



To: Electronic Data Interchange (EDI) Partners:

Following are our Utility Industry Group compliant EDI 820 version 4010 guidelines for your use in implementing EDI. A sample payment transaction can be found on page 22.

Should you have questions regarding EDI, contact Sam White at (404) 506-2457 or Mike Holladay at (404) 506-1464. We look forward to helping you improve your business and meeting your energy needs.

**Southern Company
Implementation Guideline for
EDI 820
Payment Order/Remittance Advice
Version 004010**

820

Payment Order/Remittance Advice

Functional Group=RA

This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Not Defined:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> |
|------------|-----------|----------------------------|------------|----------------|---------------|--------------|
| | ISA | Interchange Control Header | M | 1 | | |
| | GS | Functional Group Header | M | 1 | | |

Heading:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> |
|------------|-----------|---|------------|----------------|---------------|--------------|
| 010 | ST | Transaction Set Header | M | 1 | | |
| 020 | BPR | Beginning Segment for Payment Order/Remittance Advice | M | 1 | | |
| 035 | TRN | Trace | O | 1 | | |
| 050 | REF | Reference Identification | O | >1 | | |

| <u>LOOP ID - N1</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> |
|---------------------|-----------|---------------------------------------|------------|----------------|---------------|--------------|
| | N1 | Name | O | 1 | ≥1 | - |
| | PER | Administrative Communications Contact | O | >1 | | |

Detail:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> |
|----------------------|-----------|-----------------------------------|------------|----------------|---------------|----------------|
| <u>LOOP ID - ENT</u> | | | | | ≥1 | <u>N2/010L</u> |
| 010 | ENT | Entity | O | 1 | | N2/010 |
| <u>LOOP ID - NM1</u> | | | | | ≥1 | - |
| 020 | NM1 | Individual or Organizational Name | O | 1 | | |
| 040 | N3 | Address Information | O | >1 | | |
| 060 | REF | Reference Identification | O | >1 | | |

| <u>LOOP ID - RMR</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> |
|----------------------|-----------|---|------------|----------------|---------------|--------------|
| | RMR | Remittance Advice Accounts Receivable Open Item Reference | O | 1 | ≥1 | - |
| | REF | Reference Identification | O | >1 | | |

Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> |
|------------|-----------|-------------------------|------------|----------------|---------------|--------------|
| 010 | SE | Transaction Set Trailer | M | 1 | | |

Not Defined:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> |
|------------|-----------|-----------------------------|------------|----------------|---------------|--------------|
| | GE | Functional Group Trailer | M | 1 | | |
| | IEA | Interchange Control Trailer | M | 1 | | |

Note:

Southern Company will accept all X12 compliant segments within this transaction, but only those identified in this guideline are used.

ISA

Interchange Control Header

| | |
|-------------------------|--------------|
| Pos: | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 16 |

