | 95% | 100% | 100% | 100% | 100% | 95% | 90% | 90% | 85% | 80% | 80% | 75% | 70% |
| 55 | 75% | 80% | 85% | 85% | 90% | 95% | 95% | 95% | 95% | 95% | 95% | 90% | 90% | 85% | 80% | 80% | 75% | 70% | 70% |
| 60 | 70% | 75% | 80% | 85% | 85% | 90% | 90% | 90% | 95% | 90% | 90% | 85% | 85% | 80% | 80% | 75% | 70% | 70% | 0% |

Notes:
 0 degree kept at 80% to account for soiling
 3/12 roof pitch to be kept at 5% derate for higher cell temps of flush mount

Array Shading

If both off-angle and shading conditions apply, multiply the off-angle derating factor with the shading derating factor to obtain the array derating factor for the Up-Front Incentive (UFI) payment calculation.

| | Maximum Morning Shaded Hours | | Maximum Evening Shaded Hours | | Percentage of Annual Energy = | |
|----------|------------------------------|---|------------------------------|---|-------------------------------|------|
| 0 | 0 | 1 | 0 | 1 | 100% | 100% |
| 1 | 0 | 0 | 1 | 1 | 95% | 100% |
| 2 | 0 | 2 | 0 | 2 | 90% | 90% |
| 3 | 1 | 2 | 1 | 2 | 85% | 85% |
| 4 | 2 | 2 | 2 | 2 | 75% | 75% |
| 5 | 0 | 3 | 0 | 3 | 70% | 70% |
| 6 | 1 | 3 | 1 | 3 | 70% | 70% |
| 7 | 2 | 3 | 2 | 3 | 60% | 60% |