

# FLORIDA POWER

## SCHEDULE 9

### STATUS REPORT AND SPECIFICATIONS OF PROPOSED GENERATING FACILITIES

AS OF JANUARY 1, 2002

(1)	Plant Name and Unit Number:	HINES ENERGY COMPLEX UNIT #2
(2)	Capacity	
	a. Summer:	516
	b. Winter:	582
(3)	Technology Type:	COMBINED CYCLE
(4)	Anticipated Construction Timing	
	a. Field construction start date:	3/2002
	b. Commercial in-service date:	11/2003 (EXPECTED)
(5)	Fuel	
	a. Primary fuel:	NATURAL GAS
	b. Alternate fuel:	DISTILLATE FUEL OIL
(6)	Air Pollution Control Strategy:	DRY LOW NO <sub>x</sub> COMBUSTION with SELECTIVE CATALYTIC REDUCTION
(7)	Cooling Method:	COOLING PONDS
(8)	Total Site Area:	8,200 ACRES
(9)	Construction Status:	REGULATORY APPROVAL RECEIVED
(10)	Certification Status:	SITE PERMITTED
(11)	Status with Federal Agencies:	SITE PERMITTED
(12)	Projected Unit Performance Data	
	a. Planned Outage Factor (POF):	2.92 %
	b. Forced Outage Factor (FOF):	3.50 %
	c. Equivalent Availability Factor (EAF):	93.70 %
	d. Resulting Capacity Factor (%):	50.00 %
	e. Average Net Operating Heat Rate (ANOHR):	7,306 BTU/kWh
(13)	Projected Unit Financial Data	
	a. Book Life (Years):	25
	b. Total Installed Cost (In-service year \$/kW):	340
	c. Direct Construction Cost (\$/kW):	301
	d. AFUDC Amount (\$/kW):	26
	e. Escalation (\$/kW):	13
	f. Fixed O&M (\$/kW-yr):	3.62
	g. Variable O&M (\$/mWh):	1.03
	h. K Factor:	NO CALCULATION

# FLORIDA POWER

## SCHEDULE 9

### STATUS REPORT AND SPECIFICATIONS OF PROPOSED GENERATING FACILITIES

AS OF JANUARY 1, 2002

(1)	Plant Name and Unit Number:	INTERCESSION CITY P15
(2)	Capacity	
	a. Summer:	154
	b. Winter:	184
(3)	Technology Type:	COMBUSTION TURBINE
(4)	Anticipated Construction Timing	
	a. Field construction start date:	11/2003
	b. Commercial in-service date:	11/2004 (EXPECTED)
(5)	Fuel	
	a. Primary fuel:	NATURAL GAS
	b. Alternate fuel:	DISTILLATE FUEL OIL
(6)	Air Pollution Control Strategy:	DRY LOW NO <sub>x</sub> COMBUSTION (NATURAL GAS) WATER INJECTION (DISTILLATE FUEL OIL)
(7)	Cooling Method:	AIR
(8)	Total Site Area:	162 ACRES
(9)	Construction Status:	PLANNED
(10)	Certification Status:	SITE PERMITTED
(11)	Status with Federal Agencies:	SITE PERMITTED
(12)	Projected Unit Performance Data	
	a. Planned Outage Factor (POF):	6.85 %
	b. Forced Outage Factor (FOF):	4.70 %
	c. Equivalent Availability Factor (EAF):	88.80 %
	d. Resulting Capacity Factor (%):	15.00 %
	e. Average Net Operating Heat Rate (ANOHR):	12,103 BTU/kWh
(13)	Projected Unit Financial Data	
	a. Book Life (Years):	25
	b. Total Installed Cost (In-service year \$/kW):	367
	c. Direct Construction Cost (\$/kW):	331
	d. AFUDC Amount (\$/kW):	24
	e. Escalation (\$/kW):	12
	f. Fixed O&M (\$/kW-yr):	2.52
	g. Variable O&M (\$/mWh):	11.96
	h. K Factor:	NO CALCULATION