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|---|------------|-------------|----------------|------------|
| ISA01 | I01 | Authorization Information Qualifier | M | ID | 2/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 00 No Authorization Information Present (No Meaningful Information in I02) | | | | |
| ISA02 | I02 | Authorization Information | M | AN | 10/10 | 1 |
| ISA03 | I03 | Security Information Qualifier | M | ID | 2/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 00 No Security Information Present (No Meaningful Information in I04) | | | | |
| ISA04 | I04 | Security Information | M | AN | 10/10 | 1 |
| ISA05 | I05 | Interchange ID Qualifier | M | ID | 2/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 01 Duns (Dun & Bradstreet) | | | | |
| | | 12 Phone (Telephone Companies) | | | | |
| | | 14 Duns Plus Suffix | | | | |
| | | 16 Duns Number With 4-Character Suffix | | | | |
| | | 17 American Bankers Association (ABA) Transit Routing Number (Including Check Digit, 9 Digit) | | | | |
| | | ZZ Mutually Defined | | | | |
| ISA06 | I06 | Interchange Sender ID | M | AN | 15/15 | 1 |
| ISA07 | I05 | Interchange ID Qualifier | M | ID | 2/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 01 Duns (Dun & Bradstreet) | | | | |
| | | 12 Phone (Telephone Companies) | | | | |
| | | 14 Duns Plus Suffix | | | | |
| | | 16 Duns Number With 4-Character Suffix | | | | |
| | | 17 American Bankers Association (ABA) Transit Routing Number (Including Check Digit, 9 Digit) | | | | |
| | | ZZ Mutually Defined | | | | |
| ISA08 | I07 | Interchange Receiver ID | M | AN | 15/15 | 1 |
| ISA09 | I08 | Interchange Date | M | DT | 6/6 | 1 |
| ISA10 | I09 | Interchange Time | M | TM | 4/4 | 1 |
| ISA11 | I10 | Interchange Control Standards Identifier | M | ID | 1/1 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | U U.S. EDI Community of ASC X12, TDCC, and UCS | | | | |
| ISA12 | I11 | Interchange Control Version Number | M | ID | 5/5 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997 | | | | |
| ISA13 | I12 | Interchange Control Number | M | N0 | 9/9 | 1 |
| ISA14 | I13 | Acknowledgment Requested | M | ID | 1/1 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 0 No Acknowledgment Requested | | | | |
| | | 1 Interchange Acknowledgment Requested | | | | |
| ISA15 | I14 | Usage Indicator | M | ID | 1/1 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | P Production Data | | | | |
| | | T Test Data | | | | |
| ISA16 | I15 | Component Element Separator | M | | 1/1 | 1 |

GS

Functional Group Header

| | |
|-------------------------|-------------|
| Pos: | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 8 |

To indicate the beginning of a functional group and to provide control information

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|--|------------|-------------|----------------|------------|
| GS01 | 479 | Functional Identifier Code | M | ID | 2/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | RA Payment Order/Remittance Advice (820) | | | | |
| GS02 | 142 | Application Sender's Code | M | AN | 2/15 | 1 |
| GS03 | 124 | Application Receiver's Code | M | AN | 2/15 | 1 |
| GS04 | 373 | Date | M | DT | 8/8 | 1 |
| GS05 | 337 | Time | M | TM | 4/8 | 1 |
| GS06 | 28 | Group Control Number | M | NO | 1/9 | 1 |
| GS07 | 455 | Responsible Agency Code | M | ID | 1/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | X Accredited Standards Committee X12 | | | | |
| GS08 | 480 | Version / Release / Industry Identifier Code | M | AN | 1/12 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997 | | | | |

ST

Transaction Set Header

| | |
|---------------------|-------------|
| Pos: 010 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 2 |

To indicate the start of a transaction set and to assign a control number

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|--|------------|-------------|----------------|------------|
| ST01 | 143 | Transaction Set Identifier Code | M | ID | 3/3 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 820 Payment Order/Remittance Advice | | | | |
| ST02 | 329 | Transaction Set Control Number | M | AN | 4/9 | 1 |

BPR

Beginning Segment for Payment Order/Remittance Advice

| | |
|---------------------|--------------|
| Pos: 020 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 15 |

To indicate the beginning of a Payment Order/Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|--|------------|-------------|----------------|------------|
| BPR01 | 305 | Transaction Handling Code | M | ID | 1/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | C Payment Accompanies Remittance Advice | | | | |
| BPR02 | 782 | Monetary Amount | M | R | 1/18 | 1 |
| BPR03 | 478 | Credit/Debit Flag Code | M | ID | 1/1 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | C Credit | | | | |
| BPR04 | 591 | Payment Method Code | M | ID | 3/3 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | ACH Automated Clearing House (ACH) | | | | |
| | | X12 X12 | | | | |
| BPR05 | 812 | Payment Format Code | O | ID | 1/10 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | CTX Corporate Trade Exchange (CTX) (ACH) | | | | |
| BPR06 | 506 | (DFI) ID Number Qualifier | C | ID | 2/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 01 ABA Transit Routing Number Including Check Digits (9 digits) | | | | |
| BPR07 | 507 | (DFI) Identification Number | C | AN | 3/12 | 1 |
| | | <i>Originating Bank routing ID</i> | | | | |
| BPR08 | 569 | Account Number Qualifier | O | ID | 1/3 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | DA Demand Deposit | | | | |
| | | ALC Agency Location Code (ALC) | | | | |
| BPR09 | 508 | Account Number | C | AN | 1/35 | 1 |
| | | <i>Bank account number of party originating payment.</i> | | | | |
| BPR10 | 509 | Originating Company Identifier | O | AN | 10/10 | 1 |
| BPR12 | 506 | (DFI) ID Number Qualifier | C | ID | 2/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 01 ABA Transit Routing Number Including Check Digits (9 digits) | | | | |
| BPR13 | 507 | (DFI) Identification Number | C | AN | 3/12 | 1 |
| | | <i>Destination Bank routing ID</i> | | | | |
| BPR14 | 569 | Account Number Qualifier | O | ID | 1/3 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | DA Demand Deposit | | | | |
| BPR15 | 508 | Account Number | C | AN | 1/35 | 1 |
| | | <i>Bank account number of party receiving payment.</i> | | | | |
| BPR16 | 373 | Date | O | DT | 8/8 | 1 |
| | | <i>Transaction settlement date</i> | | | | |

Syntax:

1. P0607 - If either BPR06,BPR07 is present, then all are required
2. C0809 - If BPR08 is present, then all of BPR09 are required
3. P1213 - If either BPR12,BPR13 is present, then all are required
4. C1415 - If BPR14 is present, then all of BPR15 are required
5. P1819 - If either BPR18,BPR19 is present, then all are required
6. C2021 - If BPR20 is present, then all of BPR21 are required

TRN

Trace

| | |
|--------------------|-------------|
| Pos: 035 | Max: 1 |
| Heading - Optional | |
| Loop: N/A | Elements: 2 |

To uniquely identify a transaction to an application

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|--|------------|-------------|----------------|------------|
| TRN01 | 481 | Trace Type Code | M | ID | 1/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 1 Current Transaction Trace Numbers | | | | |
| TRN02 | 127 | Reference Identification | M | AN | 1/30 | 1 |

REF

Reference Identification

| | |
|--------------------|-------------|
| Pos: 050 | Max: >1 |
| Heading - Optional | |
| Loop: N/A | Elements: 2 |

To specify identifying information

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|--|------------|-------------|----------------|------------|
| REF01 | 128 | Reference Identification Qualifier | M | ID | 2/3 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | TN Transaction Reference Number | | | | |
| REF02 | 127 | Reference Identification | C | AN | 1/30 | 1 |

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Note:

REF segment used to send bank trace number if not sent in TRN segment

N1

Name

| | |
|--------------------|-------------|
| Pos: 070 | Max: 1 |
| Heading - Optional | |
| Loop: N1 | Elements: 4 |

To identify a party by type of organization, name, and code

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|---|------------|-------------|----------------|------------|
| N101 | 98 | Entity Identifier Code | M | ID | 2/3 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | AG Agent/Agency | | | | |
| | | PE Payee | | | | |
| | | PR Payer | | | | |
| N102 | 93 | Name | C | AN | 1/60 | 1 |
| N103 | 66 | Identification Code Qualifier | C | ID | 1/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 1 D-U-N-S Number, Dun & Bradstreet | | | | |
| N104 | 67 | Identification Code | C | AN | 2/80 | 1 |

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

PER

Administrative Communications Contact

| | |
|--------------------|-------------|
| Pos: 120 | Max: >1 |
| Heading - Optional | |
| Loop: N1 | Elements: 4 |

To identify a person or office to whom administrative communications should be directed

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|--------------------------------|------------|-------------|----------------|------------|
| PER01 | 366 | Contact Function Code | M | ID | 2/2 | 1 |
| PER02 | 93 | Name | O | AN | 1/60 | 1 |
| PER03 | 365 | Communication Number Qualifier | C | ID | 2/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | TE Telephone | | | | |
| PER04 | 364 | Communication Number | C | AN | 1/80 | 1 |

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

ENT

Entity

| | |
|-------------------|-------------|
| Pos: 010 | Max: 1 |
| Detail - Optional | |
| Loop: ENT | Elements: 4 |