# FLORIDA POWER

## SCHEDULE 9 STATUS REPORT AND SPECIFICATIONS OF PROPOSED GENERATING FACILITIES

AS OF JANUARY 1, 2002

- |      |  |  |
|------|--|--|
| (1)  | Plant Name and Unit Number:                      | HINES ENERGY COMPLEX UNIT #3   |
| (2)  | Capacity   |  |
|      | a. Summer:                                       | 516  |
|      | b. Winter:                                       | 582  |
| (3)  | Technology Type:                                 | COMBINED CYCLE   |
| (4)  | Anticipated Construction Timing                  |  |
|      | a. Field construction start date:                | 3/2004   |
|      | b. Commercial in-service date:                   | 11/2005 (EXPECTED)   |
| (5)  | Fuel   |  |
|      | a. Primary fuel:                                 | NATURAL GAS  |
|      | b. Alternate fuel:                               | DISTILLATE FUEL OIL  |
| (6)  | Air Pollution Control Strategy:                  | DRY LOW NO <sub>x</sub> COMBUSTION<br>with SELECTIVE CATALYTIC REDUCTION |
| (7)  | Cooling Method:                                  | COOLING PONDS  |
| (8)  | Total Site Area:                                 | 8,200 ACRES  |
| (9)  | Construction Status:                             | PLANNED  |
| (10) | Certification Status:                            | SITE PERMITTED   |
| (11) | Status with Federal Agencies:                    | SITE PERMITTED   |
| (12) | Projected Unit Performance Data                  |  |
|      | a. Planned Outage Factor (POF):                  | 5.75 %   |
|      | b. Forced Outage Factor (FOF):                   | 3.00 %   |
|      | c. Equivalent Availability Factor (EAF):         | 91.40 %  |
|      | d. Resulting Capacity Factor (%):                | 50.00 %  |
|      | e. Average Net Operating Heat Rate (ANOHR):      | 7,306 BTU/kWh  |
| (13) | Projected Unit Financial Data                    |  |
|      | a. Book Life (Years):                            | 25   |
|      | b. Total Installed Cost (In-service year \$/kW): | 457  |
|      | c. Direct Construction Cost (\$/kW):             | 389  |
|      | d. AFUDC Amount (\$/kW):                         | 51   |
|      | e. Escalation (\$/kW):                           | 17   |
|      | f. Fixed O&M (\$/kW-yr):                         | 1.29   |
|      | g. Variable O&M (\$/mWh):                        | 2.55   |
|      | h. K Factor:                                     | NO CALCULATION   |

# FLORIDA POWER

## SCHEDULE 9 STATUS REPORT AND SPECIFICATIONS OF PROPOSED GENERATING FACILITIES

AS OF JANUARY 1, 2002

(1)	Plant Name and Unit Number:	HINES ENERGY COMPLEX UNIT #4
(2)	Capacity	
	a. Summer:	480
	b. Winter:	550
(3)	Technology Type:	COMBINED CYCLE
(4)	Anticipated Construction Timing	
	a. Field construction start date:	3/2006
	b. Commercial in-service date:	11/2007 (EXPECTED)
(5)	Fuel	
	a. Primary fuel:	NATURAL GAS
	b. Alternate fuel:	DISTILLATE FUEL OIL
(6)	Air Pollution Control Strategy:	DRY LOW NO <sub>x</sub> COMBUSTION with SELECTIVE CATALYTIC REDUCTION
(7)	Cooling Method:	COOLING PONDS
(8)	Total Site Area:	8,200 ACRES
(9)	Construction Status:	PLANNED
(10)	Certification Status:	SITE PERMITTED
(11)	Status with Federal Agencies:	SITE PERMITTED
(12)	Projected Unit Performance Data	
	a. Planned Outage Factor (POF):	6.85 %
	b. Forced Outage Factor (FOF):	6.70 %
	c. Equivalent Availability Factor (EAF):	86.90 %
	d. Resulting Capacity Factor (%):	50.00 %
	e. Average Net Operating Heat Rate (ANOHR):	7,336 BTU/kWh
(13)	Projected Unit Financial Data	
	a. Book Life (Years):	25
	b. Total Installed Cost (In-service year \$/kW):	519
	c. Direct Construction Cost (\$/kW):	425
	d. AFUDC Amount (\$/kW):	58
	e. Escalation (\$/kW):	36
	f. Fixed O&M (\$/kW-yr):	3.31
	g. Variable O&M (\$/mWh):	2.31
	h. K Factor:	NO CALCULATION

# FLORIDA POWER

## SCHEDULE 9 STATUS REPORT AND SPECIFICATIONS OF PROPOSED GENERATING FACILITIES

AS OF JANUARY 1, 2002

- |      |  |   |
|------|--|---|
| (1)  | Plant Name and Unit Number:                      | INTERCESSION CITY P16   |
| (2)  | Capacity   |   |
|      | a. Summer:                                       | 154   |
|      | b. Winter:                                       | 184   |
| (3)  | Technology Type:                                 | COMBUSTION TURBINE  |
| (4)  | Anticipated Construction Timing                  |   |
|      | a. Field construction start date:                | 11/2007   |
|      | b. Commercial in-service date:                   | 11/2008 (EXPECTED)  |
| (5)  | Fuel   |   |
|      | a. Primary fuel:                                 | NATURAL GAS   |
|      | b. Alternate fuel:                               | DISTILLATE FUEL OIL   |
| (6)  | Air Pollution Control Strategy:                  | DRY LOW NO <sub>x</sub> COMBUSTION (NATURAL GAS)<br>WATER INJECTION (DISTILLATE FUEL OIL) |
| (7)  | Cooling Method:                                  | AIR   |
| (8)  | Total Site Area:                                 | 162 ACRES   |
| (9)  | Construction Status:                             | PLANNED   |
| (10) | Certification Status:                            | SITE PERMITTED  |
| (11) | Status with Federal Agencies:                    | SITE PERMITTED  |
| (12) | Projected Unit Performance Data                  |   |
|      | a. Planned Outage Factor (POF):                  | 6.85 %  |
|      | b. Forced Outage Factor (FOF):                   | 4.70 %  |
|      | c. Equivalent Availability Factor (EAF):         | 88.80 %   |
|      | d. Resulting Capacity Factor (%):                | 15.00 %   |
|      | e. Average Net Operating Heat Rate (ANOHR):      | 12,103 BTU/kWh  |
| (13) | Projected Unit Financial Data                    |   |
|      | a. Book Life (Years):                            | 25  |
|      | b. Total Installed Cost (In-service year \$/kW): | 397   |
|      | c. Direct Construction Cost (\$/kW):             | 331   |
|      | d. AFUDC Amount (\$/kW):                         | 26  |
|      | e. Escalation (\$/kW):                           | 40  |
|      | f. Fixed O&M (\$/kW-yr):                         | 2.52  |
|      | g. Variable O&M (\$/mWh):                        | 11.96   |
|      | h. K Factor:                                     | NO CALCULATION  |