To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|---|------------|-------------|----------------|------------|
| ENT01 | 554 | Assigned Number | O | NO | 1/6 | 1 |
| ENT02 | 98 | Entity Identifier Code | C | ID | 2/3 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | AG Agent/Agency | | | | |
| ENT03 | 66 | Identification Code Qualifier | C | ID | 1/2 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 94 Code assigned by the organization that is the ultimate destination of the transaction set | | | | |
| ENT04 | 67 | Identification Code | C | AN | 2/80 | 1 |

Syntax:

1. P020304 - If either ENT02,ENT03,ENT04 is present, then all are required
2. P050607 - If either ENT05,ENT06,ENT07 is present, then all are required
3. P0809 - If either ENT08,ENT09 is present, then all are required

Note:

ENT02, ENT03 and ENT04 are used when sending the name or identification of a payment agent.

NM1

Individual or Organizational Name

| | |
|-------------------|-------------|
| Pos: 020 | Max: 1 |
| Detail - Optional | |
| Loop: NM1 | Elements: 3 |

To supply the full name of an individual or organizational entity

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|---------------------------------------|------------|-------------|----------------|------------|
| NM101 | 98 | Entity Identifier Code | M | ID | 2/3 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | BY Buying Party (Purchaser) | | | | |
| | | PR Payer | | | | |
| | | ZZ Mutually Defined | | | | |
| NM102 | 1065 | Entity Type Qualifier | M | ID | 1/1 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 1 Person | | | | |
| | | 3 Unknown | | | | |
| | | 4 Corporation | | | | |
| | | 6 Organization | | | | |
| NM103 | 1035 | Name Last or Organization Name | O | AN | 1/35 | 1 |

Syntax:

1. P0809 - If either NM108,NM109 is present, then all are required
2. C1110 - If NM111 is present, then all of NM110 are required

N3

Address Information

| | |
|-------------------|-------------|
| Pos: 040 | Max: >1 |
| Detail - Optional | |
| Loop: NM1 | Elements: 2 |

To specify the location of the named party

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|---------------------|------------|-------------|----------------|------------|
| N301 | 166 | Address Information | M | AN | 1/55 | 1 |
| N302 | 166 | Address Information | O | AN | 1/55 | 1 |

REF

Reference Identification

| | |
|-------------------|-------------|
| Pos: 060 | Max: >1 |
| Detail - Optional | |
| Loop: NM1 | Elements: 2 |

To specify identifying information

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|--|------------|-------------|----------------|------------|
| REF01 | 128 | Reference Identification Qualifier | M | ID | 2/3 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | TN Transaction Reference Number | | | | |
| REF02 | 127 | Reference Identification | C | AN | 1/30 | 1 |

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Note:

REF segment used to send bank trace number if not sent in TRN segment or in REF at header level

NTE

Note/Special Instruction

| | |
|-------------------|-------------|
| Pos: 090 | Max: >1 |
| Detail - Optional | |
| Loop: ADX | Elements: 2 |

To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|---|------------|-------------|----------------|------------|
| NTE01 | 363 | Note Reference Code | O | ID | 3/3 | 1 |
| NTE02 | 352 | Description <i>Adjustment Notes</i> | M | AN | 1/80 | 1 |

RMR

Remittance Advice Accounts Receivable Open Item Reference

| | |
|-------------------|-------------|
| Pos: 150 | Max: 1 |
| Detail - Optional | |
| Loop: RMR | Elements: 6 |

To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|---|------------|-------------|----------------|------------|
| RMR01 | 128 | Reference Identification Qualifier | C | ID | 2/3 | 1 |
| | | Code Name | | | | |
| | | 11 Account Number | | | | |
| | | CR Customer Reference Number | | | | |
| | | IN Consignee's Invoice Number | | | | |
| | | IV Seller's Invoice Number | | | | |
| | | OI Original Invoice Number | | | | |
| | | PO Purchase Order Number | | | | |
| RMR02 | 127 | Reference Identification | C | AN | 1/30 | 1 |
| | | <i>Account number to which payment is to be applied</i> | | | | |
| RMR03 | 482 | Payment Action Code | O | ID | 2/2 | 1 |
| | | Code Name | | | | |
| | | PO Payment on Account | | | | |
| RMR04 | 782 | Monetary Amount | O | R | 1/18 | 1 |
| | | <i>Payment Amount</i> | | | | |
| RMR05 | 782 | Monetary Amount | O | R | 1/18 | 1 |
| | | <i>Total Invoice Amount</i> | | | | |
| RMR06 | 782 | Monetary Amount | O | R | 1/18 | 1 |
| | | <i>Discount or credit taken</i> | | | | |

Syntax:

1. P0102 - If either RMR01,RMR02 is present, then all are required
2. P0708 - If either RMR07,RMR08 is present, then all are required

Note:

RMR02 and RMR04 are mandatory elements for Southern Company payments

REF

Reference Identification

| | |
|-------------------|-------------|
| Pos: 170 | Max: >1 |
| Detail - Optional | |
| Loop: RMR | Elements: 2 |

To specify identifying information

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|--|------------|-------------|----------------|------------|
| REF01 | 128 | Reference Identification Qualifier | M | ID | 2/3 | 1 |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | TN Transaction Reference Number | | | | |
| REF02 | 127 | Reference Identification | C | AN | 1/30 | 1 |

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Note:

REF segment used to send bank trace number if not sent in TRN segment or in REF at header level

SE

Transaction Set Trailer

| | |
|---------------------|-------------|
| Pos: 010 | Max: 1 |
| Summary - Mandatory | |
| Loop: N/A | Elements: 2 |

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|--------------------------------|------------|-------------|----------------|------------|
| SE01 | 96 | Number of Included Segments | M | NO | 1/10 | 1 |
| SE02 | 329 | Transaction Set Control Number | M | AN | 4/9 | 1 |

GE

Functional Group Trailer

| | |
|-------------------------|-------------|
| Pos: | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 2 |

To indicate the end of a functional group and to provide control information

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|-------------------------------------|------------|-------------|----------------|------------|
| GE01 | 97 | Number of Transaction Sets Included | M | NO | 1/6 | 1 |
| GE02 | 28 | Group Control Number | M | NO | 1/9 | 1 |

IEA

Interchange Control Trailer

| | |
|-------------------------|-------------|
| Pos: | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 2 |

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Rep</u> |
|------------|-----------|--------------------------------------|------------|-------------|----------------|------------|
| IEA01 | 116 | Number of Included Functional Groups | M | NO | 1/5 | 1 |
| IEA02 | 112 | Interchange Control Number | M | NO | 9/9 | 1 |

SAMPLE 820 VERSION 4010

ISA*00* *00* *ZZ*XXXXXXXXXX *01*XXXXXXXXXX *030814*0738*U*00401*000001107*0*P*\|
GS*RA*XXXX*XXXXXXXXXX*20030814*0738*604*X*004010\
ST*820*000000001\
BPR*C*3868.1*C*ACH*CTX*01*XXXXXXXX*DA*XXXXXXXX*XXXXXXXXXX**01*XXXXXXXX*DA*XXXXXXXXXX*20030813\
TRN*1*075000050274894\
DTM*097*20030813*0510*CS\
N1*PE*SAVANNAH ELECTRIC & POWER COMPANY*91*2036930\
ENT*1\
RMR*IV*577901401901**263.22\
ENT*2\
RMR*IV*8984009018**113.77\
ENT*3\
RMR*IV*8170012047**238.24\
ENT*4\
RMR*IV*7461000043**393.81\
ENT*5\
RMR*IV*8679008012**239.85\
ENT*6\
RMR*IV*0970007017**388.85\
ENT*7\
RMR*IV*580001401401**278.95\
ENT*8\
RMR*IV*302700302621**32.08\
ENT*9\
RMR*IV*089329600102**312.96\
ENT*10\
RMR*IV*038500801504**329\
ENT*11\
RMR*IV*2608004022**200\
ENT*12\
RMR*IV*7499013014**217.99\
ENT*13\
RMR*IV*506301401820**152.96\
ENT*14\
RMR*IV*5004003020**231.95\
ENT*15\
RMR*IV*6433009017**115\
ENT*16\
RMR*IV*617901401802**185\
ENT*17\
RMR*IV*0997523001**174.47\
SE*40*000000001\
GE*1*604\
IEA*1*000001107\