**FLORIDA POWER**

**SCHEDULE 9**

**STATUS REPORT AND SPECIFICATIONS OF PROPOSED GENERATING FACILITIES**

AS OF JANUARY 1, 2002

(1)	Plant Name and Unit Number:	HINES ENERGY COMPLEX UNIT #5
(2)	Capacity	
	a. Summer:	480
	b. Winter:	550
(3)	Technology Type:	COMBINED CYCLE
(4)	Anticipated Construction Timing	
	a. Field construction start date:	3/2008
	b. Commercial in-service date:	11/2009 (EXPECTED)
(5)	Fuel	
	a. Primary fuel:	NATURAL GAS
	b. Alternate fuel:	DISTILLATE FUEL OIL
(6)	Air Pollution Control Strategy:	DRY LOW NO <sub>x</sub> COMBUSTION with SELECTIVE CATALYTIC REDUCTION
(7)	Cooling Method:	COOLING PONDS
(8)	Total Site Area:	8,200 ACRES
(9)	Construction Status:	PLANNED
(10)	Certification Status:	SITE PERMITTED
(11)	Status with Federal Agencies:	SITE PERMITTED
(12)	Projected Unit Performance Data	
	a. Planned Outage Factor (POF):	6.85 %
	b. Forced Outage Factor (FOF):	6.70 %
	c. Equivalent Availability Factor (EAF):	86.90 %
	d. Resulting Capacity Factor (%):	50.00 %
	e. Average Net Operating Heat Rate (ANOHR):	7,336 BTU/kWh
(13)	Projected Unit Financial Data	
	a. Book Life (Years):	25
	b. Total Installed Cost (In-service year \$/kW):	540
	c. Direct Construction Cost (\$/kW):	425
	d. AFUDC Amount (\$/kW):	60
	e. Escalation (\$/kW):	55
	f. Fixed O&M (\$/kW-yr):	3.31
	g. Variable O&M (\$/mWh):	2.31
	h. K Factor:	NO CALCULATION

**FLORIDA POWER**

**SCHEDULE 9**

**STATUS REPORT AND SPECIFICATIONS OF PROPOSED GENERATING FACILITIES**

AS OF JANUARY 1, 2002

(1)	Plant Name and Unit Number:	HINES ENERGY COMPLEX UNIT #6
(2)	Capacity	
	a. Summer:	480
	b. Winter:	550
(3)	Technology Type:	COMBINED CYCLE
(4)	Anticipated Construction Timing	
	a. Field construction start date:	3/2009
	b. Commercial in-service date:	11/2010 (EXPECTED)
(5)	Fuel	
	a. Primary fuel:	NATURAL GAS
	b. Alternate fuel:	DISTILLATE FUEL OIL
(6)	Air Pollution Control Strategy:	DRY LOW NO <sub>x</sub> COMBUSTION with SELECTIVE CATALYTIC REDUCTION
(7)	Cooling Method:	COOLING PONDS
(8)	Total Site Area:	8,200 ACRES
(9)	Construction Status:	PLANNED
(10)	Certification Status:	SITE PERMITTED
(11)	Status with Federal Agencies:	SITE PERMITTED
(12)	Projected Unit Performance Data	
	a. Planned Outage Factor (POF):	6.85 %
	b. Forced Outage Factor (FOF):	6.70 %
	c. Equivalent Availability Factor (EAF):	86.90 %
	d. Resulting Capacity Factor (%):	50.00 %
	e. Average Net Operating Heat Rate (ANOHR):	7,336 BTU/kWh
(13)	Projected Unit Financial Data	
	a. Book Life (Years):	25
	b. Total Installed Cost (In-service year \$/kW):	551
	c. Direct Construction Cost (\$/kW):	425
	d. AFUDC Amount (\$/kW):	61
	e. Escalation (\$/kW):	65
	f. Fixed O&M (\$/kW-yr):	3.31
	g. Variable O&M (\$/mWh):	2.31
	h. K Factor:	NO CALCULATION